Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: K.GREEN / R.SMITH
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 001
Report Date: 04/27/2011
Spud Date:
Release Date:
DFS: 1.00 DOL: 1 AFE Days:
Last BOP T.:
Safety & Environmental Incident: No

Depth md/tvd: /
Progress:
ROP: / = 0.00
Proposed TD (ft): 12,000.00
Next Csg Point: 0.00

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,719.61
Ground Level (ft): 2,703.0
POB: 0 Total Man Hours: 0.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	253,490	460	0	253,950
Cum Cost($)	253,490	460	0	253,950
AFE($):	0	0	0	0

Current Activity: RIGGING UP
24 Hr Summary: RIGGING UP
24 Hr Forecast: RIGGING UP

MUD PROPERTIES

Fluids Co.:
Fluids Eng:

Time:	Oil Cnt:		
Location:	H2O Cnt:		
Pit Temp:	Sand Cnt:		
Depth:	MBT:		
Density:	pH:		
FV:	Pm:		
PV:	Pf/Mf:	/	
YP:	Chloride:		
Gels:	Calcium:	//	
WL:	LCM:		
HTHP:	ES (mV):		
Cake:	LGS:		
Solids:	Ex Lime (ppb):		
ECD:	OWR:	/	

MUD MATERIALS

D M Cost($): $0.00
C M Cost($): $0.00

Mud Additives	Used

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		
Depth In (ft)		
Depth Out (ft)		
Bit Rotations		
On Btm Hrs		
Footage (ft)		
ROP		
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		
HSI		
PSI Drop (psi)		
Jet Vel (ft/s)		
Imp Force		

Grading I O D L B G O R
Bit #
Bit #

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)

INVENTORY

Item	Inv

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: @ (%) BG Gas: (%) Surf to Surf:
Conn Gas: @ (%) Lag Strokes:
Form: Pore Pressure: (%) Lag Time: (min)

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): SPP (psi):
AV (DC): AV (DP):

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
8,682	90.50	180.80	7,194	-1,983.68	-27.34	-1,983.68	0.00
9,042	90.50	180.80	7,191	-2,343.64	-32.37	-2,343.64	0.00
9,762	90.50	180.80	7,185	-3,063.54	-42.42	-3,063.54	0.00
10,122	90.50	180.80	7,182	-3,423.49	-47.45	-3,423.49	0.00
10,482	90.50	180.80	7,179	-3,783.44	-52.47	-3,783.44	0.00
10,842	90.50	180.80	7,176	-4,143.40	-57.50	-4,143.40	0.00
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	MIRU	01	MIRU	SAFETY MEETING W/RIG CREW & TK
06:30	08:00	1.50	P	MIRU	01	MIRU	RIG DOWN GEN, RIG MGR. HOUSE & CREW HOUSE LOAD OUT SAME.
08:00	13:00	5.00	P	MIRU	01	MIRU	LOAD GEN. PACK, LOWER ROOFS ON MUD TANKS, LOAD OUT PUMPS & MUD TANKS, SPOT HOUSES & GEN. PACK.
13:00	16:00	3.00	P	MIRU	01	MIRU	LOWER CROWN REMOVE DERRICK FROM RIG FLOOR, RIG UP GEN. PACK & SPOT TANKS.
16:00	18:00	2.00	P	MIRU	01	MIRU	START RIGGING DOWN SUBS.& RIG UP ON UUNIVERSITY 11-18 #1-H
18:00	19:00	1.00	P	MIRU	01	MIRU	POWER UP GEN., AND RUN POWER TO CAMP, & OFFLOAD TRUCKS.
19:00	00:00	5.00	P	MIRU	01	MIRU	RIG IDEL NO CREWS.

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	K.GREEN / R.SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	002
Report Date:	04/28/2011
Spud Date:	
Release Date:	
DFS: 2.00	DOL: 2 AFE Days:
Last BOP T.:	
Safety & Environmental Incident:	No

Depth md/tvd:	/
Progress:	
ROP:	/ = 0.00
Proposed TD (ft):	12,000.00
Next Csg Point:	0.00

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,719.61
Ground Level (ft):	2,703.0
POB:	24
Total Man Hours:	24.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	168,850	0	0	168,850
Cum Cost($)	423,740	460	0	424,200
AFE($):	0	0	0	0

Current Activity: MIRU
24 Hr Summary: MOVING SPOT RIG ON NEW LOCATION
24 Hr Forecast: RIGGING UP RIG INSPECTION, RIG REPAIR

MUD PROPERTIES

Fluids Co.:	
Fluids Eng:	
Time:	Oil Cnt:
Location:	H2O Cnt:
Pit Temp:	Sand Cnt:
Depth:	MBT:
Density:	pH:
FV:	Pm:
PV:	Pf/Mf: /
YP:	Chloride:
Gels: //	Calcium:
WL:	LCM:
HTHP:	ES (mV):
Cake:	LGS:
Solids:	Ex Lime (ppb):
ECD:	OWR: /

MUD MATERIALS

D M Cost($):	$0.00
C M Cost($):	$0.00

Mud Additives	Used

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		
Depth In (ft)		
Depth Out (ft)		
Bit Rotations		
On Btm Hrs		
Footage (ft)		
ROP		
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		
HSI		
PSI Drop (psi)		
Jet Vel (ft/s)		
Imp Force		

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit #								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)

INVENTORY

Item	Inv

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: @ (%)	BG Gas: (%)	Surf to Surf:
Conn Gas: @ (%)		Lag Strokes:
Form:	Pore Pressure: (%)	Lag Time: (min)

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm):	SPP (psi):
AV (DC):	AV (DP):

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
8,682	90.50	180.80	7,194	-1,983.68	-27.34	-1,983.68	0.00
9,042	90.50	180.80	7,191	-2,343.64	-32.37	-2,343.64	0.00
9,762	90.50	180.80	7,185	-3,063.54	-42.42	-3,063.54	0.00
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10,482	90.50	180.80	7,179	-3,783.44	-52.47	-3,783.44	0.00
10,842	90.50	180.80	7,176	-4,143.40	-57.50	-4,143.40	0.00
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	MIRU	01	MIRU	S/M W/ CREW & T.K. TRUCKING
06:30	12:00	5.50	P	MIRU	01	MIRU	RIGGING DOWN SUBS LOAD, RIG UP POWER TO PUMPS,MUD TANKS, RIG UP MUD EQUIP. ON TANKS.
12:00	13:30	1.50	P	MIRU	01	MIRU	START BREAKING DERRICK, SPOT SUB MATS, OFF LOAD FIRST CRANE.
13:30	18:00	4.50	P	MIRU	01	MIRU	SPOT AND STACK SUB, INST. WEBING AND ROTARY ,CHECKHOLE CENTER (OK) FINISH TEARING DOWN DERRICK, L;OAD ON TRUCKS.
18:00	20:00	2.00	N	MIRU	01	MIRU	SET SHAKERS, TRIP TANK, FLOW LINE, CHOKE, AND STAIRWAY.
20:00	00:00	4.00	P	MIRU	01	MIRU	RIG IDLE, NO CREW.
00:00	06:00	6.00	P	MIRU	01	MIRU	RIG IDLE NO CREW.

Daily Operations Comments
TRRC: PRE-SPUD NOTICE 4-27-11 @ 13:00 JOB # 3126

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	K.GREEN / R.SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	003
Report Date:	04/29/2011
Spud Date:	
Release Date:	
DFS: 0.00	DOL: 3 AFE Days:
Last BOP T.:	
Safety & Environmental Incident:	No

Depth md/tvd:	/
Progress:	
ROP:	/ = 0.00
Proposed TD (ft):	12,000.00
Next Csg Point:	0.00

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,719.61
Ground Level (ft):	2,703.0
POB:	11
Total Man Hours:	0.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	51,095	60	0	51,155
Cum Cost($)	325,635	520	0	326,155
AFE($):	0	0	0	0

Current Activity: RIGGING UP, WAITING ON DAYLIGHT AT PRESENT

24 Hr Summary: 100% MOVED, RIG UP AND SPOT EQUIPMENT, PIN DERRICK

24 Hr Forecast: RIGGING UP, RAISE DERRICK, RIG UP, RIG INSPECTION FOR SPUD.

MUD PROPERTIES

Fluids Co.:	
Fluids Eng:	
Time:	Oil Cnt:
Location:	H2O Cnt:
Pit Temp:	Sand Cnt:
Depth:	MBT:
Density:	pH:
FV:	Pm:
PV:	Pf/Mf: /
YP:	Chloride:
Gels: //	Calcium:
WL:	LCM:
HTHP:	ES (mV):
Cake:	LGS:
Solids:	Ex Lime (ppb):
ECD:	OWR: /

MUD MATERIALS

D M Cost($):	$0.00
C M Cost($):	$0.00

Mud Additives	Used

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		
Depth In (ft)		
Depth Out (ft)		
Bit Rotations		
On Btm Hrs		
Footage (ft)		
ROP		
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		
HSI		
PSI Drop (psi)		
Jet Vel (ft/s)		
Imp Force		

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit #								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	

INVENTORY

Item	Inv

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: @ (%)	BG Gas: (%)	Surf to Surf:
Conn Gas: @ (%)		Lag Strokes:
Form:	Pore Pressure: (%)	Lag Time: (min)

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm):	SPP (psi):
AV (DC):	AV (DP):

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
8,682	90.50	180.80	7,194	-1,983.68	-27.34	-1,983.68	0.00
9,042	90.50	180.80	7,191	-2,343.64	-32.37	-2,343.64	0.00
9,762	90.50	180.80	7,185	-3,063.54	-42.42	-3,063.54	0.00
10,122	90.50	180.80	7,182	-3,423.49	-47.45	-3,423.49	0.00
10,482	90.50	180.80	7,179	-3,783.44	-52.47	-3,783.44	0.00
10,842	90.50	180.80	7,176	-4,143.40	-57.50	-4,143.40	0.00
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	20:00	14.00	P	MIRU	01	MIRU	PJSM W/ ALL PERSONAL, TRANSPORT DERRICK, RIG UP CHOKE & BUSTER, ASSEMBLE DERRICK, R/U BACK YARD, SLIDES, MUD LINES & TRIP TANK, INSTALL DRAW WORKS & FLOOR PLATES, STAB & PIN DERRICK TO RIG FLOOR, INSTALL BOARD & STAND, STRING OUT CABLES.
20:00	06:00	10.00	P	MIRU	01	MIRU	RIG IDLE, NO CREWS, 100% MOVED, 90% SET-IN, 80% STAGED, 75% RIGGED UP. WAITING ON DAYLIGHT.

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	KEITH GREEN / R.SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	004
Report Date:	04/30/2011
Spud Date:	
Release Date:	
DFS: 0.00	DOL: 4 AFE Days:
Last BOP T.:	
Safety & Environmental Incident:	No

Depth md/tvd:	/
Progress:	
ROP:	/ = 0.00
Proposed TD (ft):	12,000.00
Next Csg Point:	0.00

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,719.61
Ground Level (ft):	2,703.0
POB:	20
Total Man Hours:	208.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	23,534	0	0	23,534
Cum Cost($)	349,169	520	0	349,689
AFE($):	0	0	0	0

Current Activity: R/U RIG FLOOR

24 Hr Summary: R/U A-LEGS,,STRING UP BLOCK, RAISE DERRICK, R/U FLOOR, INST. FLOOR PLATES, HAND RAILS, R/U WIRE LINE UNIT. INST. AIR HOIST, GUARD & ROTARY CHAIN, R/U MANIFOLD, STAND PIPE, HOOK OUT BRIDAL.

24 Hr Forecast: RIGGING UP, RAISE DERRICK, RIG UP, RIG INSPECTION FOR SPUD.

MUD PROPERTIES

Fluids Co.:
Fluids Eng:

Time:	Oil Cnt:		
Location:	H2O Cnt:		
Pit Temp:	Sand Cnt:		
Depth:	MBT:		
Density:	pH:		
FV:	Pm:		
PV:	Pf/Mf:	/	
YP:	Chloride:		
Gels:	Calcium:	//	
WL:	LCM:		
HTHP:	ES (mV):		
Cake:	LGS:		
Solids:	Ex Lime (ppb):		
ECD:	OWR:	/	

MUD MATERIALS

D M Cost($):	$2,384.00
C M Cost($):	$2,384.00

Mud Additives	Used
TRUCKING	1,900
TAXES	40
PALLETS	24

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		
Depth In (ft)		
Depth Out (ft)		
Bit Rotations		
On Btm Hrs		
Footage (ft)		
ROP		
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		
HSI		
PSI Drop (psi)		
Jet Vel (ft/s)		
Imp Force		

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit #								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	

INVENTORY

Item	Inv
DIESEL	8,682

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas:	@ (%)	BG Gas:	(%)	Surf to Surf:	
Conn Gas:	@ (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): SPP (psi):
AV (DC): AV (DP):

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
9,042	90.50	180.80	7,191	-2,343.64	-32.37	-2,343.64	0.00
9,762	90.50	180.80	7,185	-3,063.54	-42.42	-3,063.54	0.00
10,122	90.50	180.80	7,182	-3,423.49	-47.45	-3,423.49	0.00
10,482	90.50	180.80	7,179	-3,783.44	-52.47	-3,783.44	0.00
10,842	90.50	180.80	7,176	-4,143.40	-57.50	-4,143.40	0.00
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00
0	0.00	0.00	0	0.00	0.00	0.00	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	MIRU	01	MIRU	S/M W/ RIG PERSONELL AND T.K STANLEY
06:30	11:00	4.50	P	MIRU	01	MIRU	R/U A-LEGS, HOOK BULL LINES, INST. STAND PIPE & SET DOG HOUSE ON RIG FLOOR. SPOT KOOMEY UNIT AND SET STAIRS TO RIG FOOR ,SET WATER TANK AND RELEASED CRANE & TRUCKING.
11:00	16:30	5.50	P	MIRU	01	MIRU	STRING UP BLOCK ROLL CABLE ON DRUM, PUT WRAPS ON ANCHOR. TORQUE ANCHOR TO 400, AND DRESS DERRICK. INSPECTED BY (HENRY CRETORS & JOE BANZA).
16:30	17:00	0.50	P	MIRU	01	MIRU	S/M W/ CREW, RAISE DERRICK OFF RACK TO TEST ELECTRIC BRAKE, RAISE DERRICK AND PIN.
17:00	18:00	1.00	P	MIRU	01	MIRU	START DRESSING OUT RIG FLOOR.
18:00	05:00	11.00	P	MIRU	01	MIRU	INST. FLOOR PLATES, HAND RAILS, CONNECT LIGHT ON RIG FLOOR, SUB- DERRICK, R/U WIRE L;INE UNIT, AIR HOIST, INST. GUARD AND ROTARY CHAIN. INST STAND PIPE HOOK OUT BRIDAL,
05:00	06:00	1.00	P	MIRU	01	MIRU	COMP. DRESSING BOARD, TIE BACK BULL LUINE, AND HANG LINE, P/U SWIEVEL, M/U KELLEY HOSE AND KELLEY.

Daily Operations Comments

RELEASED TRUCKS AND CRANE @ 11:00 A.M.

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: KEITH GREEN / R.SMITH
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 005
Report Date: 05/01/2011
Spud Date:
Release Date:
DFS: 0.00 DOL: 5 AFE Days:
Last BOP T.:
Safety & Environmental Incident: No

Depth md/tvd (ft): 80.00 / 80.00
Progress:
ROP: / = 0.00
Proposed TD (ft): 12,000.00
Next Csg Point: 0.00

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,719.61
Ground Level (ft): 2,703.0
POB: 19 Total Man Hours: 232.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	30,623	0	0	30,623
Cum Cost($)	379,792	520	0	380,312
AFE($):	0	0	0	0

Current Activity: RIG MONITOR SYSTEM DOWN, TECH CHANGING OUT PARTS ON RIG FLOOR PRIOR TO SPUD
24 Hr Summary: COMPLETE RIG UP AND RIG INSPECTION, MINOR RIG REPAIRS, WELD ON CONDUCTOR, CIRCULATING SYSTEM CHECK,
24 Hr Forecast: P/U BHA #1, SPUD IN SURFACE, CIRCULATE AND CLEAN HOLE, SHORT TRIP, POOH FOR 13-3/8" CASING AND CEMENT OPERATIONS.

MUD PROPERTIES

Fluids Co.:
Fluids Eng:

Time:	Oil Cnt:		
Location:	H2O Cnt:		
Pit Temp:	Sand Cnt:		
Depth:	MBT:		
Density:	pH:		
FV:	Pm:		
PV:	Pf/Mf:	/	
YP:	Chloride:		
Gels:	Calcium:	//	
WL:	LCM:		
HTHP:	ES (mV):		
Cake:	LGS:		
Solids:	Ex Lime (ppb):		
ECD:	OWR:	/	

MUD MATERIALS

D M Cost($): $0.00
C M Cost($): $2,384.00

Mud Additives	Used

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		
Depth In (ft)		
Depth Out (ft)		
Bit Rotations		
On Btm Hrs		
Footage (ft)		
ROP		
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		
HSI		
PSI Drop (psi)		
Jet Vel (ft/s)		
Imp Force		

Grading: I O D L B G O R
Bit #
Bit #

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	

INVENTORY

Item	Inv
DIESEL	8,121

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: @ (%) BG Gas: (%) Surf to Surf:
Conn Gas: @ (%) Lag Strokes:
Form: Pore Pressure: (%) Lag Time: (min)

BHA # 1

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
	PDC BIT		17.500	1.00	1.00
1		3.000	8.750	3.88	4.88
1		8.062	2.937	12.27	17.15
1		2.750	8.000	30.47	47.62
1		2.812	8.062	5.08	52.70
5		2.750	8.000	153.82	206.52
1	X-O SUB	2.875	7.625	3.09	209.61
6		2.750	6.437	181.78	391.39
1		2.500	6.500	3.62	395.01
14		3.000	6.562	427.38	822.39
				Total Length:	822.39

STRING LOADS

On Btm Torque:
Off Btm Torque:
Str. Wt. Up:
Str. Wt. Down:
Str. Wt. Rot.:

BHA PROPERTIES

BHA Hrs:
Jar Hrs:
Motor Hrs:
Motor PSI Drop (kip):
Weight B Jars (kip):

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): SPP (psi):
AV (DC): AV (DP):

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
9,042	90.50	180.80	7,191	-2,343.64	-32.37	-2,343.64	0.00
9,762	90.50	180.80	7,185	-3,063.54	-42.42	-3,063.54	0.00
10,122	90.50	180.80	7,182	-3,423.49	-47.45	-3,423.49	0.00
10,482	90.50	180.80	7,179	-3,783.44	-52.47	-3,783.44	0.00
10,842	90.50	180.80	7,176	-4,143.40	-57.50	-4,143.40	0.00
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00
0	0.00	0.00	0	0.00	0.00	0.00	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:00	3.00	P	MIRU	01	MIRU	INSTALL KELLY BUSHINGS, BELLS, MOUSE HOLE, TIGHTEN UP STAND PIPE CLAMPS, PICK UP SLIPS ELEVATORS & LIFT SUBS.
09:00	11:00	2.00	P	DRLSURF	07	DRLVERT	R/U PVC LINES, FOR DESANDER, DESILTER, SAND TRAP, TRASH PUMP, & INST. # 170 SHAKER SCREENS.ON BOTH.
11:00	18:00	7.00	P	DRLSURF	07	DRLVERT	INST. CELLAR JET, RIG SIGNS IN PLACE, HOUSE KEEPING ON RIG. M/U BIT, BIT SUB X-O SHOCK SUB, & D.C. WASH THROUGH LINES,RIG UP WIRE LINE THROUGH SHIEVE. (5X5 CHECK EQUIP.)
18:00	21:00	3.00	P	DRLSURF	07	DRLVERT	RIG INSPECTION
21:00	00:00	3.00	P	DRLSURF	07	DRLVERT	ATTEMPT TO PLACE DRESSER SLEEVE ON CONDUCTOR, ATTEMPT FAILED TO DUE TO EGG SHAPE OF PIPE, HAD WELDER WELD ON CONDUCTOR, NIPPLE UP FLOW LINE AND FLOW LINE DRESSER SLEEVE, DURING PICKING UP BHA TOTCO MONITOR SYSTEM FAILURE, SYSTEM BOX ON RIG FLOOR BEING CHANGED OUT BY TECH
00:00	02:00	2.00	P	DRLSURF	07	DRLVERT	STRAP AND CLAIPER BHA, PRE MIX LCM PILL
02:00	03:00	1.00	P	DRLSURF	07	DRLVERT	MAKE UP BIT, BIT SUB, SHOCK SUB AND 8" DRILL COLLAR AND FLUSH THRU CIRCULATING SYSTEM
03:00	06:00	3.00	P	DRLSURF	07	DRLVERT	TOTCO SERVICE HAND RETURNED AND NEEDED MORE PARTS FOR RIG FLOOR, TECH RETURN TO SHOPE FOR ITEMS REQUIRED FOR SERVICE, RIG 100% READY TO SPUD AT THIS TIME.

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: KEITH GREEN / R.SMITH
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 006
Report Date: 05/02/2011
Spud Date:
Release Date:
DFS: 0.75 DOL: 6 AFE Days:
Last BOP T.:
Safety & Environmental Incident: No

Depth md/tvd (ft): 858.00 / 858.00
Progress (ft): 778.00
ROP: 778.0 / 15.00 = 51.87
Proposed TD (ft): 12,000.00
Next Csg Point: 0.00

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,719.61
Ground Level (ft): 2,703.0
POB: 18 Total Man Hours: 220.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	23,122	0	0	23,122
Cum Cost($)	402,914	520	0	403,434
AFE($):	0	0	0	0

Current Activity: POOH, LAY DOWN BHA, CUTTING OFF CONDUCTOR TO RUN 13-3/8" CASING.

24 Hr Summary: RIG UP, RIG INSPECTION, TROUBLE SHOOT AND REPLACE RIG MONITOR SYSTEM AND SPUD IN, DRILL TO DESIRED DEPTH TAKING W.L. SURVEYS

24 Hr Forecast: POOH, L/D BHA #1 PICK UP AND RUN 13-3/8" CASING AND CEMENT SAME, NIPPLE UP OPERATIONS AND TEST.

MUD PROPERTIES

Fluids Co.:
Fluids Eng: IAN SMITH

Time:	6:01	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	100
Pit Temp:		Sand Cnt:	
Depth (ft):	858.00	MBT:	
Density (ppg):	8.70	pH:	8.0
FV (s/qt):	28	Pm (cc):	0.2
PV (cp):	2	Pf (cc):/Mf (cc):	0.2 / 0.6
YP (lbf/100ft²):	1	Chloride (ppm):	9,000
Gels ():	1/2/	Calcium:	
WL (cc/30min):		LCM:	
HTHP:		ES (mV):	
Cake (32nd"):		LGS:	
Solids:		Ex Lime (ppb):	
ECD (ppg):	8.9	OWR:	/

MUD MATERIALS

D M Cost($): $665.07
C M Cost($): $3,049.07

Mud Additives	Used
LIME	4
GEL, FRESH	35
CEDAR FIBER	10
VISMATER	1
COTTONSEED HULLS	9
TAXES	55

BIT RECORD

Bit#		1
S/N		
Size (in)		17.50
Mfg		
IADC Type		
Model #		RR616
Jets		
Depth In (ft)		80
Depth Out (ft)		
Bit Rotations		/
On Btm Hrs		10.00
Footage (ft)		758
ROP		75.8
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		0.00
HSI		0.00
PSI Drop (psi)		0.00
Jet Vel (ft/s)		0.00
Imp Force		0.00

Grading: I O D L B G O R
Bit #
Bit # 1

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	

INVENTORY

Item	Inv
DIESEL	7,272

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: @ (%)
Conn Gas: @ (%)
Form:
BG Gas: (%)
Pore Pressure: (%)
Surf to Surf:
Lag Strokes:
Lag Time: (min)

BHA # 1

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
	PDC BIT		17.500	1.00	1.00
1		3.000	8.750	3.88	4.88
1		8.062	2.937	12.27	17.15
1		2.750	8.000	30.47	47.62
1		2.812	8.062	5.08	52.70
5		2.750	8.000	153.82	206.52
1	X-O SUB	2.875	7.625	3.09	209.61
6		2.750	6.437	181.78	391.39
1		2.500	6.500	3.62	395.01
14		3.000	6.562	427.38	822.39
				Total Length:	822.39

STRING LOADS

On Btm Torque:
Off Btm Torque:
Str. Wt. Up:
Str. Wt. Down:
Str. Wt. Rot.:

BHA PROPERTIES

BHA Hrs: 10
Jar Hrs:
Motor Hrs:
Motor PSI Drop (kip):
Weight B Jars (kip):

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 557 SPP (psi): 790
AV (DC): AV (DP):

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
9,042	90.50	180.80	7,191	-2,343.64	-32.37	-2,343.64	0.00
9,762	90.50	180.80	7,185	-3,063.54	-42.42	-3,063.54	0.00
10,122	90.50	180.80	7,182	-3,423.49	-47.45	-3,423.49	0.00
10,482	90.50	180.80	7,179	-3,783.44	-52.47	-3,783.44	0.00
10,842	90.50	180.80	7,176	-4,143.40	-57.50	-4,143.40	0.00
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00
0	0.00	0.00	0	0.00	0.00	0.00	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	DRLSURF	12	RIGSVC	RIG SERVICE
06:30	08:00	1.50	P	DRLSURF	42	OTHER	PUMP THRU LINES, CLOSE IN AND SURFACE PRESSURE TEST TO 1K, DROP W.L.S @ 80' - 0.25*
08:00	14:30	6.50	P	DRLSURF	07	DRLVERT	TIH WITH SURFACE BHA AND TAG UP @ 100' SPUD IN AND DRILLING AHEAD F/ 100' - 285' DRILLING AHEAD WITH OUT RIG MONITOR, TROUBLESHOOTING AND REPLACING RIG FLOOR TOTCO EQUIPMENT.
14:30	15:00	0.50	P	DRLSURF	11	WIRESUR	W.L.S @ 240' -- 0.5*
15:00	19:30	4.50	P	DRLSURF	07	DRLVERT	DRLG. F/ 285' TO 560' (275').
19:30	20:00	0.50	P	DRLSURF	15	CIRC	PUMP 30 BBL. LCM SWEEP & W.L.S. @ 518' - @ 0.5*
20:00	23:00	3.00	P	DRLSURF	07	DRLVERT	DRLG. F/ 560' TO 772' (212')
23:00	23:30	0.50	N	DRLSURF	42	OTHER	DRESSER SLEEVE DISCONNECTED FROM FLOW LINE TIGHTENED SAME.
23:30	00:00	0.50	P	DRLSURF	07	DRLVERT	DRLG. F/ 772' TO 802' (30')
00:00	00:30	0.50	P	DRLSURF	11	WIRESUR	W.L.S. @ 760'--0.75*
00:30	01:00	0.50	P	DRLSURF	07	DRLVERT	DRLG. F/ 802 TO 858' (56')
01:00	01:30	0.50	P	DRLSURF	15	CIRC	PUMP LCM SWEEP CIRC. HOLE CLEAN TO MAKE WIPER TRIP
01:30	02:30	1.00	P	DRLSURF	13	TRIP	POOH TO 8" DRILL COLLARS
02:30	03:00	0.50	P	DRLSURF	13	TRIP	TRIP BACK TO BOTTOM AND BREAK CIRCULATION
03:00	04:00	1.00	P	DRLSURF	15	CIRC	MIX AND PUMP HI-VIS SWEEP TO INSURE GOOD HOLE CLEANING PRIOR POOH FOR CASING
04:00	06:00	2.00	P	DRLSURF	13	TRIP	POOH, AND LAY DOWN BHA TO RUN SURFACE CASING

Daily Operations Comments
TRRC: KATHY JKL @ 17:30 5-1-2011

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	KEITH GREEN / R.SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	007
Report Date:	05/03/2011
Spud Date:	
Release Date:	
DFS: 1.75	DOL: 7 AFE Days:
Last BOP T.:	
Safety & Environmental Incident:	No

Depth md/tvd (ft):	858.00 / 858.00
Progress (ft):	0.00
ROP:	0.0 / = 0.00
Proposed TD (ft):	12,000.00
Next Csg Point:	0.00

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,719.61
Ground Level (ft):	2,703.0
POB:	29
Total Man Hours:	304.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	90,948	0	0	90,948
Cum Cost($)	494,382	0	0	494,382
AFE($):	0	0	0	0

Current Activity: N/U B.O.P.'S

24 Hr Summary: POOH, L/D BHA #1 PICK UP AND RUN 13-3/8" CASING AND CEMENT SAME, NIPPLE UP OPERATIONS AND TEST.

24 Hr Forecast: N/U B.O.P.'S, AND SURFACE TEST SAME, PICK UP BHA #2

MUD PROPERTIES

Fluids Co.:			
Fluids Eng:	IAN SMITH		
Time:	6:01	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	100
Pit Temp:		Sand Cnt:	
Depth (ft):	858.00	MBT:	
Density (ppg):	8.70	pH:	8.0
FV (s/qt):	28	Pm (cc):	0.2
PV (cp):	2	Pf (cc):/Mf (cc):	0.2 / 0.6
YP (lbf/100ft²):	1	Chloride (ppm):	9,000
Gels ():	1/2/	Calcium:	
WL (cc/30min):		LCM:	
HTHP:		ES (mV):	
Cake (32nd"):		LGS:	
Solids:		Ex Lime (ppb):	
ECD (ppg):	8.9	OWR:	/

MUD MATERIALS

D M Cost($):	$0.00
C M Cost($):	$3,049.07

Mud Additives	Used

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		
Depth In (ft)		
Depth Out (ft)		
Bit Rotations		
On Btm Hrs		
Footage (ft)		
ROP		
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		
HSI		
PSI Drop (psi)		
Jet Vel (ft/s)		
Imp Force		

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit #								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	

INVENTORY

Item	Inv
DIESEL	6,522

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas:	@ (%)	BG Gas:	(%)	Surf to Surf:	
Conn Gas:	@ (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BHA # 1

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
	PDC BIT		17.500	1.00	1.00
1		3.000	8.750	3.88	4.88
1		8.062	2.937	12.27	17.15
1		2.750	8.000	30.47	47.62
1		2.812	8.062	5.08	52.70
5		2.750	8.000	153.82	206.52
1	X-O SUB	2.875	7.625	3.09	209.61
6		2.750	6.437	181.78	391.39
1		2.500	6.500	3.62	395.01
14		3.000	6.562	427.38	822.39
				Total Length:	822.39

STRING LOADS

On Btm Torque:
Off Btm Torque:
Str. Wt. Up:
Str. Wt. Down:
Str. Wt. Rot.:

BHA PROPERTIES

BHA Hrs:
Jar Hrs:
Motor Hrs:
Motor PSI Drop (kip):
Weight B Jars (kip):

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm):	SPP (psi):
AV (DC):	AV (DP):

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
9,042	90.50	180.80	7,191	-2,343.64	-32.37	-2,343.64	0.00
9,762	90.50	180.80	7,185	-3,063.54	-42.42	-3,063.54	0.00
10,122	90.50	180.80	7,182	-3,423.49	-47.45	-3,423.49	0.00
10,482	90.50	180.80	7,179	-3,783.44	-52.47	-3,783.44	0.00
10,842	90.50	180.80	7,176	-4,143.40	-57.50	-4,143.40	0.00
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00
0	0.00	0.00	0	0.00	0.00	0.00	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	P	DRLSURF	13	TRIP	BREAK OUT AND LAY DOWN SHOCK-SUB & BIT AND CLEAR RIG FLOOR FOR CASING OPERATIONS
08:00	10:30	2.50	P	DRLSURF	42	OTHER	REMOVE MOUSE HOLE, FLOWLINE AND TURNBUCKLES, NIPPLE DOWN CONDUCTOR AND MAKE ROUGH CUT, THEN FINAL CUT
10:30	16:30	6.00	P	CASINT1	24	RUNCAS	RIG UP AND RUN 19 JOINTS OF 13-3/8" J-55 ST&C 54.5# CASING, PICK UP HIGH SPEED HEAD, INSTALL 2" VALVE
16:30	17:00	0.50	P	CASINT1	42	OTHER	RIG DOWN AND RELEASE CASING CREW, CLEAR FLOOR FOR HALCO CEMENT OPERATIONS
17:00	18:00	1.00	P	CASINT1	25	PRIMCEM	RIG UP HALCO CEMENT, CIRCULATING PRIOR TO CEMENT TO INSURE GOOD CIRCULATION
18:00	18:30	0.50	P	CASINT1	25	PRIMCEM	CIRC. W/ RIG PUMP, (5X5 COMM. CHECK EQUIP.).
18:30	21:30	3.00	P	CASINT1	25	PRIMCEM	S/M W/ HALLI. SWITCH LINES, TEST TO 1000 PSI. PUMP FRESH WATER SPACER 1, 5 BBLS P.M. 20 BBLS. CSG. 107.0 PSIG. PUMP LEAD CMT. 5 BBLS P.M. 123 BBLS. CSG. 131.0 PUMP 380 SKS. OF CMT.@ 12.9 LB. YIELD 1.81-WTR. 9.63= 123 BBLS. OF CMT. PUMP TAIL CMT. 5 BBLS. P.M. 82 BBLS. CSG. 175.0 PSIG. PUMP 340 SKS. OF CMT. @ 14.8 LB--YIELD 1.35 WTR. 6.37=82 BBLS. CMT. DROP CMT. PLUG PUMP DISP. 5 BBLS P.M. CSG. 46 PSIG. PUMP FRESH WATER., DISP. REACHED CMT. BUMP PLUG, 3 BBLS P.M. 124 BBLS TOTAL CSG. 250 PSIG. FINAL CIRC. PRESSURE. CSG. 730 PSIG. CHECK FLOATS/ FLOATS HELD/ PRESSURE WAS HELD 5 MIN. / BLED BACK 1/2 BBL.CIRC. 260 SKS.-84 BBLS. OF CMT.S/M W/ HALLI. RIG DOWN
21:30	23:30	2.00	P	CASINT1	29	NDBOPE	N/D LANDING JT. FLANGE AND L/D SAME
23:30	01:00	1.50	P	CASINT1	27	TSTWHEQ	M/U "B" SECTION
01:00	04:30	3.50	P	CASINT1	28	NUBOPE	M/U MUD CROSS ON 10,000 TO 5,000 PSI.
04:30	06:00	1.50	P	CASINT1			R/D CSG. ELEVATORS AND BAILS WAITING ON 24" SPOOL HOT SHOT DELIVERY TO MATCH 5K STACK CONNECTIONS

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	KEITH GREEN / R.SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	008
Report Date:	05/04/2011
Spud Date:	
Release Date:	
DFS: 2.75	DOL: 8 AFE Days:
Last BOP T.:	
Safety & Environmental Incident:	No

Depth md/tvd (ft):	858.00 / 858.00
Progress (ft):	0.00
ROP:	0.0 / = 0.00
Proposed TD (ft):	12,000.00
Next Csg Point:	0.00

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,719.61
Ground Level (ft):	2,703.0
POB:	23
Total Man Hours:	280.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	33,796	0	0	33,796
Cum Cost($)	504,436	23,742	0	528,177
AFE($):	0	0	0	0

Current Activity: INST BELL NIPPLE, LOADING BHA ON PIPE RACKS.

24 Hr Summary: R/U RAN 19 JTS. 13 3/8" 54.5 J-55 CSG., CIRC. 1 HR. R/U HALLI. CMT. N/D LJ. FLANGE, M/U "B" SECTION, MUD CROSS. INST. BAILS & P/U LINE ON BLOCK WHILE WAITING ON 24" DRLG. SPOOL, N/U B.O.P.'S.

24 Hr Forecast: N/U B.O.P.'S, AND SURFACE TEST SAME, PICK UP BHA #2

MUD PROPERTIES

Fluids Co.:			
Fluids Eng:	James Bakke		
Time:	4:50	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	95
Pit Temp:		Sand Cnt:	
Depth (ft):	858.00	MBT:	
Density (ppg):	9.20	pH:	8.0
FV (s/qt):	28	Pm (cc):	0.2
PV (cp):	1	Pf (cc):/Mf (cc):	0.2 / 0.6
YP (lbf/100ft²):	2	Chloride (ppm):	9,000
Gels ():	1/2/	Calcium:	
WL (cc/30min):		LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.40
Solids:		Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$0.00
C M Cost($):	$3,049.07

Mud Additives	Used

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		
Depth In (ft)		
Depth Out (ft)		
Bit Rotations		
On Btm Hrs		
Footage (ft)		
ROP		
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		
HSI		
PSI Drop (psi)		
Jet Vel (ft/s)		
Imp Force		

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit #								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	

INVENTORY

Item	Inv
DIESEL	6,104

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas:	@ (%)	BG Gas:	(%)	Surf to Surf:	
Conn Gas:	@ (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm):	SPP (psi):
AV (DC):	AV (DP):

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
9,042	90.50	180.80	7,191	-2,343.64	-32.37	-2,343.64	0.00
9,762	90.50	180.80	7,185	-3,063.54	-42.42	-3,063.54	0.00
10,122	90.50	180.80	7,182	-3,423.49	-47.45	-3,423.49	0.00
10,482	90.50	180.80	7,179	-3,783.44	-52.47	-3,783.44	0.00
10,842	90.50	180.80	7,176	-4,143.40	-57.50	-4,143.40	0.00
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00
0	0.00	0.00	0	0.00	0.00	0.00	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	CASINT1	28	NUBOPE	RIG SERVICE
06:30	08:00	1.50	P	CASINT1	28	NUBOPE	INST. BAILS & P/U LINES ON BLOCK WHILEWAITING ON 24" DRLG. SPOOL
08:00	12:00	4.00	P	CASINT1	28	NUBOPE	S/M W/ RIG CREW AND MONAHAN TORQUE UP CREW AND N/U CREW.(STAY CLEAR OF SUSPENDED LOAD, GOOD COMM. & FLAGGING.
12:00	14:00	2.00	P	CASINT1	28	NUBOPE	S/M W/ MONAHAN TORQUE UP CREW
14:00	16:00	2.00	P	CASINT1	28	NUBOPE	INST. THREAD NIPPLES AND R/U HYD. LINES CHANGE OUT TOP RAMS,F/ROM 4" TO 5"
16:00	18:00	2.00	P	CASINT1	28	NUBOPE	S/M W/ RIG PERSONNEL & MONAHAN TESTERS. P/U M/U TEST JT. & TEST PLUG. FILL STACK WITH WATER, ATTEMPT TO TEST ANNULAR, NO TEST LEAKED. TEST TOP RAMS, KILL LINE,VALVE AND HCR VALVE. LOW 250 HI 3000
18:00	20:30	2.50	P	CASINT1	30	TSTWCEQ	TEST CHOKE, & RELATED VALVES, BLINDS 250 LO 3K HI, ANNULAR 250--2000K, HYDRILL 250--3000K
20:30	00:00	3.50	P	CASINT1	30	TSTWCEQ	N/U TURNBUCKLES, CENTER HOLE, INSTALL VENT LINES & 4" LINES F/ CHOKE TO GAS BUSTER
00:00	01:00	1.00	P	CASINT1	28	NUBOPE	INST. WEAR BUSHING & LOCK DOWN.
01:00	04:30	3.50	P	CASINT1	28	NUBOPE	WAITING ON WELDER (ARRIVED @ 0230) WELDER REFAB BELL NIPPLE TO FIT HEIGHT OF FLOW LINE
04:30	06:00	1.50	P	CASINT1	28	NUBOPE	P/U & INST. BELL NIPPLE, INST. FLOW LINE DRESSER SLEEVE

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: L.R. WOODS / L.J. CALLAIS
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 009
Report Date: 05/05/2011
Spud Date: 05/01/2011
Release Date:
DFS: 3.75 DOL: 9 AFE Days:
Last BOP T.: 05/03/2011
Safety & Environmental Incident: No

Depth md/tvd (ft): 1,832.00 / 1,831.97
Progress (ft): 974.00
ROP: 974.0 / 12.50 = 77.92
Proposed TD (ft): 12,000.00
Next Csg Point: 5,310.01

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,719.61
Ground Level (ft): 2,703.0
POB: 18 Total Man Hours: 220.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	28,172	0	0	28,172
Cum Cost($)	532,608	23,742	0	556,349
AFE($):	0	0	0	0

Current Activity: DRILLING AHEAD
24 Hr Summary: PICK UP BHA , SHOE TEST, DRILL FLOAT, DRILL NEW HOLE
24 Hr Forecast: DRILLING

MUD PROPERTIES

Fluids Co.:
Fluids Eng: James Bakke

Time:	4:55	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	89
Pit Temp:		Sand Cnt:	
Depth (ft):	1,692.00	MBT:	
Density (ppg):	10.00	pH:	8.0
FV (s/qt):	29	Pm (cc):	0.2
PV (cp):	1	Pf (cc):/Mf (cc):	0.2 / 0.6
YP (lbf/100ft²):	2	Chloride (ppm):	9,000
Gels ():	1/2/	Calcium:	
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	2.00
Solids:		Ex Lime (ppb):	
ECD (ppg):	10.0	OWR:	/

MUD MATERIALS

D M Cost($): $639.31
C M Cost($): $3,688.38

Mud Additives	Used
FIBER PLUG	10
GEL, FRESH	35
WRAPS	4
PAPER	9
TAXES	1

MUD LOGGING

Trip Gas:	0 @ (%)	BG Gas:	0 (%)	Surf to Surf:	
Conn Gas:	0 @ (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BIT RECORD

Bit#		2
S/N		128750
Size (in)		12.25
Mfg		REED/HYCALOG
IADC Type		
Model #		DSR616 D J-1
Jets		6X14
Depth In (ft)		858
Depth Out (ft)		
Bit Rotations		130/200
On Btm Hrs		12.50
Footage (ft)		977
ROP		78.2
WOB mn/mx (kip)	/	10 / 15
RPM rot/bit	/	130 / 200
Bit HP		2.29
HSI		2.54
PSI Drop (psi)		667.69
Jet Vel (ft/s)		273.18
Imp Force		1,086.94

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # 2								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	5,310.01 / 5,310.01	12.04

INVENTORY

Item	Inv
DIESEL	5,175

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

BHA # 2 DRILL II

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC BIT	3.000	12.250	1.00	1.00
1	7/8 4.0 STAGE .16 REV/GAL MOTO	2.750	7.750	27.47	28.47
1	FLOAT SUB	3.000	8.000	2.50	30.97
1	DRILL COLLAR	2.875	8.000	30.47	61.44
1	ROLLER REAMER	2.875	8.000	10.41	71.85
1	DRILL COLLAR	2.875	8.000	29.94	101.79
1	ROLLER REAMER	2.875	8.000	10.18	111.97
4	DRILL COLLAR	2.875	8.000	123.88	235.85
1	CROSS OVER	2.750	8.000	3.09	238.94
6	DRILL COLLAR	2.750	6.500	181.78	420.72
1	CROSS OVER	2.750	6.500	3.62	424.34
14	Heavy Weight, Heavy Weight Drill P	3.000	5.000	427.38	851.72
				Total Length:	851.72

STRING LOADS

On Btm Torque:	220
Off Btm Torque:	100
Str. Wt. Up:	110
Str. Wt. Down:	100
Str. Wt. Rot.:	95

BHA PROPERTIES

BHA Hrs:	13
Jar Hrs:	
Motor Hrs:	13
Motor PSI Drop (kip):	
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 768 SPP (psi): 2,659
AV (DC): AV (DP):

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
9,762	90.50	180.80	7,185	-3,063.54	-42.42	-3,063.54	0.00
10,122	90.50	180.80	7,182	-3,423.49	-47.45	-3,423.49	0.00
10,482	90.50	180.80	7,179	-3,783.44	-52.47	-3,783.44	0.00
10,842	90.50	180.80	7,176	-4,143.40	-57.50	-4,143.40	0.00
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00
0	0.00	0.00	0	0.00	0.00	0.00	0.00
1,477	0.50	0.00	1,477	6.44	0.00	6.44	0.03

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	DRLINT1	30	TSTWCEQ	CENTER BOP'S WITH TURNBUCKELS
06:30	07:30	1.00	P	DRLINT1	12	RIGSVC	RIG SERVICE
07:30	09:00	1.50	P	DRLINT1	13	TRIP	MEASURE & CALIPER BHA
09:00	12:00	3.00	P	DRLINT1	13	TRIP	PICK UP BHA T.I.H. TAG CEMENT
12:00	12:30	0.50	P	DRLINT1	31	TESTCAS	TEST CSG TO 1000 PSI
12:30	15:00	2.50	P	DRLINT1	72	DRLCMT	DRILL OUT FLOAT EQUIP AND SHOE TRACK
15:00	15:30	0.50	P	DRLINT1	07	DRLVERT	DRILL FROM 855 TO 867'
15:30	16:00	0.50	P	DRLINT1	33	LOTFIT	SHOE TEST TO EMW 12#
16:00	17:00	1.00	N	DRLINT1	45	RRCIRC	CHANGE OUT PLUG ON #1 PUMP MOTOR
17:00	18:00	1.00	P	DPDCOND	07	DRLVERT	DRILL FROM 867' TO 987'
18:00	23:59	5.98	P	DRLINT1	07	DRLVERT	DRILL FROM 987' TO 1456'
23:59	01:00	1.02	P	DRLINT1	07	DRLVERT	DRILL FROM 1456' TO 1518'
01:00	01:30	0.50	P	DRLINT1	11	WIRESUR	WIRE LINE SURVEY @ 1477' .5 DEG.
01:30	06:00	4.50	P	DRLINT1	07	DRLVERT	DRILL FROM 1518' TO 1832

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: L.R. WOODS / DENNIS BRANDL
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 010
Report Date: 05/06/2011
Spud Date: 05/01/2011
Release Date:
DFS: 4.75 DOL: 10 AFE Days:
Last BOP T.: 05/03/2011
Safety & Environmental Incident: No

Depth md/tvd (ft): 3,070.01 / 3,069.93
Progress (ft): 0.00
ROP (ft/hr): 0.0 / 22.00 = 56.27
Proposed TD (ft): 12,000.00
Next Csg Point: 5,310.01

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,719.61
Ground Level (ft): 2,703.0
POB: 18 Total Man Hours: 220.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	73,428	0	0	36,714
Cum Cost($)	606,035	23,742	0	593,063
AFE($):	0	0	0	0

Current Activity: DRILLING @ 3070'
24 Hr Summary: DRILLING TO 2496', W.L. SUR. @ 2428'- .5 DEG., DRILLING TO 2724', CHANGE VALVE & SEAT IN # 1 PUMP, DRILL F/ 2724' TO 3070'
24 Hr Forecast: DRILLING TO 9 5/8 CSG. POINT

MUD PROPERTIES

Fluids Co.:
Fluids Eng: James Bakke

Time:	4:37	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	91
Pit Temp:		Sand Cnt:	
Depth (ft):	2,973.01	MBT:	
Density (ppg):	9.80	pH:	11.0
FV (s/qt):	28	Pm (cc):	0.1
PV (cp):	1	Pf (cc):/Mf (cc):	0.1 / 0.3
YP (lbf/100ft²):	2	Chloride (ppm):	125,000
Gels ():	1/2/	Calcium (ppm):	560.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	2.00	LGS (%):	2.00
Solids (lbm/bbl):	2	Ex Lime (ppb):	
ECD (ppg):	9.8	OWR:	/

MUD MATERIALS

D M Cost($): $11,712.52
C M Cost($): $15,400.90

Mud Additives	Used
PAPER	9
TAXES	170
BRINE WATER	200
LIME	36
CAUSTIC SODA	25
MF-55	3
WRAPS	2
BRINE TRANSPORTATIC	745
GEL, FRESH	35

MUD LOGGING

Trip Gas:	0 @ (%)	BG Gas:	3 (%)	Surf to Surf:	
Conn Gas:	0 @ (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BIT RECORD

Bit#		2
S/N		128750
Size (in)		12.25
Mfg		REED/HYCALOG
IADC Type		
Model #		DSR616 D J-1
Jets		6X14
Depth In (ft)		858
Depth Out (ft)		
Bit Rotations		55/75
On Btm Hrs		34.50
Footage (ft)		2,215
ROP		64.2
WOB mn/mx (kip)	/	20 / 25
RPM rot/bit	/	55 / 75
Bit HP		1.68
HSI		1.86
PSI Drop (psi)		540.00
Jet Vel (ft/s)		248.17
Imp Force		879.07

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # 2								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	/ 5,310.01 / 5,310.01 /	12.04

INVENTORY

Item	Inv
DIESEL	3,710

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

BHA # 2 DRILL II

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC BIT	3.000	12.250	1.00	1.00
1	7/8 4.0 STAGE .16 REV/GAL MOTC	2.750	7.750	27.47	28.47
1	FLOAT SUB	3.000	8.000	2.50	30.97
1	DRILL COLLAR	2.875	8.000	30.47	61.44
1	ROLLER REAMER	2.875	8.000	10.41	71.85
1	DRILL COLLAR	2.875	8.000	29.94	101.79
1	ROLLER REAMER	2.875	8.000	10.18	111.97
4	DRILL COLLAR	2.875	8.000	123.88	235.85
1	CROSS OVER	2.750	8.000	3.09	238.94
6	DRILL COLLAR	2.750	6.500	181.78	420.72
1	CROSS OVER	2.750	6.500	3.62	424.34
14	HEAVY WT. D.P.	3.000	5.000	427.38	851.72
	DRILL PIPE	4.267	5.000	2,218.28	3,070.01
				Total Length:	3,070.01

STRING LOADS

On Btm Torque:	200
Off Btm Torque:	100
Str. Wt. Up:	135
Str. Wt. Down:	130
Str. Wt. Rot.:	130

BHA PROPERTIES

BHA Hrs:	22
Jar Hrs:	
Motor Hrs:	22
Motor PSI Drop (kip):	0
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 698 SPP (psi): 1,850
AV (DC): 198 AV (DP): 136

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
10,122	90.50	180.80	7,182	-3,423.49	-47.45	-3,423.49	0.00
10,482	90.50	180.80	7,179	-3,783.44	-52.47	-3,783.44	0.00
10,842	90.50	180.80	7,176	-4,143.40	-57.50	-4,143.40	0.00
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00
0	0.00	0.00	0	0.00	0.00	0.00	0.00
1,477	0.50	0.00	1,477	6.44	0.00	6.44	0.03
2,428	0.50		2,428	14.74	0.00	14.74	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	15:00	9.00	P	DRLINT1	07	DRLVERT	DRILL 1832'- 2496'- 665'- 73.9 F/H MW 10.1 VIS. 29
15:00	16:00	1.00	P	DRLINT1	11	WIRESUR	C.B.U. W.L. SURVEY @ 2428'- .5 DEG.
16:00	21:00	5.00	P	DRLINT1	07	DRLVERT	DRILL 2496'- 2724'- 228'- 45.6 F/H MW 10. VIS. 29
21:00	22:00	1.00	N	DRLINT1	42	OTHER	CHANGE OUT SEAT &VALVE # 1 PUMP, CIRC. W/ # 2 PUMP
22:00	06:00	8.00	P	DRLINT1	07	DRLVERT	DRILL F/ 2724' - 3070'- 346'- 43.2 F/H MUD WT. 9.8 VIS 28 CHLORIDES 125,000

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	L.R. WOODS / DENNIS BRANDL
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	011
Report Date:	05/07/2011
Spud Date:	05/01/2011
Release Date:	
DFS: 5.75	DOL: 11 AFE Days:
Last BOP T.:	05/03/2011
Safety & Environmental Incident:	No

Depth md/tvd (ft):	4,022.01 / 4,021.89
Progress (ft):	952.00
ROP (ft/hr):	952.0 / 22.50 = 42.31
Proposed TD (ft):	12,000.00
Next Csg Point:	5,310.01

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,719.61
Ground Level (ft):	2,703.0
POB:	21
Total Man Hours:	228.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	46,096	0	0	46,096
Cum Cost($)	619,013	23,742	0	642,754
AFE($):	0	0	0	0

Current Activity: DRILLING @ 4022'

24 Hr Summary: DRILL F/ 3070' TO 3419', RIG SERVICE, CHANGE LINER & SWAB IN # 1 MUD PUMP, DRILL F/ 3419' TO 3483', CIRC. AND SURVEY @ 3414' (.50)DRILL F/ 3483' TO 4022'

24 Hr Forecast: DRILLING TO 9 5/8 CSG. POINT

MUD PROPERTIES

Fluids Co.:			
Fluids Eng:	James Bakke		
Time:	4:51	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	91
Pit Temp:		Sand Cnt:	
Depth (ft):	3,901.01	MBT:	
Density (ppg):	9.70	pH:	11.0
FV (s/qt):	28	Pm (cc):	0.2
PV (cp):	1	Pf (cc):/Mf (cc):	0.2 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	97,000
Gels ():	1/2/	Calcium (ppm):	400.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	2.00	LGS (%):	3.40
Solids (lbm/bbl):	4	Ex Lime (ppb):	
ECD (ppg):	9.7	OWR:	/

MUD MATERIALS

D M Cost($):	$1,070.45
C M Cost($):	$7,801.35

Mud Additives	Used
LIME	4
GEL, FRESH	15
PAPER	3
MF-55	4
CAUSTIC SODA	10
WRAPS	1
TAXES	1

BIT RECORD

Bit#		2
S/N		128750
Size (in)		12.25
Mfg		REED/HYCALOG
IADC Type		
Model #		DSR616 D J-1
Jets		6X14
Depth In (ft)		858
Depth Out (ft)		
Bit Rotations		70/90
On Btm Hrs		57.00
Footage (ft)		3,167
ROP		55.6
WOB mn/mx (kip)	/	25 / 30
RPM rot/bit	/	70 / 90
Bit HP		1.21
HSI		1.35
PSI Drop (psi)		432.94
Jet Vel (ft/s)		223.35
Imp Force		704.78

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # 2								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	5,310.01 / 5,310.01	12.04

INVENTORY

Item	Inv
DIESEL	2,115

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas:	0 @ 0 (%)	BG Gas:	33 (%)	Surf to Surf:	
Conn Gas:	0 @ 0 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BHA # 2 DRILL II

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC BIT	3.000	12.250	1.00	1.00
1	7/8 4.0 STAGE .16 REV/GAL MOTO	2.750	7.750	27.47	28.47
1	FLOAT SUB	3.000	8.000	2.50	30.97
1	DRILL COLLAR	2.875	8.000	30.47	61.44
1	ROLLER REAMER	2.875	8.000	10.41	71.85
1	DRILL COLLAR	2.875	8.000	29.94	101.79
1	ROLLER REAMER	2.875	8.000	10.18	111.97
4	DRILL COLLAR	2.875	8.000	123.88	235.85
1	CROSS OVER	2.750	8.000	3.09	238.94
6	DRILL COLLAR	2.750	6.500	181.78	420.72
1	CROSS OVER	2.750	6.500	3.62	424.34
14	HEAVY WT. D.P.	3.000	5.000	427.38	851.72
	DRILL PIPE	4.267	5.000	2,218.28	3,070.01
				Total Length:	3,070.01

STRING LOADS

On Btm Torque:	240
Off Btm Torque:	120
Str. Wt. Up:	152
Str. Wt. Down:	148
Str. Wt. Rot.:	125

BHA PROPERTIES

BHA Hrs:	23
Jar Hrs:	
Motor Hrs:	23
Motor PSI Drop (kip):	155
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm):	627	SPP (psi):	1,900
AV (DC):	198	AV (DP):	136

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
10,122	90.50	180.80	7,182	-3,423.49	-47.45	-3,423.49	0.00
10,482	90.50	180.80	7,179	-3,783.44	-52.47	-3,783.44	0.00
10,842	90.50	180.80	7,176	-4,143.40	-57.50	-4,143.40	0.00
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00
0	0.00	0.00	0	0.00	0.00	0.00	0.00
1,477	0.50	0.00	1,477	6.44	0.00	6.44	0.03
2,428	0.50		2,428	14.74	0.00	14.74	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	16:00	10.00	P	DRLINT1	07	DRLVERT	DRILLING 3070'- 3419'- 349'- 34.9 F/H MW 10. VIS. 29 732 GPM - 70 RPM - 25-30 WOB
16:00	16:30	0.50	P	DRLINT1	12	RIGSVC	RIG MAINTENANCE
16:30	17:00	0.50	P	DRLINT1	12	RIGSVC	CHANGE SWAB & LINER IN #1 PUMP
17:00	18:30	1.50	P	DRLINT1	07	DRLVERT	DRILLING 3419'- 3483'- 64'- 42.6 F/H MW 10. VIS. 29 628 GPM - 70 RPM - 25-30 WOB
18:30	19:00	0.50	P	DRLINT1	11	WIRESUR	CIRC. & W.L. SURVEY @ 3414'- ..5*
19:00	06:00	11.00	P	DRLINT1	07	DRLVERT	DRILL F/ 3483' TO 4022' 49 FPH MUD WT. 9.7 VIS 28 CHLORIDES 97,000 628 GPM 90 RPM, WOB 25/30

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	L.R. WOODS / DENNIS BRANDL
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	012
Report Date:	05/08/2011
Spud Date:	05/01/2011
Release Date:	
DFS: 6.75	DOL: 12 AFE Days:
Last BOP T.:	05/03/2011
Safety & Environmental Incident:	No

Depth md/tvd (ft):	4,374.01 / 4,373.88
Progress (ft):	352.00
ROP (ft/hr):	352.0 / 11.50 = 30.61
Proposed TD (ft):	12,000.00
Next Csg Point:	5,310.01

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,719.61
Ground Level (ft):	2,703.0
POB:	19
Total Man Hours:	217.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	64,876	0	0	64,876
Cum Cost($)	683,889	23,742	0	707,630
AFE($):	0	0	0	0

Current Activity: DRILL W/ 9.2 MUD WT, PUMPING LCM SWEEPS, DRILLING @ 4374 W/ SEAPAGE

24 Hr Summary: DRILL F/ 4020 TO 4080', LOST RETURNS, TOOH, L/D MUD MOTOR, STAGE IN HOLE CUTTING MUD WT. TO 9.3, , PUMP 50 BBL. LCM PILL. DRILL F/ 4080' TO 4185'/ PARCIAL RETURNS, PUMPING LCM SWEEPS, DRILL TO 4222,LOST RETURNS, PUMP PILL. DRILL F/ 4222 TO4374';,

24 Hr Forecast: DRILLING TO 9 5/8 CSG. POINT

MUD PROPERTIES

Fluids Co.:			
Fluids Eng:	James Bakke		
Time:	5:09	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	95
Pit Temp:		Sand Cnt:	
Depth (ft):	4,313.01	MBT:	
Density (ppg):	9.15	pH:	12.0
FV (s/qt):	28	Pm (cc):	0.2
PV (cp):	1	Pf (cc):/Mf (cc):	0.2 / 0.4
YP (lbf/100ft²):	2	Chloride (ppm):	70,000
Gels ():	1/2/	Calcium (ppm):	320.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	2.00	LGS (%):	1.10
Solids (lbm/bbl):	11	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$4,024.06
C M Cost($):	$11,825.41

Mud Additives	Used
GEL, FRESH	42
CORROSION INHIBITOR	20
WRAPS	6
PAPER	27
MF-55	2
VISMATER	1
TAXES	1
OXYGEN SCAVENGER	5
COTTONSEED HULLS	36
TRUCKING	1
CEDAR FIBER	30
CAUSTIC SODA	5
MAGMA FIBER	4
PALLETS	15
more...	

MUD LOGGING

Trip Gas:	0 @ 0 (%)	BG Gas:	41 (%)	Surf to Surf:	
Conn Gas:	124 @ 124 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BIT RECORD

Bit#		2
S/N		128750
Size (in)		12.25
Mfg		REED/HYCALOG
IADC Type		
Model #		DSR616 D J-1
Jets		6X14
Depth In (ft)		858
Depth Out (ft)		
Bit Rotations		90/120
On Btm Hrs		68.50
Footage (ft)		3,461
ROP		50.5
WOB mn/mx (kip)	/	12 / 30
RPM rot/bit	/	90 / 120
Bit HP		0.34
HSI		0.38
PSI Drop (psi)		181.97
Jet Vel (ft/s)		148.68
Imp Force		296.23

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # 2								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	5,310.01 / 5,310.01 / /	12.04

INVENTORY

Item	Inv
DIESEL	6,825

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

BHA # 2 DRILL II

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC BIT	3.000	12.250	1.00	1.00
1	BIT SUBFLOAT SUB	3.000	8.000	3.00	4.00
1	DRILL COLLAR	2.875	8.000	30.47	34.47
1	ROLLER REAMER	2.875	8.000	10.41	44.88
1	DRILL COLLAR	2.875	8.000	29.94	74.82
1	ROLLER REAMER	2.875	8.000	10.18	85.00
4	DRILL COLLAR	2.875	8.000	123.88	208.88
1	CROSS OVER	2.750	8.000	3.09	211.97
6	DRILL COLLAR	2.750	6.500	181.78	393.75
1	CROSS OVER	2.750	6.500	3.62	397.37
14	HEAVY WT. D.P.	3.000	5.000	427.38	824.75
	DRILL PIPE	4.267	5.000	3,549.26	4,374.01
				Total Length:	4,374.01

STRING LOADS

On Btm Torque:	300
Off Btm Torque:	100
Str. Wt. Up:	150
Str. Wt. Down:	145
Str. Wt. Rot.:	142

BHA PROPERTIES

BHA Hrs:	2
Jar Hrs:	
Motor Hrs:	2
Motor PSI Drop (kip):	0
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm):	418	SPP (psi):	672
AV (DC):	124	AV (DP):	85

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
10,122	90.50	180.80	7,182	-3,423.49	-47.45	-3,423.49	0.00
10,482	90.50	180.80	7,179	-3,783.44	-52.47	-3,783.44	0.00
10,842	90.50	180.80	7,176	-4,143.40	-57.50	-4,143.40	0.00
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00
0	0.00	0.00	0	0.00	0.00	0.00	0.00
1,477	0.50	0.00	1,477	6.44	0.00	6.44	0.03
2,428	0.50		2,428	14.74	0.00	14.74	0.00

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:30	1.50	P	DRLINT1	07	DRLVERT	DRILLING 4022'- 4080'- 349'- 38.6 F/H MW 9.9 VIS. 29 628 GPM - 80 RPM - 25-30 WOB LOST TOTAL RETURNS WHILE ON BOTTOM DRILLING.
07:30	10:00	2.50	N	DRLINT1	52	LSTCIRC	SET BACK KELLY. P.O.H. TO SHOE @ 855'
10:00	12:30	2.50	N	DRLINT1	52	LSTCIRC	CIRC. HOLE W/ FULL RETURNS WHILE, CUTTING MUD WT. BACK F/ 10# TO 9.3, MIX LCM PILL.
12:30	14:30	2.00	N	DRLINT1	13	TRIP	POOH TO L/D MUD MOTOR AND FLOAT SUB
14:30	15:00	0.50	P	DRLINT1	12	RIGSVC	RIG SERVICE
15:00	16:00	1.00	N	DRLINT1	13	TRIP	M/U BIT, B.S. W/ FLOAT & BAFFLE,TEST C.O.M. T.I.H. TO SHOE
16:00	17:00	1.00	N	DRLINT1	15	CIRC	CIRC. HOLE, CUT MUD WT. BACK F/ 10 # TO 9.3 PPG CIRC.
17:00	18:00	1.00	N	DRLINT1	13	TRIP	T.I.H. IN HOLE TO 3620'
18:00	18:30	0.50	N	DRLINT1	15	CIRC	PUMP OUT 10# MUD TO SURFACE W/ FULL RETURNS
18:30	19:00	0.50	N	DRLINT1	13	TRIP	TIH TO 4080'. HAD FULL RETURNS WHILE T.I.H.
19:00	19:30	0.50	N	DRLINT1	15	CIRC	PUMP 55 BBL. LCM SWEEP. - HAD FULL RETURNS @ START THEN WENT TO APPROX. 90% RETURNS.
19:30	00:00	4.50	P	DRLINT1	07	DRLVERT	DRILLING F/ 4080' TO 4185' - 105'- 23.3 F/H W/ PARCIAL RETURNS, PUMPING LCM PILLS AROUND. MUD WT. 9.3 PPG
00:00	01:00	1.00	P	DRLINT1	07	DRLVERT	DRILL F/ 4185' TO 4222'- 37'- 37 F/H , LOST RETURNS W/9.4 PPG
01:00	01:30	0.50	N	DRLINT1	15	CIRC	PUMP 50 BBL. LCM PILL, REGAIN CIRC.
01:30	06:00	4.50	P	DRLINT1	07	DRLVERT	DRILL F/ 4222' TO 4374'- 152'- 33 7 F/H' W/ PARCIAL RETURNS, PUMP LCM SWEEPS. MUD WT. 9.2PPG

Daily Operations Comments

WILL HAVE TO DRILL TO CSG. DEPTH OF 5300' W/ PARCIAL RETURNS

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: L.R. WOODS / DENNIS BRANDL
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 013
Report Date: 05/09/2011
Spud Date: 05/01/2011
Release Date:
DFS: 7.75 DOL: 13 AFE Days:
Last BOP T.: 05/03/2011
Safety & Environmental Incident: No

Depth md/tvd (ft): 4,919.01 / 4,918.81
Progress (ft): 545.00
ROP (ft/hr): 545.0 / 22.00 = 24.77
Proposed TD (ft): 12,000.00
Next Csg Point: 5,310.01

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,719.61
Ground Level (ft): 2,703.0
POB: 18 Total Man Hours: 216.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	25,975	0	0	25,975
Cum Cost($)	709,864	23,742	0	733,605
AFE($):	0	0	0	0

Current Activity: DRILLING @ 4919'
24 Hr Summary: R/S, W/L SURVEY @ 4333=1DEG.DRILLF/ 4374' TO 4784, CIRC. PRIOR TO SURVEY,W/L SURVEY @ 4743 = 1/4 DEG. DRILL F/ 4784-4919
24 Hr Forecast: DRILLING TO 9 5/8 CSG. POINT

MUD PROPERTIES

Fluids Co.:
Fluids Eng: James Bakke

Time:	4:49	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	93
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	4,886.01	MBT:	
Density (ppg):	9.30	pH:	10.0
FV (s/qt):	28	Pm (cc):	0.1
PV (cp):	1	Pf (cc):/Mf (cc):	0.1 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	104,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	2.00	LGS (%):	1.10
Solids (lbm/bbl):	11	Ex Lime (ppb):	
ECD (ppg):	9.3	OWR:	/

MUD MATERIALS

D M Cost($): $1,251.82
C M Cost($): $13,077.23

Mud Additives	Used
WRAPS	2
MF-55	3
PAPER	2
MAGMA FIBER	1
TAXES	1
OXYGEN SCAVENGER	5
CAUSTIC SODA	9
GEL, FRESH	7
LIME	6
CEDAR FIBER	5
VISMATER	1
CORROSION INHIBITOR	20

BIT RECORD

Bit#		2
S/N		128750
Size (in)		12.25
Mfg		REED/HYCALOG
IADC Type		
Model #		DSR616 D J-1
Jets		6X14
Depth In (ft)		858
Depth Out (ft)		
Bit Rotations		95/115
On Btm Hrs		90.50
Footage (ft)		4,006
ROP		44.3
WOB mn/mx (kip)	/	25 / 32
RPM rot/bit	/	95 / 115
Bit HP		119,162.32
HSI		132,111.83
PSI Drop (psi)		908,596.08
Jet Vel (ft/s)		10,449.70
Imp Force		1,479,109.45

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # 2								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	/ 5,310.01 / 5,310.01 /	12.04

INVENTORY

Item	Inv
DIESEL	5,643

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas:	0 @ 0 (%)	BG Gas:	10 (%)	Surf to Surf:	
Conn Gas:	0 @ 0 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BHA # 2 DRILL II

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC BIT	3.000	12.250	1.00	1.00
1	BIT SUBFLOAT SUB	3.000	8.000	3.00	4.00
1	DRILL COLLAR	2.875	8.000	30.47	34.47
1	ROLLER REAMER	2.875	8.000	10.41	44.88
1	DRILL COLLAR	2.875	8.000	29.94	74.82
1	ROLLER REAMER	2.875	8.000	10.18	85.00
4	DRILL COLLAR	2.875	8.000	123.88	208.88
1	CROSS OVER	2.750	8.000	3.09	211.97
6	DRILL COLLAR	2.750	6.500	181.78	393.75
1	CROSS OVER	2.750	6.500	3.62	397.37
14	HEAVY WT. D.P.	3.000	5.000	427.38	824.75
	DRILL PIPE	4.267	5.000	3,197.26	4,022.01
				Total Length:	4,022.01

STRING LOADS

On Btm Torque:	250
Off Btm Torque:	120
Str. Wt. Up:	165
Str. Wt. Down:	160
Str. Wt. Rot.:	135

BHA PROPERTIES

BHA Hrs:	22
Jar Hrs:	
Motor Hrs:	0
Motor PSI Drop (kip):	10
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 465 SPP (psi): 900
AV (DC): 124 AV (DP): 85

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00
0	0.00	0.00	0	0.00	0.00	0.00	0.00
1,477	0.50	0.00	1,477	6.44	0.00	6.44	0.03
2,428	0.50		2,428	14.74	0.00	14.74	0.00
3,414	0.50		3,414	23.35	0.00	23.35	0.00
4,743	0.25		4,743	39.85	0.00	39.85	0.18
4,333	1.00		4,333	35.38	0.00	35.38	0.05

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	DRLINT1	12	RIGSVC	RIG SERVICE, CIRCULATE PRIOR TO SURVEY
06:30	07:00	0.50	P	DRLINT1	11	WIRESUR	WIRE LINE SURVEY @ 4333' = 1*
07:00	18:00	11.00	P	DRLINT1	07	DRLVERT	DRILL F/ 4374' TO 4700' GPM 460, W O B 25/30 PP 890
18:00	21:30	3.50	P	DRLINT1	07	DRLVERT	DRILL F/ 4700-4784 BIT WT. 25/30, GPM 465 PP 900
21:30	22:00	0.50	P	DRLINT1	15	CIRC	CIRCULATE TO CLEAN HOLE FOR SURVEY
22:00	22:30	0.50	P	DRLINT1	11	WIRESUR	WIRE LINE SURVEY @ 4743= .25 * FLUID FELL 40' W/ SURVEY
22:30	06:00	7.50	P	DRLINT1	07	DRLVERT	DRILL F/ 4784'- 4919'; BIT WT. 26/32 GPM 465 PP 885 TQ. 250

Daily Operations Comments

WILL HAVE TO DRILL TO CSG. DEPTH OF 5300' W/ PARCIAL RETURNS

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	L.R. WOODS / DENNIS BRANDL
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	014
Report Date:	05/10/2011
Spud Date:	05/01/2011
Release Date:	
DFS: 8.75	DOL: 14 AFE Days:
Last BOP T.:	05/03/2011
Safety & Environmental Incident:	No

Depth md/tvd (ft):	5,000.01 / 4,999.81
Progress (ft):	81.00
ROP (ft/hr):	81.0 / 4.00 = 20.25
Proposed TD (ft):	12,000.00
Next Csg Point:	5,310.01

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,719.61
Ground Level (ft):	2,703.0
POB:	27
Total Man Hours:	376.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	29,751	0	0	29,751
Cum Cost($)	739,614	23,742	0	763,356
AFE($):	0	0	0	0

Current Activity: RUNNING 9 5/8 40# LTC CASING

24 Hr Summary: DRILL TO 5000',CIRC. PUMP SWEEP , PUMP SLUG, MAKE 10 STAND SHORT TRIP,CIRC SWEEP AROUND, PUMP SLUG, POOH TO 8" D.C.. L/D 8",REAMERS, BIT, REMOVE WEAR BUSHING, INSTALL BALES, REMOVE WEAR BUSHING, HELD S/M W/ EXPRESS, RIG UP CSG. CREW, RUN 9 5/8 CSG.

24 Hr Forecast: RUN CSG. CIRC. CEMENT, INSTALL PACK-OFF, PREPARE TO TO P/U NEW BHA

MUD PROPERTIES

Fluids Co.:			
Fluids Eng:	James Bakke		
Time:	4:49	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	93
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	4,886.01	MBT:	
Density (ppg):	9.30	pH:	10.0
FV (s/qt):	28	Pm (cc):	0.1
PV (cp):	1	Pf (cc):/Mf (cc):	0.1 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	104,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	2.00	LGS (%):	1.10
Solids (lbm/bbl):	11	Ex Lime (ppb):	
ECD (ppg):	9.3	OWR:	/

MUD MATERIALS

D M Cost($):	$226.25
C M Cost($):	$13,300.98

Mud Additives	Used
OXYGEN SCAVENGER	5
CORROSION INHIBITOR	20

BIT RECORD

Bit#		2
S/N		128750
Size (in)		12.25
Mfg		REED/HYCALOG
IADC Type		
Model #		DSR616 D J-1
Jets		6X14
Depth In (ft)		858
Depth Out (ft)		5,000
Bit Rotations		85/112
On Btm Hrs		94.50
Footage (ft)		4,087
ROP		43.2
WOB mn/mx (kip)	/	25 / 32
RPM rot/bit	/	85 / 112
Bit HP		0.48
HSI		0.53
PSI Drop (psi)		230.04
Jet Vel (ft/s)		166.27
Imp Force		374.48

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # 2								

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
	/		
9.63	5,310.01 /	5,310.01	12.04
	/		

INVENTORY

Item	Inv
DIESEL	3,906

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas:	0 @ 0 (%)	BG Gas:	10 (%)	Surf to Surf:	
Conn Gas:	0 @ 0 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BHA # 2 DRILL II

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC BIT	3.000	12.250	1.00	1.00
1	BIT SUBFLOAT SUB	3.000	8.000	3.00	4.00
1	DRILL COLLAR	2.875	8.000	30.47	34.47
1	ROLLER REAMER	2.875	8.000	10.41	44.88
1	DRILL COLLAR	2.875	8.000	29.94	74.82
1	ROLLER REAMER	2.875	8.000	10.18	85.00
4	DRILL COLLAR	2.875	8.000	123.88	208.88
1	CROSS OVER	2.750	8.000	3.09	211.97
6	DRILL COLLAR	2.750	6.500	181.78	393.75
1	CROSS OVER	2.750	6.500	3.62	397.37
14	HEAVY WT. D.P.	3.000	5.000	427.38	824.75
	DRILL PIPE	4.267	5.000	4,094.26	4,919.01
				Total Length:	4,919.01

STRING LOADS

On Btm Torque:	250
Off Btm Torque:	100
Str. Wt. Up:	165
Str. Wt. Down:	160
Str. Wt. Rot.:	135

BHA PROPERTIES

BHA Hrs:	4
Jar Hrs:	
Motor Hrs:	0
Motor PSI Drop (kip):	5
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm):	465	SPP (psi):	900
AV (DC):	124	AV (DP):	85

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00
0	0.00	0.00	0	0.00	0.00	0.00	0.00
1,477	0.50	0.00	1,477	6.44	0.00	6.44	0.03
2,428	0.50		2,428	14.74	0.00	14.74	0.00
3,414	0.50		3,414	23.35	0.00	23.35	0.00
4,743	0.25		4,743	39.85	0.00	39.85	0.18
4,333	1.00		4,333	35.38	0.00	35.38	0.05

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	10:00	4.00	P	DRLINT1	07	DRLVERT	DRILLING F/ 4919-5000- 81'- 20.25 F/H BIT WT. 28/32 K PP 900, GPM 465
10:00	12:00	2.00	P	DRLINT1	15	CIRC	CIRC. BTTMS. UP, PUMP SWEEP AROUND, PUMP SLUG
12:00	13:00	1.00	P	DRLINT1	13	TRIP	POOH W/ 10 STANDS NO DRAG, PROPER FILL, TIH TO BOTTOM
13:00	14:30	1.50	P	DRLINT1	15	CIRC	CIRC. HOLE, PUMP SWEEP AROUND, PUMP SLUG
14:30	17:00	2.50	P	DRLINT1	13	TRIP	POOH TO RUN 9 5/8 CASING
17:00	20:00	3.00	P	DRLINT1	13	TRIP	LAY DOWN 8" DRILL COLLARS W/ HOIST, REAMERS, BREAK BIT ,BIT SUB, REMOVE ELEVATORS, BALES, CLEAR FLOOR
20:00	00:00	4.00	P	DRLINT1	13	TRIP	UNLOCK WEAR BUSHING,ATTEMPT TO REMOVE, RETRIEVER NOT GOING IN WEAR BUSHING, GRIND ON RETRIEVER, RETRIEVE WEAR BUSHING
00:00	00:30	0.50	P	DRLINT1	13	TRIP	INSTALL BALES AND ELEVATORS, PULL 20K, WEAR BUSHING OUT OF HOL;E
00:30	01:00	0.50	P	CASINT1	14	PULDSTR	HELD SAFETY MEETING W/ EXPRESS FILL UP TOOL, L/D UNIT, CASING CREW, RIG CREWS
01:00	04:00	3.00	P	CASINT1	24	RUNCAS	RIG UP CASING CREW, FILL TOOL, L/D UNIT
04:00	06:00	2.00	P	CASINT1	24	RUNCAS	RUN SHOE, 2 JT. SHOE SHOE TRACK, FLOAT COLLAR,

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	L.R. WOODS / DENNIS BRANDL
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	015
Report Date:	05/11/2011
Spud Date:	05/01/2011
Release Date:	
DFS: 9.75	DOL: 15 AFE Days:
Last BOP T.:	05/03/2011
Safety & Environmental Incident:	No

Depth md/tvd (ft):	5,000.01 / 4,999.81
Progress (ft):	0.00
ROP:	0.0 / 0.00 = 0.00
Proposed TD (ft):	12,000.00
Next Csg Point:	5,310.01

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,719.61
Ground Level (ft):	2,703.0
POB:	34
Total Man Hours:	444.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	224,046	0	0	224,046
Cum Cost($)	963,660	23,742	0	987,402
AFE($):	0	0	0	0

Current Activity: RUN GYRO W/ SCIENTIFIC WIRE LINE

24 Hr Summary: R.U. AIR STAB. BOARD. RUN 9 5/8" CSG. TO 4992' LAND SAME, R.D. CSG. TOOLS. UNABLE TO CIRC. R.D. AIR BOARD WHILE W.O. SIDE DOOR ELEV. P.U. CSG. CIRC. & COND.. CMT. CSG, INSTALL PACK-OFF, RUNNING GYRO @ REPORT TIME.

24 Hr Forecast: F. RUNNING GYRO. P.U. & T.I.H. W/ NEW BHA, DRILL CMT. & SHOE TRACK, TEST SHOE, DRILL TO K.O.P.

MUD PROPERTIES

Fluids Co.:			
Fluids Eng:	James Bakke		
Time:	0:00	Oil Cnt (%):	0
Location:	SERVE TANK	H2O Cnt (%):	95
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	5,000.01	MBT:	
Density (ppg):	9.20	pH:	8.0
FV (s/qt):	28	Pm (cc):	0.1
PV (cp):	1	Pf (cc):/Mf (cc):	0.1 / 0.5
YP (lbf/100ft²):	2	Chloride (ppm):	86,000
Gels ():	1/2/	Calcium:	
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.50
Solids:		Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$916.98
C M Cost($):	$14,217.96

Mud Additives	Used
COTTONSEED HULLS	2
FIBER PLUG	7
CEDAR FIBER	7
MAGMA FIBER	2
LIME	3
TAXES	1
CAUSTIC SODA	3
GEL, FRESH	11
MF-55	3
PAPER	7
WRAPS	2

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		
Depth In (ft)		
Depth Out (ft)		
Bit Rotations		
On Btm Hrs		
Footage (ft)		
ROP		
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		
HSI		
PSI Drop (psi)		
Jet Vel (ft/s)		
Imp Force		

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit #								

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
9.63	5,310.01 /	5,310.01	12.04

INVENTORY

Item	Inv
DIESEL	3,906

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas:	0 @ 0 (%)	BG Gas:	10 (%)	Surf to Surf:	
Conn Gas:	0 @ 0 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm):		SPP (psi):	
AV (DC):	124	AV (DP):	85

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
11,202	90.50	180.80	7,172	-4,503.35	-62.53	-4,503.35	0.00
11,563	90.50	180.80	7,169	-4,864.30	-67.57	-4,864.30	0.00
0	0.00	0.00	0	0.00	0.00	0.00	0.00
1,477	0.50	0.00	1,477	6.44	0.00	6.44	0.03
2,428	0.50		2,428	14.74	0.00	14.74	0.00
3,414	0.50		3,414	23.35	0.00	23.35	0.00
4,743	0.25		4,743	39.85	0.00	39.85	0.18
4,333	1.00		4,333	35.38	0.00	35.38	0.05

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	CASINT1	24	RUNCAS	R.UPI AIR OPERATED STABBING BOARD.
07:00	13:30	6.50	P	CASINT1	24	RUNCAS	RUN 9 5/8" CASING TO 4855'. TAGGED BRIDGE
13:30	14:30	1.00	P	CASINT1	16	WASHR	USE FILL UP TOOL TO WASH THRU BRIDGE @ 4855'- 4856'. CONT. TO RUN TOTAL OF 109 JTS. 9 5/8" - 40.00# - J-55 - LTC CASING. SET @ 4992', F.C. SET @ 4899'.
14:30	15:00	0.50	P	CASINT1	24	RUNCAS	P.U. & M.U. LANDING JOINT & MANDREL.
15:00	15:30	0.50	P	CASINT1	24	RUNCAS	LAND MANDREL IN HANGER.
15:30	17:30	2.00	P	CASINT1	24	RUNCAS	R.D. CASING TOOLS & FILL UP TOOL.
17:30	21:00	3.50	N	CASINT1	25	PRIMCEM	R.U. HALLIBURTON CMT. HEAD. ATTEMPT TO CIRC.. PRES. UP TO 1350 PSI & UNABLE TO CIRC.. R.D. AIR STABBING BOARD WHILE W.O. SIDE DOOR ELEVATORS. INSTALL SIDE DOOR ELEV.
21:00	22:30	1.50	P	CASINT1	15	CIRC	P.U. CASING OUT OF HANGER PULLED UP TO 225K, PIPE CAME FREE & CIRC. W/ FULL RETURNS. CIRC. & COND.
22:30	01:00	2.50	P	CASINT1	25	PRIMCEM	SWITCH LNES TO HALLIBURTON, TEST LINES TO 2500 PSI, PUMP 20 BBL. WATER SPACER.LEAD CMT. 720SKS. 313 BBLS. WT. 11.9 PPG. YIELD 2.44GL/S 13.92 TAIL CMT 190 SKS. 45 BBLS. WT. 14.8 PPG YIELD 1.33 GL/SK 6.27 DISPLACEMENT 370 BBL. FRESH WATER. FINAL PSI 550, BUMP PLUG TO 1030 @ 00:35, HELD 5 MIN. BLED BACK 0NE BARREL, FLOATS HOLDING OK. R/D HOWCO
01:00	04:00	3.00	P	CASINT1	27	TSTWHEQ	BACK OUT LANDING JOINT, INSTALL PACK-OFF, TEST TO 4500PSI REMOVE PACK OFF RUNNING TOOL
04:00	06:00	2.00	P	CASPRD1	42	OTHER	HELD S/M W/ SCIENTIFIC RIG UP AND RUN GYRO SURVEY

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	L.R. WOODS / DENNIS BRANDL
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	016
Report Date:	05/12/2011
Spud Date:	05/01/2011
Release Date:	
DFS: 10.75	DOL: 16 AFE Days:
Last BOP T.:	05/03/2011
Safety & Environmental Incident:	No

Depth md/tvd (ft):	5,508.01 / 5,507.85
Progress (ft):	508.00
ROP (ft/hr):	508.0 / 11.00 = 46.18
Proposed TD (ft):	12,000.00
Next Csg Point:	5,310.01

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,719.61
Ground Level (ft):	2,703.0
POB:	18
Total Man Hours:	216.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	48,703	0	0	48,703
Cum Cost($)	1,012,363	23,742	0	1,036,105
AFE($):	0	0	0	0

Current Activity: DRILLING@ 5508

24 Hr Summary: RAN GYRO, R/S, INSTALL WEAR BUSHING,P/U AND TIH W/ NEW BHA,TEST CASING @ 1500 PSI, DRILL CMT. AND FLOAT, DRILL CMT AND SHOE + 10' OF HOLE MUD WT. 8.7 VIS 28, TEST CASING SHOE TO 10.8 EMW.DRILL F/ 5010 TO 5508'

24 Hr Forecast: F. RUNNING GYRO. P.U. & T.I.H. W/ NEW BHA, DRILL CMT. & SHOE TRACK, TEST SHOE, DRILL TO K.O.P.

MUD PROPERTIES

Fluids Co.:			
Fluids Eng:	James Bakke		
Time:	4:36	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	96
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	5,421.01	MBT:	
Density (ppg):	9.10	pH:	12.0
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.5
YP (lbf/100ft²):	2	Chloride (ppm):	81,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.10
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$2,279.90
C M Cost($):	$16,497.86

Mud Additives	Used
CEDAR FIBER	4
OXYGEN SCAVENGER	5
PAPER	3
CAUSTIC SODA	1
VISMATER	2
TRUCKING	1
FIBER PLUG	4
WRAPS	2
CORROSION INHIBITOR	20
TAXES	1
MAGMA FIBER	1
GEL, FRESH	27
MF-55	3
LIME	13

BIT RECORD

Bit#		3
S/N		1666BCGU
Size (in)		8.75
Mfg		ULTERRA
IADC Type		U1565
Model #		M9307
Jets		6X11
Depth In (ft)		5,000
Depth Out (ft)		
Bit Rotations		70/80
On Btm Hrs		11.00
Footage (ft)		508
ROP		46.2
WOB mn/mx (kip)	/	15 / 19
RPM rot/bit	/	70 / 80
Bit HP		1.39
HSI		2.50
PSI Drop (psi)		564.46
Jet Vel (ft/s)		263.30
Imp Force		567.27

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # 3								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	/ 5,310.01 / 5,310.01	12.04
	/	10.81

INVENTORY

Item	Inv
DIESEL	3,322

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas:	0 @ 0 (%)	BG Gas:	10 (%)	Surf to Surf:	
Conn Gas:	0 @ 0 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BHA # 4 DRILL T

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	BIT	3.000	8.750	1.00	1.00
1	N.B. STAB.	2.875	6.500	3.89	4.89
1	DRILL COLLAR	2.875	6.500	30.64	35.53
1	IB STAB.	2.875	6.500	5.80	41.33
1	DRILL COLLAR	2.875	6.500	30.38	71.71
1	IB STAB.	2.875	6.500	6.15	77.86
2	DRILL COLLAR	2.875	6.500	60.62	138.48
1	IB STAB.	2.875	6.500	6.40	144.88
2	DRILL COLLAR	2.875	6.500	60.14	205.02
1	CROSS OVER SUB	2.500	6.500	3.62	208.64
14	HEAVY WEIGHT D.P.	3.000	5.000	427.38	636.02
	DRILL PIPE	4.276	5.000	4,363.99	5,000.01
				Total Length:	5,000.01

STRING LOADS

On Btm Torque:	250
Off Btm Torque:	250
Str. Wt. Up:	160
Str. Wt. Down:	140
Str. Wt. Rot.:	145

BHA PROPERTIES

BHA Hrs:	11
Jar Hrs:	
Motor Hrs:	1
Motor PSI Drop (kip):	5
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 450 SPP (psi): 1,630

AV (DC): 315 AV (DP): 215

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
4,200	0.57	181.69	4,200	-22.48	-0.32	-22.48	0.11
4,300	0.57	183.99	4,300	-23.47	-0.36	-23.47	0.02
4,400	0.50	200.09	4,400	-24.38	-0.55	-24.38	0.17
4,500	0.34	166.84	4,500	-25.08	-0.63	-25.08	0.29
4,600	0.31	156.53	4,600	-25.61	-0.46	-25.61	0.07
4,700	0.29	117.48	4,700	-25.98	-0.12	-25.98	0.20
4,800	0.44	309.47	4,800	-25.85	-0.20	-25.85	0.73
4,860	0.45	306.71	4,860	-25.56	-0.56	-25.56	0.04

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:30	2.50	P	DRLPRD	11	WIRESUR	RUN GYRO FROM SURFACE TO CASING F.C. @ 4860'
08:30	09:00	0.50	P	DRLPRD	12	RIGSVC	RIG MAINTENANCE
09:00	10:00	1.00	P	DRLPRD	13	TRIP	INSTALL WEAR BUUSHING & LOCK DOWN W/ TWO PINS & MARK SAME W/ PAINT.
10:00	11:00	1.00	P	DRLPRD	13	TRIP	MEAS. & CAL. NEW B.H.A..
11:00	14:00	3.00	P	DRLPRD	13	TRIP	P.U. & T.I.H. W/ NEW BHA. TAGGED CEMENT @ 4878'.
14:00	14:30	0.50	P	DRLPRD	31	TESTCAS	P.U. KELLY & TEST CASING @ 1500 PSI. HELD OK.
14:30	15:00	0.50	P	DRLPRD	72	DRLCMT	DRILL CEMENT & FLOAT COLLAR. PIPE STUCK WHILE DRILLING THRU F.COLLAR.
15:00	16:00	1.00	N	DRLPRD	56	STUCK	WORK PIPE FREE.
16:00	17:30	1.50	P	DRLPRD	72	DRLCMT	CONT. DRILLING SHOE TRACK.
17:30	18:00	0.50	P	DRLPRD	07	DRLVERT	DRILLING 5000'- 5010'- 10 '- 20 F/H MW 8.7 VIS. 28 453 GPM - 65 RPM - 2-14 W.O.B.
18:00	18:30	0.50	P	DRLPRD	33	LOTFIT	CIRC. & BAL. MW @ 8.7 PPG IN & OUT.
18:30	19:00	0.50	P	DRLPRD	33	LOTFIT	TEST CASING SHOE TO 10.8 EMW W/ 8.7 PPG MW + 550 PSI SURFACE PRES..
19:00	00:00	5.00	P	DRLPRD	07	DRLVERT	DRILLING 5010'- 5508' BIT WT. 15/17 K, GPM 450, RPM 80 PP 1630, CHLORIDES 81,000,CIRC. THRU RESERVE PIT

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: L.R. WOODS / DENNIS BRANDL
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 017
Report Date: 05/13/2011
Spud Date: 05/01/2011
Release Date:
DFS: 11.75 DOL: 17 AFE Days:
Last BOP T.: 05/03/2011
Safety & Environmental Incident: No

Depth md/tvd (ft): 6,600.01 / 6,507.57
Progress (ft): 1,092.00
ROP (ft/hr): 1,092.0 / 21.50 = 50.79
Proposed TD (ft): 12,000.00
Next Csg Point: 12,000.02

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,719.61
Ground Level (ft): 2,703.0
POB: 21 Total Man Hours: 252.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	25,449	0	0	25,449
Cum Cost($)	1,037,812	23,742	0	1,061,554
AFE($):	0	0	0	0

Current Activity: CIRCULATING SWEEP TO SURFACE

24 Hr Summary: DRILL F/ 5508-5826, R/S DRILL F/5826-5890, CIRC. FOR SURVEY, W/L SURVEY @ 5849' = 1/4 DEG., DRILL F/ 5890' TO 6030'. DRILL F/ 6030' TO 6600

24 Hr Forecast: CIRC. OUT SWEEP, TOOH, RUN GYRO W WOOD GROUP, P/U DIRECTIONAL ASSEMBLY, TIH

MUD PROPERTIES

Fluids Co.:
Fluids Eng: James Bakke

Time:	0:00	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	95
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	6,532.01	MBT:	
Density (ppg):	9.10	pH:	10.5
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.5
YP (lbf/100ft²):	2	Chloride (ppm):	90,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.10
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($): $1,436.31
C M Cost($): $39,745.15

Mud Additives	Used
CEDAR FIBER	6
FIBER PLUG	2
CORROSION INHIBITOR	20
WRAPS	2
MF-55	4
TAXES	1
MAGMA FIBER	2
OXYGEN SCAVENGER	5
CAUSTIC SODA	2
VISMATER	1
PAPER	8
LIME	9
GEL, FRESH	26

MUD LOGGING

Trip Gas:	0 @ 0 (%)	BG Gas:	10 (%)	Surf to Surf:	
Conn Gas:	0 @ 0 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BIT RECORD

Bit#		3
S/N		M9307
Size (in)		8.75
Mfg		ULTERRA
IADC Type		U1565
Model #		MS1666BC-G U
Jets		6X11
Depth In (ft)		5,000
Depth Out (ft)		
Bit Rotations		80/90
On Btm Hrs		32.50
Footage (ft)		1,600
ROP		49.2
WOB mn/mx (kip)	/	25 / 30
RPM rot/bit	/	80 / 90
Bit HP		3.15
HSI		5.66
PSI Drop (psi)		973.06
Jet Vel (ft/s)		345.71
Imp Force		977.91

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # 3								

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
	/		
9.63	5,310.01 /	5,310.01	12.04
	/		10.81
5.50	12,000.02 /	7,179.01	

INVENTORY

Item	Inv
DIESEL	1,741

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

BHA # 4 DRILL T

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	BIT	3.000	8.750	1.00	1.00
1	N.B. STAB.	2.875	6.500	3.89	4.89
1	DRILL COLLAR	2.875	6.500	30.64	35.53
1	IB STAB.	2.875	6.500	5.80	41.33
1	DRILL COLLAR	2.875	6.500	30.38	71.71
1	IB STAB.	2.875	6.500	6.15	77.86
2	DRILL COLLAR	2.875	6.500	60.62	138.48
1	IB STAB.	2.875	6.500	6.40	144.88
2	DRILL COLLAR	2.875	6.500	60.14	205.02
1	CROSS OVER SUB	2.500	6.500	3.62	208.64
14	HEAVY WEIGHT D.P.	3.000	5.000	427.38	636.02
	DRILL PIPE	4.276	5.000	5,963.99	6,600.01
				Total Length:	6,600.01

STRING LOADS

On Btm Torque:	350
Off Btm Torque:	350
Str. Wt. Up:	180
Str. Wt. Down:	170
Str. Wt. Rot.:	150

BHA PROPERTIES

BHA Hrs:	22
Jar Hrs:	
Motor Hrs:	0
Motor PSI Drop (kip):	
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 600 SPP (psi): 1,800
AV (DC): 423 AV (DP): 282

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
4,500	0.34	166.84	4,500	-25.08	-0.63	-25.08	0.29
4,600	0.31	156.53	4,600	-25.61	-0.46	-25.61	0.07
4,700	0.29	117.48	4,700	-25.98	-0.12	-25.98	0.20
4,800	0.44	309.47	4,800	-25.85	-0.20	-25.85	0.73
4,860	0.45	306.71	4,860	-25.56	-0.56	-25.56	0.04
4,920			4,920	-25.42	-0.75	-25.42	0.75
5,153			5,153	40.74	0.00	40.74	0.06
5,849	25.00		5,827	190.19	0.00	190.19	3.59

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	13:00	7.00	P	DRLPRD	07	DRLVERT	DRILLING 5508'- 5826'- 308'- 45.4 F/H MW 9.0 VIS. 28 600 GPM - 85-90 RPM - 16-20 WOB
13:00	13:30	0.50	P	DRLPRD	12	RIGSVC	RIG MAINTENANCE
13:30	14:30	1.00	P	DRLPRD	07	DRLVERT	DRILLING 5826'- 5890'- 64'- 64 F/H MW 9.0 VIS. 28 600 GPM - 85-90 RPM - 16-20 WOB
14:30	15:00	0.50	P	DRLPRD	11	WIRESUR	CIRC. & W.L. SURVEY @ 5849'- .25 DEG.
15:00	18:00	3.00	P	DRLPRD	07	DRLVERT	DRILLING 5890'- 6030'- 140'- 46.6 F/H MW 9.0 VIS. 28 600 GPM - 85-90 RPM - 20-25 WOB
18:00	00:00	6.00	P	DRLPRD	07	DRLVERT	DRILLING 6030'-6354(54 FPH) WOB 25/27K, RPM 90,
00:00	00:30	0.50	P	DRLPRD	15	CIRC	SWEEP PACKED OFF @ 9 5/8 SHOE, W/ LCM , WORKED PIPE AND CIRC. TO SHAKERS
00:30	05:00	4.50	P	DRLPRD	07	DRLVERT	DRILL F/ 6354' - 6600 (54.66 FPH) WOB 25K, GPM 525, PP 1800 MUD WT 9.1 VIS 28 CHLORIDES 90,000
05:00	06:00	1.00	P	DRLPRD	15	CIRC	CIRC. PUMP 20 BBL. HI-VIS SWEEP, CIRC. TO SHAKER

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: L.R. WOODS / DENNIS BRANDL
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 018
Report Date: 05/14/2011
Spud Date: 05/01/2011
Release Date:
DFS: 12.75 DOL: 18 AFE Days:
Last BOP T.: 05/03/2011
Safety & Environmental Incident: No

Depth md/tvd (ft): 6,667.01 / 6,666.84
Progress (ft): 67.00
ROP (ft/hr): 67.0 / 3.50 = 19.14
Proposed TD (ft): 12,000.00
Next Csg Point: 12,000.02

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,719.61
Ground Level (ft): 2,703.0
POB: 30 Total Man Hours: 298.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	103,609	0	0	103,609
Cum Cost($)	1,141,435	23,742	0	1,165,177
AFE($):	0	0	0	0

Current Activity: DRILLING VERTICAL W/ 2 38 MOTOR TO K/O POINT

24 Hr Summary: CIRC. OUT SWEEP, PUMP SLUG, POOH, L/D D.C.'s 7 SUBS. R/U WOOD GROUP, RUN GAMMA LOG F/ 6600' TO 4992'. L/D W/L TOOLS. R/S, P/U DIRECTIONAL ASS. & MWD. TEST MWD (OK)TIH TO 6600, R/U & RUN GYRO F/ 6600 TO 4860 DRILL VERTICAL @

24 Hr Forecast: DRILL VERTICAL TO K/O TO START CURVE

MUD PROPERTIES

Fluids Co.:
Fluids Eng: James Bakke

Time:	3:58	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	95
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	6,600.01	MBT:	
Density (ppg):	9.10	pH:	12.0
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.6
YP (lbf/100ft²):	2	Chloride (ppm):	93,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.10
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($): $6,442.62
C M Cost($): $46,187.77

Mud Additives	Used
FIBER PLUG	3
CORROSION INHIBITOR	20
CEDAR FIBER	1
LIME	8
BRINE TRANSPORTATIC	4,648
BRINE WATER	1,900
BARITE	32
OXYGEN SCAVENGER	5
TAXES	1

BIT RECORD

Bit#		4
S/N		CW355
Size (in)		8.75
Mfg		ULTERRA
IADC Type		5-1-7
Model #		Z25RS
Jets	6X11	3X18
Depth In (ft)		6,600
Depth Out (ft)		
Bit Rotations		29/30
On Btm Hrs		3.50
Footage (ft)		67
ROP		19.1
WOB mn/mx (kip)	/	25 / 30
RPM rot/bit	/	29 / 30
Bit HP		1.83
HSI		2.45
PSI Drop (psi)		458.08
Jet Vel (ft/s)		237.20
Imp Force		616.36

Grading: I O D L B G O R
Bit #
Bit # 4

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	5,310.01 / 5,310.01	12.04
	/	10.81
5.50	12,000.02 / 7,179.01	

INVENTORY

Item	Inv
DIESEL	8,062

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: 0 @ 0 (%)
Conn Gas: 0 @ 0 (%)
Form:
BG Gas: 19 (%)
Pore Pressure: (%)
Surf to Surf:
Lag Strokes:
Lag Time: (min)

BHA # 5 KICK OI

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	INSERT BIT	3.000	8.750	1.00	1.00
1	6/7- 5.0- 2.38 DEG.- .29 REV/GAL M	3.000	6.750	25.70	26.70
1	FLOAT SUB	3.000	6.750	2.30	29.00
1	NM PONY COLLAR	3.000	6.500	10.30	39.30
1	UBHO SUB	3.000	6.500	3.63	42.93
1	NMDC	3.000	6.500	30.13	73.06
1	FLEX NMDC	3.000	5.000	31.06	104.12
1	CROSS OVER	3.000	6.000	1.96	106.08
36	DRILL PIPE	4.246	5.000	1,143.25	1,249.33
14	HWDP	3.000	5.000	427.28	1,676.61
	DRILL PIPE	4.276	5.000	4,990.40	6,667.01
				Total Length:	6,667.01

STRING LOADS

On Btm Torque:
Off Btm Torque:
Str. Wt. Up:
Str. Wt. Down:
Str. Wt. Rot.:

BHA PROPERTIES

BHA Hrs:
Jar Hrs:
Motor Hrs:
Motor PSI Drop (kip):
Weight B Jars (kip):

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): SPP (psi):
AV (DC): 423 AV (DP): 282

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
5,900	0.26	194.20	5,900	-27.84	-3.78	-27.84	0.05
6,000	0.35	189.48	6,000	-28.36	-3.88	-28.36	0.09
6,100	0.27	166.74	6,100	-28.89	-3.88	-28.89	0.15
6,200	0.24	171.80	6,200	-29.32	-3.80	-29.32	0.04
6,300	0.34	180.79	6,300	-29.83	-3.77	-29.83	0.11
6,400	0.40	196.64	6,400	-30.46	-3.87	-30.46	0.12
6,500	0.39	192.31	6,500	-31.13	-4.05	-31.13	0.03
5,849	25.00		5,827	190.19	0.00	190.19	3.59

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	DRLPRD	15	CIRC	F. PUMPING SWEEP AROUND. PUMP SLUG.
06:30	11:00	4.50	P	DRLPRD	13	TRIP	P.O.H.. L.D. DRILL COLLARS & STAB.
11:00	15:00	4.00	P	EVLPRD	37	CASHOLE	R.U. WOOD GROUP W.L. TRUCK. P.U. & G.I.H. W/ GAMMA TOOL LOG 6600' TO CASING SHOE @ 4992'. P.O.H., L.D. LOGGING TOOLS & R.D. LOGGERS.
15:00	15:30	0.50	P	DRLPRD	12	RIGSVC	RIG MAINTENANCE
15:30	18:30	3.00	P	DRLPRD	13	TRIP	P.U. MOTOR & MWD ASSY., TEST SAME, OK.
18:30	23:00	4.50	P	DRLPRD	13	TRIP	T.I.H. W/ KICK OFF ASSY.
23:00	23:30	0.50	P	DRLPRD	13	TRIP	P/U 6 JTS. F/ RACK AND TAG UP TO 6600'
23:30	00:30	1.00	P	DRLPRD	15	CIRC	CIRCULATE BTTMS. UP
00:30	02:30	2.00	P	DRLPRD	37	CASHOLE	S/M W/ SCIENTIFIC, R/U SHEAVES AND RUN GYRO F/ 6500' TO 4860', R/D SCIENTIFIC
02:30	06:00	3.50	P	DRLPRD	07	DRLVERT	ROTARY DRILL F/ 6600' TO 6667' GPM 523, BIT WT. 27K, PP 1600 RPM 29

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	L.R. WOODS / DENNIS BRANDL
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	019		
Report Date:	05/15/2011		
Spud Date:	05/01/2011		
Release Date:			
DFS: 13.75	DOL: 19	AFE Days:	
Last BOP T.:	05/03/2011		
Safety & Environmental Incident:	No		

Depth md/tvd (ft):	7,145.01 / 7,104.57
Progress (ft):	478.00
ROP (ft/hr):	478.0 / 23.50 = 20.34
Proposed TD (ft):	12,000.00
Next Csg Point:	12,000.02

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,719.61
Ground Level (ft):	2,703.0
POB:	23
Total Man Hours:	272.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	45,144	0	0	45,144
Cum Cost($)	1,186,579	23,742	0	1,210,321
AFE($):	0	0	0	0

Current Activity: DRILLING CURVE @ 7145

24 Hr Summary: ROTATE DRILL F/ 6782' TO 6690', STARTED TO BUILD CURVE @ 6690', SLIDE ,ROTATE AND SURVEY TO 7145'

24 Hr Forecast: SLIDE AND ROTATE DRILL BUILDING CURVE

MUD PROPERTIES

Fluids Co.:
Fluids Eng: James Bakke

Time:	2:56	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	95
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	7,077.01	MBT:	
Density (ppg):	9.10	pH:	10.0
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	90,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.10
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$787.24
C M Cost($):	$46,975.01

Mud Additives	Used
MF-55	2
OXYGEN SCAVENGER	5
CAUSTIC SODA	2
GEL, FRESH	23
TAXES	1
LIME	2
WRAPS	1
CORROSION INHIBITOR	20

MUD LOGGING

Trip Gas:	0 @ 0 (%)	BG Gas:	45 (%)	Surf to Surf:	
Conn Gas:	0 @ 110 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BIT RECORD

Bit#		4
S/N		CW355
Size (in)		8.75
Mfg		ULTERRA
IADC Type		5-1-7
Model #		Z25RS
Jets		3X18
Depth In (ft)		6,600
Depth Out (ft)		
Bit Rotations		19/20
On Btm Hrs		27.00
Footage (ft)		545
ROP		20.2
WOB mn/mx (kip)	/	25 / 33
RPM rot/bit	/	19 / 20
Bit HP		1.90
HSI		2.54
PSI Drop (psi)		469.75
Jet Vel (ft/s)		240.20
Imp Force		632.06

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # 4								

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
9.63	5,310.01 /	5,310.01	12.04
5.50	12,000.02 /	7,179.01	10.81

INVENTORY

Item	Inv
DIESEL	6,632

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

BHA # 5 KICK OI

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	INSERT BIT	3.000	8.750	1.00	1.00
1	6/7- 5.0- 2.38 DEG.- .29 REV/GAL M	3.000	6.750	25.70	26.70
1	FLOAT SUB	3.000	6.750	2.30	29.00
1	NM PONY COLLAR	3.000	6.500	10.30	39.30
1	UBHO SUB	3.000	6.500	3.63	42.93
1	NMDC	3.000	6.500	30.13	73.06
1	FLEX NMDC	3.000	5.000	31.06	104.12
1	CROSS OVER	3.000	6.000	1.96	106.08
36	DRILL PIPE	4.246	5.000	1,143.25	1,249.33
14	HWDP	3.000	5.000	427.28	1,676.61
	DRILL PIPE	4.276	5.000	5,154.40	6,831.01
				Total Length:	6,831.01

STRING LOADS

On Btm Torque:	150
Off Btm Torque:	100
Str. Wt. Up:	190
Str. Wt. Down:	165
Str. Wt. Rot.:	150

BHA PROPERTIES

BHA Hrs:	24
Jar Hrs:	
Motor Hrs:	24
Motor PSI Drop (kip):	0
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 550 SPP (psi): 1,850

AV (DC): 423 AV (DP): 282

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
6,870	21.20	188.40	6,865	-69.16	-11.64	-69.16	8.73
6,902	22.80	187.60	6,895	-81.03	-13.31	-81.03	5.09
6,934	24.20	182.70	6,924	-93.73	-14.44	-93.73	7.51
6,966	26.20	177.50	6,953	-107.34	-14.44	-107.34	9.32
6,998	28.00	177.40	6,981	-121.90	-13.79	-121.90	5.63
7,027	29.50	180.30	7,007	-135.85	-13.52	-135.85	7.06
7,060	32.40	182.00	7,035	-152.81	-13.87	-152.81	9.18
7,091	35.80	183.00	7,061	-170.17	-14.63	-170.17	11.12

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	DRLPRD	07	DRLVERT	ROT. 6667'- 6690'- 23'- 46 F/H MW 9.2 VIS. 28
06:30	12:00	5.50	P	DRLPRD	09	DRLCRV	SLIDE 6690'- 6782'- 92'- 16.7 F/H TF 180 DIFF 100 550 GPM MOTOR RPM 159
12:00	13:00	1.00	P	DRLPRD	09	DRLCRV	ROT. 6782'- 6799'- 17'- 17 F/H ROT. RPM 20
13:00	14:00	1.00	P	DRLPRD	09	DRLCRV	SLIDE 6799'- 6818'- 19'- 19 F/H GTF @ 20L DIFF. 150
14:00	14:30	0.50	P	DRLPRD	09	DRLCRV	ROT. 6818'- 6831'- 13'- 26 F/H ROT. RPM 20
14:30	15:00	0.50	P	DRLPRD	12	RIGSVC	RIG MAINTENANCE
15:00	16:00	1.00	P	DRLPRD	09	DRLCRV	SLIDE 6831'- 6855'- 24'- 24 F/H GTF @ 20L
16:00	16:30	0.50	P	DRLPRD	09	DRLCRV	ROT. DRILL F/ 6855-6863 16F/H ROT. RPM 20 FPH
16:30	17:00	0.50	P	DRLPRD	09	DRLCRV	SLIDE DRILL F/6863-6878 15'- 30 FPH RPM 20
17:00	17:30	0.50	P	DRLPRD	09	DRLCRV	ROT. DRILL F/ 6878T/ 6894 16' - 32 FPH RPM 20
17:30	18:00	0.50	P	DRLPRD	09	DRLCRV	SLIDE DRILL F/ 6894' T/ 6904' 10' =20 FPH
18:00	18:30	0.50	P	DRLPRD	09	DRLCRV	ROT. DRILL F/ 6904 T/ 6925' 21 = 42 FPH
18:30	19:30	1.00	P	DRLPRD	09	DRLCRV	SLIDE DRILL F/ 6925' T/ 6945' 20' = 40 FPH
19:30	20:00	0.50	P	DRLPRD	09	DRLCRV	ROT. DRILL F/ 6945' T/ 6957' 12' = 24 FPH RPM 20
20:00	21:00	1.00	P	DRLPRD	09	DRLCRV	SLIDE DRILL F/ 6957' T/ 6981' 24' = 24 FPH RPM 20
21:00	21:30	0.50	P	DRLPRD	09	DRLCRV	ROT. DRILL F/ 6981' T/ 6989' 8' = 16 FPH RPM 20
21:30	22:30	1.00	P	DRLPRD	09	DRLCRV	SLIDE DRILL F/ 6989' T/ 7004' 15' = 15 FPH
22:30	23:30	1.00	P	DRLPRD	09	DRLCRV	ROT. DRILL F/ 7004 T/ 7021' 17' = 17 FPH RPM 20
23:30	00:30	1.00	P	DRLPRD	09	DRLCRV	SLIDE DRILL F/ 7021' T/ 7045' 24' = 24 FPH
00:30	01:00	0.50	P	DRLPRD	09	DRLCRV	ROT. DRILL F/ 7045' T/ 7053' 8' = 16 FPH RPM 20
01:00	03:30	2.50	P	DRLPRD	09	DRLCRV	SLIDE DRILL F/ 7053' T/ 7107 54' = 21.6FPH
03:30	04:00	0.50	P	DRLPRD	09	DRLCRV	ROT. DRILL F/ 7107 T/ 7113' 6' FPH RPM 20
04:00	06:00	2.00	P	DRLINT5	09	DRLCRV	SLIDE DRILL F/ 7113' T/ 7145' 32'= 16 FPH

Daily Operations Comments

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	L.R. WOODS / DENNIS BRANDL
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	020
Report Date:	05/16/2011
Spud Date:	05/01/2011
Release Date:	
DFS: 14.75	DOL: 20 AFE Days:
Last BOP T.:	05/03/2011
Safety & Environmental Incident:	No

Depth md/tvd (ft):	7,589.42 / 7,466.03
Progress (ft):	439.00
ROP (ft/hr):	439.0 / 20.00 = 21.95
Proposed TD (ft):	12,005.40
Next Csg Point:	12,005.42

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,725.01
Ground Level (ft):	2,703.0
POB:	22
Total Man Hours:	254.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	35,506	0	0	35,506
Cum Cost($)	1,245,827	0	0	1,245,827
AFE($):	0	0	0	0

Current Activity: TOOH TO CHANGE MUD MOTOR AND BIT

24 Hr Summary: SLIDE AND ROTATE DRILL, TAKING MWD SURVEYS F/ 7145' TO 7366', RIG SERVICE, SLIDE DRILL F/ 7366' TO7515', ROT F/ 7515 T/ 7521', SLIDE DRILL F/ 7521' T/ 7531' ROT. DRILL F/ 7531T/ 7584' CIRC. PUMP SWEEP , SLUG TOOH

24 Hr Forecast: TOOH, INXTALL NEW MUD MOTOR, P D C BIT, TIH TO DRILL HORIZONTAL

MUD PROPERTIES

Fluids Co.:			
Fluids Eng:	James Bakke		
Time:	3:31	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	7,589.42	MBT:	
Density (ppg):	9.10	pH:	10.0
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	103,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.10
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$2,002.70
C M Cost($):	$48,977.71

Mud Additives	Used
CAUSTIC SODA	2
ENGINEERING	1
OXYGEN SCAVENGER	5
PALLETS	3
TRUCKING	1
TAXES	1
LIME	7
BARITE	17
CORROSION INHIBITOR	20

MUD LOGGING

Trip Gas:	0 @ 0 (%)	BG Gas:	54 (%)	Surf to Surf:	
Conn Gas:	81 @ 170 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BIT RECORD

Bit#		4
S/N		CW355
Size (in)		8.75
Mfg		ULTERRA
IADC Type		5-1-7
Model #		Z25RS
Jets		3X18
Depth In (ft)		6,605
Depth Out (ft)		
Bit Rotations		19/20
On Btm Hrs		46.50
Footage (ft)		984
ROP		21.2
WOB mn/mx (kip)	/	30 / 50
RPM rot/bit	/	19 / 20
Bit HP		1.17
HSI		1.57
PSI Drop (psi)		340.23
Jet Vel (ft/s)		204.42
Imp Force		457.78

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # 4								

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
	/		
9.63	5,315.41 /	5,315.41	12.04
	/		10.81
5.50	12,005.42 /	7,184.41	

INVENTORY

Item	Inv
DIESEL	5,376

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

BHA # 5 KICK OI

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	INSERT BIT	3.000	8.750	1.00	1.00
1	6/7- 5.0- 2.38 DEG.- .29 REV/GAL M	3.000	6.750	25.70	26.70
1	FLOAT SUB	3.000	6.750	2.30	29.00
1	NM PONY COLLAR	3.000	6.500	10.30	39.30
1	UBHO SUB	3.000	6.500	3.63	42.93
1	NMDC	3.000	6.500	30.13	73.06
1	FLEX NMDC	3.000	5.000	31.06	104.12
1	CROSS OVER	3.000	6.000	1.96	106.08
36	DRILL PIPE	4.246	5.000	1,143.25	1,249.33
14	HWDP	3.000	5.000	427.28	1,676.61
	DRILL PIPE	4.276	5.000	5,907.40	7,584.02
				Total Length:	7,584.02

STRING LOADS

On Btm Torque:	250
Off Btm Torque:	90
Str. Wt. Up:	195
Str. Wt. Down:	185
Str. Wt. Rot.:	165

BHA PROPERTIES

BHA Hrs:	20
Jar Hrs:	
Motor Hrs:	20
Motor PSI Drop (kip):	
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm):	500	SPP (psi):	1,800
AV (DC):	348	AV (DP):	231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
6,875	21.20	188.40	6,870	-69.16	-11.64	-69.16	8.73
6,907	22.80	187.60	6,900	-81.03	-13.31	-81.03	5.09
6,939	24.20	182.70	6,929	-93.73	-14.44	-93.73	7.51
6,971	26.20	177.50	6,958	-107.34	-14.44	-107.34	9.32
7,003	28.00	177.40	6,987	-121.90	-13.79	-121.90	5.63
7,032	29.50	180.30	7,012	-135.85	-13.52	-135.85	7.06
7,065	32.40	182.00	7,041	-152.81	-13.87	-152.81	9.18
7,096	35.80	183.00	7,066	-170.17	-14.63	-170.17	11.12

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:30	2.50	P	DRLPRD	09	DRLCRV	SLIDE 7145'- 7202'- 57'- 22.8 F/H MW 9.2 VIS. 28
08:30	09:00	0.50	P	DRLPRD	09	DRLCRV	ROT. 7202'- 7207'- 5'- 10 F/H MW 9.2 VIS. 28
09:00	15:00	6.00	P	DRLPRD	09	DRLCRV	SLIDE 7207'- 7366'- 159'- 26.5 f/h MW 9.2 VIS. 28
15:00	15:30	0.50	P	DRLPRD	12	RIGSVC	RIG MAINTENANCE
15:30	23:30	8.00	P	DRLPRD	09	DRLCRV	SLIDE 7366'-7515' 155' = 20.6 FPH MW. 9.2 VIS 28
23:30	00:00	0.50	P	DRLPRD	09	DRLCRV	ROTATE DRILL F/ 7515' T/ 7521' 6'- 12 F/H RPM 20, GPM 485,
00:00	00:30	0.50	P	DRLPRD	09	DRLCRV	SLIDE DRILL F/ 7521' T/ 7531'- 10'- 20FPH, WOB 50K, PP1575 W 485/ 550 GPM
00:30	02:30	2.00	P	DRLPRD	09	DRLCRV	ROT. DRILL F/ 7531' T/ 7553' 32'- 16 F/H = BIT WT. 30K, RPM 20 PP 1600 TORQUE 250 CHLORIDES 102,000, MUD WT. 9.2
02:30	04:00	1.50	P	DRLPRD	15	CIRC	CIRC. PUMP SWEEP, CIRC. TO SHAKER, CIRC. PUMP SLUG
04:00	06:00	2.00	P	DRLPRD	13	TRIP	TOOH TO CHANGE BIT, MUD MOTOR. FIRST 5 STANDS 7 BBLS

Daily Operations Comments

DAILY SLIDE HRS. 17.00

CUM. SLIDE HRS. 33.0

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	L.R. WOODS / DENNIS BRANDL
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	021		
Report Date:	05/17/2011		
Spud Date:	05/01/2011		
Release Date:			
DFS: 15.75	DOL: 21	AFE Days:	
Last BOP T.:	05/03/2011		
Safety & Environmental Incident:	No		

Depth md/tvd (ft):	7,865.02 / 7,294.21
Progress (ft):	275.60
ROP (ft/hr):	275.6 / 11.00 = 25.05
Proposed TD (ft):	12,005.40
Next Csg Point:	12,005.42

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,725.01
Ground Level (ft):	2,703.0
POB:	22
Total Man Hours:	254.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	40,040	0	0	40,040
Cum Cost($)	1,285,867	0	0	1,285,867
AFE($):	0	0	0	0

Current Activity: ROTATE DRILLING @ 7865

24 Hr Summary: TOOH TO MOTOR, L/D MUD MOTOR, MWD & BIT, P/U NEW MOTOR BIT & MWD, TIH TO SHOE, CUT AND SLIP DRILL LINE, P/U 7 MORE HEVI-WT., TIH TO 7584, ROT. DRILL F/ 7584' T/ 7865

24 Hr Forecast: DRILL & SURVEY

MUD PROPERTIES

Fluids Co.:			
Fluids Eng:	James Bakke		
Time:	0:00	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	7,748.02	MBT:	
Density (ppg):	9.10	pH:	10.0
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	93,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.10
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$3,135.46
C M Cost($):	$52,113.17

Mud Additives	Used
BARITE	10
CAUSTIC SODA	1
ENGINEERING	1
SODA ASH	1
SURE GUAGE	1
OPTIZAN	6
TAXES	1
MF-55	3

BIT RECORD

Bit#	4	5
S/N	CW355	7134610
Size (in)	8.75	8.75
Mfg	ULTERRA	HUGHES
IADC Type	5-1-7	M433
Model #	Z25RS	Q408FX
Jets	3X18	4X12, 4X14
Depth In (ft)	6,605	7,854
Depth Out (ft)	7,584	
Bit Rotations	19/20	50/50
On Btm Hrs	19.50	11.00
Footage (ft)	439	313
ROP	21.6	28.5
WOB mn/mx (kip)	30 / 50	8 / 12
RPM rot/bit	19 / 20	50 / 50
Bit HP	1.17	1.30
HSI	1.57	1.24
PSI Drop (psi)	340.23	233.00
Jet Vel (ft/s)	204.42	169.17
Imp Force	457.78	438.65

Grading	I	O	D	L	B	G	O	R
Bit # 4	0	0	NO	A	0	I	NO	BHA
Bit # 5								

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
	/		
9.63	5,315.41 /	5,315.41	12.04
	/		10.81
5.50	12,005.42 /	7,184.41	

INVENTORY

Item	Inv
DIESEL	3,438

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas:	0 @ 0 (%)	BG Gas:	39 (%)	Surf to Surf:	
Conn Gas:	81 @ 170 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BHA # LATERAL

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC BIT	3.000	8.750	1.00	1.00
1	6/7- 5.0- 1.50 DEG.- .29 REV/GAL M	3.000	6.625	25.65	26.65
1	FLOAT SUB	3.000	6.187	2.30	28.95
1	NM PONY COLLAR	6.881	6.187	10.30	39.25
1	UBHO SUB	3.000	6.250	3.63	42.88
1	NMDC	2.817	6.250	30.13	73.01
1	FLEX NMDC	2.875	6.500	31.06	104.07
1	CROSS OVER	2.312	6.187	1.96	106.03
165	DRILL PIPE	4.276	5.000	5,213.06	5,319.09
21	HWDP	3.000	5.000	642.65	5,961.74
	DRILL PIPE	4.276	5.000	1,627.67	7,589.42
				Total Length:	7,589.42

STRING LOADS

On Btm Torque:	250
Off Btm Torque:	90
Str. Wt. Up:	195
Str. Wt. Down:	185
Str. Wt. Rot.:	165

BHA PROPERTIES

BHA Hrs:	20
Jar Hrs:	
Motor Hrs:	20
Motor PSI Drop (kip):	
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm):	500	SPP (psi):	1,800
AV (DC):	348	AV (DP):	231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
7,003	28.00	177.40	6,987	-121.90	-13.79	-121.90	5.63
7,032	29.50	180.30	7,012	-135.85	-13.52	-135.85	7.06
7,065	32.40	182.00	7,041	-152.81	-13.87	-152.81	9.18
7,096	35.80	183.00	7,066	-170.17	-14.63	-170.17	11.12
7,531	86.10	180.70	7,277	-536.59	-22.62	-536.59	0.00
7,556	86.70	180.50	7,279	-561.54	-22.88	-561.54	2.53
7,651	86.80	180.00	7,284	-656.39	-23.30	-656.39	0.54
7,746	87.50	179.80	7,289	-751.27	-23.13	-751.27	0.77

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:00	3.00	P	DRLPRD	13	TRIP	F. P.O.H. TO MOTOR.
09:00	10:00	1.00	P	DRLPRD	13	TRIP	L.D. MOTOR, MWD & BIT.
10:00	12:00	2.00	P	DRLPRD	13	TRIP	P.U. NEW MOTOR, MWD & BIT. TEST SAME
12:00	14:30	2.50	P	DRLPRD	13	TRIP	T.I.H. TO SHOE @ 4992'
14:30	16:30	2.00	P	DRLPRD	17	CUTSLIP	CUT & SLIP 100' DRILL LINE
16:30	17:00	0.50	P	DRLPRD	13	TRIP	T.I.H. W/ 5 STDS. D.P.
17:00	17:30	0.50	P	DRLPRD	15	CIRC	P.U. KELLY & FILL D.P.
17:30	18:00	0.50	P	DRLPRD	13	TRIP	P.U. 7 JTS. HWDP & RUN 3 STDS. FROM DERRICK
18:00	19:00	1.00	P	DRLPRD	13	TRIP	T.I.H. T/ 7584
19:00	00:00	5.00	P	DRLPRD	08	DRLDIR	DRILL F/ 7584' T/ 7706' 122'= 24.4 FPH BIT WT. 5/10 RPM 50, GPM 550
00:00	06:00	6.00	P	DRLPRD	08	DRLDIR	ROT DRILL F/ 7706' T/ 7865= 159'= 31.8 GPM 550, PP 1925, WOB 5/10K DEPTH OF 7801 INCREASE BIT WT. TO 10/ 12 K ROT. 50

Daily Operations Comments

DAILY SLIDE HRS. .00

CUM. SLIDE HRS. 33.0

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	L.R. WOODS / DENNIS BRANDL
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	022
Report Date:	05/18/2011
Spud Date:	05/01/2011
Release Date:	
DFS: 16.75	DOL: 22 AFE Days:
Last BOP T.:	05/03/2011
Safety & Environmental Incident:	No

Depth md/tvd (ft):	9,100.02 / 7,287.50
Progress (ft):	1,235.00
ROP (ft/hr):	1,235.0 / 23.50 = 52.55
Proposed TD (ft):	12,005.40
Next Csg Point:	12,005.42

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,725.01
Ground Level (ft):	2,703.0
POB: 22	Total Man Hours: 254.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	37,835	0	0	37,835
Cum Cost($)	1,323,730	0	0	1,323,730
AFE($):	0	0	0	0

Current Activity: DRILLING @ 9100

24 Hr Summary: ROT. & SLIDE TO 8363'. RIG WENT DARK @ 14:40 HRS. & PVT HAS HAD TROUBLE STARTING UP. TOTCO TECH HERE TO GET GOING.ROTATE AND SLIDE DRILL F/ 8363 TO 9100' TOTAL FTG. IN 24 HRS. 1235

24 Hr Forecast: DRILL & SURVEY

MUD PROPERTIES

Fluids Co.:
Fluids Eng: James Bakke

Time:	5:09	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	9,041.02	MBT:	
Density (ppg):	9.10	pH:	8.0
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	103,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.10
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$3,832.35
C M Cost($):	$31,962.77

Mud Additives	Used
TAXES	1
BRINE TRANSPORTATIC	395
OXYGEN SCAVENGER	5
GEL, FRESH	5
CORROSION INHIBITOR	20
DCS TRICHON	3
MF-55	4
SODA ASH	2
OPTIZAN	8
CAUSTIC SODA	5
ENGINEERING	1

BIT RECORD

Bit#		5
S/N		7134610
Size (in)		8.75
Mfg		HUGHES
IADC Type		M433
Model #		Q408FX
Jets		4X12, 4X14
Depth In (ft)		7,854
Depth Out (ft)		
Bit Rotations		50/60
On Btm Hrs		34.50
Footage (ft)		1,548
ROP		44.9
WOB mn/mx (kip)	/	15 / 40
RPM rot/bit	/	50 / 60
Bit HP		2.34
HSI		2.25
PSI Drop (psi)		345.53
Jet Vel (ft/s)		206.01
Imp Force		650.50

Grading: I O D L B G O R
Bit #
Bit # 5

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
9.63	5,315.41 /	5,315.41	12.04
5.50	12,005.42 /	7,184.41	10.81

INVENTORY

Item	Inv
DIESEL	3,129

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: 0 @ 0 (%)	BG Gas: 39 (%)	Surf to Surf:
Conn Gas: 81 @ 170 (%)		Lag Strokes:
Form:	Pore Pressure: (%)	Lag Time: (min)

BHA # LATERAL

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC BIT	3.000	8.750	1.00	1.00
1	6/7- 5.0- 1.50 DEG.- .29 REV/GAL M	3.000	6.625	25.65	26.65
1	FLOAT SUB	3.000	6.187	2.30	28.95
1	NM PONY COLLAR	6.881	6.187	10.30	39.25
1	UBHO SUB	3.000	6.250	3.63	42.88
1	NMDC	2.817	6.250	30.13	73.01
1	FLEX NMDC	2.875	6.500	31.06	104.07
1	CROSS OVER	2.312	6.187	1.96	106.03
165	DRILL PIPE	4.276	5.000	5,213.06	5,319.09
21	HWDP	3.000	5.000	642.65	5,961.74
	DRILL PIPE	4.276	5.000	3,138.28	9,100.02
				Total Length:	9,100.02

STRING LOADS

On Btm Torque:	250
Off Btm Torque:	100
Str. Wt. Up:	200
Str. Wt. Down:	160
Str. Wt. Rot.:	165

BHA PROPERTIES

BHA Hrs:	24
Jar Hrs:	
Motor Hrs:	
Motor PSI Drop (kip):	
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 550 SPP (psi): 2,950
AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
8,313	90.60	178.10	7,293	-1,317.94	-13.26	-1,317.94	1.31
8,409	90.20	179.60	7,292	-1,413.91	-11.33	-1,413.91	1.62
8,981	90.10	181.90	7,288	-1,985.70	-22.88	-1,985.70	0.75
8,504	90.90	180.40	7,292	-1,508.91	-11.33	-1,508.91	1.12
8,600	90.10	180.00	7,291	-1,604.90	-11.67	-1,604.90	0.93
8,696	90.90	181.40	7,290	-1,700.89	-12.84	-1,700.89	1.68
8,790	90.30	181.90	7,289	-1,794.85	-15.55	-1,794.85	0.83
8,885	90.50	182.50	7,288	-1,889.77	-19.19	-1,889.77	0.67

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	DRLPRD	10	DRLLAT	ROT. 7865'- 7897'- 32'- 32 F/H MW 9.2 VIS. 28
07:00	08:00	1.00	P	DRLPRD	10	DRLLAT	SLIDE 7897'- 7912'- 15'- 15 F/H MW 9.2 VIS. 28
08:00	09:00	1.00	P	DRLPRD	10	DRLLAT	ROT. 7912'- 7991'- 79'- 79 F/H MW 9.2 VIS. 28
09:00	09:30	0.50	P	DRLPRD	10	DRLLAT	SLIDE 7991'- 8006'- 15'- 30 F/H M W9.2 VIS. 28
09:30	12:30	3.00	P	DRLPRD	10	DRLLAT	ROT. 8006'-- 8272'- 266'- 88.6 F/H MW 9.2 VIS. 28
12:30	13:00	0.50	P	DRLPRD	10	DRLLAT	SLIDE 8272'- 8290'- 18'- 36 F/H MW 9.2 VIS. 28
13:00	14:00	1.00	P	DRLPRD	10	DRLLAT	ROT. 8290'- 8368'- 78'- 78 F/H MW 9.2 VIS. 28
14:00	14:30	0.50	P	DRLPRD	12	RIGSVC	RIG MAINTENANCE
14:30	15:00	0.50	P	DRLPRD	10	DRLLAT	SLIDE 8368'- 8386'- 18'- 36 F/H MW 9.2 VIS. 28
15:00	16:00	1.00	P	DRLPRD	10	DRLLAT	ROT. 8386'- 8432'- 46'- 46 F/H MW 9.2 VIS. 28
16:00	17:00	1.00	N	DRLPRD	45	RRCIRC	REPLACE LEAKING "O" RINGS IN TEO STANDPIPE GASKETS.
17:00	18:00	1.00	P	DRLPRD	10	DRLLAT	ROT. 8432'- 8464'- 32'- 32 F/H MW 9.2 VIS. 28
18:00	18:30	0.50	P	DRLINT5	10	DRLLAT	SLIDE DRILL F/ 8464' T/ 8476' 12' = 24 FPH
18:30	20:00	1.50	P	DRLPRD	10	DRLLAT	ROT. DRILL F/ 8476' T/8655 179' = 126.6 FPH 160 GPM WOB 18K, RPM 60
20:00	20:30	0.50	P	DRLPRD	10	DRLLAT	SLIDE DRILL F/ 8655' T/ 8679' 24' 48 FPH
20:30	21:30	1.00	P	DRLPRD	10	DRLLAT	ROT. DRILL F/ 8679' T/ 8751' 72' =140 FPH
21:30	22:30	1.00	P	DRLPRD	10	DRLLAT	SLIDE DRILL F/ 8751' TO 8769 10' = 20 FPH
22:30	00:00	1.50	P	DRLPRD	10	DRLLAT	ROT. DRILL F/ 8769' T/ 8845 76' = 50.66 FPH GPM 550
00:00	00:30	0.50	P	DRLPRD	10	DRLLAT	SLIDE DRILL F/ 8845' TO 8863' 18'== 36FPH
00:30	02:00	1.50	P	DRLPRD	10	DRLLAT	ROT. DRILL F/ 8863' T/ 8940' 77' = 51 FPH
02:00	02:30	0.50	P	DRLPRD	10	DRLLAT	SLIDE DRILL F/ 8940' T/ 8955' GPM 550, PP 2700 DIFF PSI 300
02:30	03:30	1.00	P	DRLPRD	10	DRLLAT	ROT. DRILL F/ 8955' T/ 9004' 49' = 49 FPH
03:30	04:30	1.00	P	DRLPRD	10	DRLLAT	SLIDE DRILL F/ 9004' T/ 9036 32" GPM 450 PP 1700 WOB 16/20 K
04:30	06:00	1.50	P	DRLPRD	10	DRLLAT	ROT. DRILL F/ 9036' T/ 9100' 550 GPM

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	G. METTLACH / R. SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	023		
Report Date:	05/19/2011		
Spud Date:	05/01/2011		
Release Date:			
DFS: 17.75	DOL: 23	AFE Days:	
Last BOP T.:	05/03/2011		
Safety & Environmental Incident:	No		

Depth md/tvd (ft):	9,816.02 / 7,286.25
Progress (ft):	716.00
ROP (ft/hr):	716.0 / 14.00 = 51.14
Proposed TD (ft):	12,005.40
Next Csg Point:	12,005.42

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,725.01
Ground Level (ft):	2,703.0
POB:	22
Total Man Hours:	254.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	40,495	0	0	40,495
Cum Cost($)	1,364,225	0	0	1,364,225
AFE($):	0	0	0	0

Current Activity: ROT. & SLD DRLG.

24 Hr Summary: ROT. & SLD. DRLG., SURVEY, MADE WIPER TRIP, ROT. & SLD. DRLG.,. SERV. RIG., CIRC., CHANGED OUT SWAB & LINER #2 PUMP, ROT. & SLD. DRLG. CHANGE OUT MODULE ON #1 PUMP, ROT & SLIDE

24 Hr Forecast: DRILL & SURVEY

MUD PROPERTIES

Fluids Co.:			
Fluids Eng:	James Bakke		
Time:	4:06	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	9,801.02	MBT:	
Density (ppg):	9.10	pH:	8.0
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	100,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.10
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$2,953.39
C M Cost($):	$34,916.16

Mud Additives	Used
DCS TRICHON	2
SURE GUAGE	1
MF-55	2
CAUSTIC SODA	1
CORROSION INHIBITOR	20
ENGINEERING	1
TAXES	1
BARITE	40
OXYGEN SCAVENGER	5

BIT RECORD

Bit#		5
S/N		7134610
Size (in)		8.75
Mfg		HUGHES
IADC Type		M433
Model #		Q408FX
Jets		4X12, 4X14
Depth In (ft)		7,854
Depth Out (ft)		
Bit Rotations		50/60
On Btm Hrs		48.50
Footage (ft)		2,264
ROP		46.7
WOB mn/mx (kip)	/	15 / 40
RPM rot/bit	/	50 / 60
Bit HP		1.43
HSI		1.37
PSI Drop (psi)		250.40
Jet Vel (ft/s)		173.47
Imp Force		471.41

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # 5								

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
9.63	5,315.41 /	5,315.41	12.04
	/		10.81
5.50	12,005.42 /	7,184.41	

INVENTORY

Item	Inv
DIESEL	1,566

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas:	0 @ 0 (%)	BG Gas:	176 (%)	Surf to Surf:	
Conn Gas:	68 @ 476 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BHA # LATERAL

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC BIT	3.000	8.750	1.00	1.00
1	6/7- 5.0- 1.50 DEG.- .29 REV/GAL M	3.000	6.625	25.65	26.65
1	FLOAT SUB	3.000	6.187	2.30	28.95
1	NM PONY COLLAR	6.881	6.187	10.30	39.25
1	UBHO SUB	3.000	6.250	3.63	42.88
1	NMDC	2.817	6.250	30.13	73.01
1	FLEX NMDC	2.875	6.500	31.06	104.07
1	CROSS OVER	2.312	6.187	1.96	106.03
165	DRILL PIPE	4.276	5.000	5,213.06	5,319.09
21	HWDP	3.000	5.000	642.65	5,961.74
	DRILL PIPE	4.276	5.000	3,854.28	9,816.02
				Total Length:	9,816.02

STRING LOADS

On Btm Torque:	250
Off Btm Torque:	175
Str. Wt. Up:	210,000
Str. Wt. Down:	160,000
Str. Wt. Rot.:	185,000

BHA PROPERTIES

BHA Hrs:	14
Jar Hrs:	
Motor Hrs:	18
Motor PSI Drop (kip):	20,000
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm):	564	SPP (psi):	2,850
AV (DC):	348	AV (DP):	231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
8,313	90.60	178.10	7,293	-1,317.94	-13.26	-1,317.94	1.31
8,409	90.20	179.60	7,292	-1,413.91	-11.33	-1,413.91	1.62
8,981	90.10	181.90	7,288	-1,985.70	-22.88	-1,985.70	0.75
8,504	90.90	180.40	7,292	-1,508.91	-11.33	-1,508.91	1.12
8,600	90.10	180.00	7,291	-1,604.90	-11.67	-1,604.90	0.93
8,696	90.90	181.40	7,290	-1,700.89	-12.84	-1,700.89	1.68
8,790	90.30	181.90	7,289	-1,794.85	-15.55	-1,794.85	0.83
8,885	90.50	182.50	7,288	-1,889.77	-19.19	-1,889.77	0.67

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:00	3.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 9,100' TO 9,228' (128')
09:00	09:30	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 9,228' TO 9,243' (15')
09:30	10:30	1.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 9,243' TO 9,324' (81')
10:30	11:00	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 9,324' TO 9,344' (20')
11:00	11:30	0.50	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 9,344' TO 9,386' (42')
11:30	13:00	1.50	P	DRLPRD	15	CIRC	CIRC. HOLE CLEAN
13:00	14:30	1.50	P	DRLPRD	12	RIGSVC	CK. C.O.M. POOH
14:30	15:00	0.50	P	DRLPRD	12	RIGSVC	RIG SERVICE
15:00	16:30	1.50	P	DRLPRD	13	TRIP	T.I.H.
16:30	17:00	0.50	P	DRLPRD	16	WASHR	P/U KELLY, WASH F/ 9,315' TO 9,386'
17:00	17:30	0.50	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 9,386' TO 9,417' (31')
17:30	18:00	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 9,417' TO 9,429' (12')
18:00	18:30	0.50	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 9,429' TO 9,449' (20')
18:30	20:00	1.50	N	DRLPRD	15	CIRC	P/U & CIRC. W/ # 1 PUMP EHILE CHANGING OUT SWAB ON # 2 PUMP,
20:00	21:00	1.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 9,449' TO 9,514' (65')
21:00	21:30	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 9,514' TO 9538' (24')
21:30	00:30	3.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 9,538' TO 9,704' (166')
00:30	01:00	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 9,704' TO 9,722' (18')
01:00	02:00	1.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 9,722' TO 9,801 (79')
02:00	05:00	3.00	N	DRLPRD	15	CIRC	CIRC. W/ # 2 MUD PUMP WHILE CHANGING OUT # 1 SUCTION MODULE ON # 1 MUD PUMP.
05:00	06:00	1.00	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 9,801' TO 9,816' (15')

Daily Operations Comments

DAILY SLIDE HRS.3.5

CUM. SLIDE HRS. 43.0 LATERAL LENGTH F/85 DEG 2301'

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	G. METTLACH / R. SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	024
Report Date:	05/20/2011
Spud Date:	05/01/2011
Release Date:	
DFS: 18.75	DOL: 24 AFE Days:
Last BOP T.:	05/03/2011
Safety & Environmental Incident:	No

Depth md/tvd (ft):	11,024.02 / 7,300.00
Progress (ft):	1,208.00
ROP (ft/hr):	1,208.0 / 19.50 = 61.95
Proposed TD (ft):	12,005.40
Next Csg Point:	12,005.42

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,725.01
Ground Level (ft):	2,703.0
POB:	22
Total Man Hours:	254.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	59,208	0	0	59,208
Cum Cost($)	1,423,433	0	0	1,423,433
AFE($):	0	0	0	0

Current Activity: ROT. SLD. DRLG.

24 Hr Summary: ROT. SLD. DRLG. CHANGE #1 SWAB AND LINER ON # 2 MP. SERVICE RIG. ROT. SLD DRLG.

24 Hr Forecast: DRILL & SURVEY

MUD PROPERTIES

Fluids Co.:
Fluids Eng: Joe Crites

Time:	3:00	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	95
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	10,941.02	MBT:	
Density (ppg):	9.10	pH:	8.0
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	98,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.10
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$2,179.75
C M Cost($):	$37,095.91

Mud Additives	Used
BARITE	40
OXYGEN SCAVENGER	5
TAXES	1
ENGINEERING	1
MF-55	3
CORROSION INHIBITOR	20
SODA ASH	3
CAUSTIC SODA	6

MUD LOGGING

Trip Gas:	0 @ 0 (%)	BG Gas:	41 (%)	Surf to Surf:	
Conn Gas:	271 @ 271 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BIT RECORD

Bit#		5
S/N		7134610
Size (in)		8.75
Mfg		HUGHES
IADC Type		M433
Model #		Q408FX
Jets		4X12, 4X14
Depth In (ft)		7,854
Depth Out (ft)		
Bit Rotations		65/72
On Btm Hrs		68.50
Footage (ft)		3,472
ROP		50.7
WOB mn/mx (kip)	/	25 / 30
RPM rot/bit	/	65 / 72
Bit HP		1.21
HSI		1.16
PSI Drop (psi)		222.12
Jet Vel (ft/s)		165.17
Imp Force		418.16

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # 5								

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
9.63	5,315.41 /	5,315.41	12.04
5.50	12,005.42 /	7,184.41	10.81

INVENTORY

Item	Inv
DIESEL	6,954

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

BHA # LATERAL

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC BIT	3.000	8.750	1.00	1.00
1	6/7- 5.0- 1.50 DEG.- .29 REV/GAL M	3.000	6.625	25.65	26.65
1	FLOAT SUB	3.000	6.187	2.30	28.95
1	NM PONY COLLAR	6.881	6.187	10.30	39.25
1	UBHO SUB	3.000	6.250	3.63	42.88
1	NMDC	2.817	6.250	30.13	73.01
1	FLEX NMDC	2.875	6.500	31.06	104.07
1	CROSS OVER	2.312	6.187	1.96	106.03
165	DRILL PIPE	4.276	5.000	5,213.06	5,319.09
21	HWDP	3.000	5.000	642.65	5,961.74
	DRILL PIPE	4.276	5.000	5,075.28	11,037.02
				Total Length:	11,037.02

STRING LOADS

On Btm Torque:	250
Off Btm Torque:	175
Str. Wt. Up:	225
Str. Wt. Down:	145
Str. Wt. Rot.:	160

BHA PROPERTIES

BHA Hrs:	20
Jar Hrs:	
Motor Hrs:	4
Motor PSI Drop (kip):	225
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 537 SPP (psi): 2,800

AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
10,220	89.80	181.20	7,286	-3,224.10	-59.07	-3,224.10	0.57
10,314	89.10	180.00	7,287	-3,318.09	-60.05	-3,318.09	1.48
10,410	89.10	180.40	7,288	-3,414.08	-60.39	-3,414.08	0.42
10,505	88.80	180.50	7,290	-3,509.06	-61.13	-3,509.06	0.33
10,601	90.50	182.30	7,290	-3,605.02	-63.48	-3,605.02	2.58
10,694	87.90	180.80	7,292	-3,697.97	-65.99	-3,697.97	3.23
10,790	88.20	181.00	7,295	-3,793.90	-67.50	-3,793.90	0.38
10,886	88.90	181.30	7,297	-3,889.85	-69.43	-3,889.85	0.79

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:00	3.00	P	DRLPRD	10	DRLLAT	ROT.DRLG. F/ 9,816' TO 9,990' (174')
09:00	09:30	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 9,990' TO 10,005' (15')
09:30	11:30	2.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 10,005' TO 10,149' (144')
11:30	12:30	1.00	P	DRLPRD	15	CIRC	CIRC. W/ MP # 1 CHANGE SWAB AND LINER # 1 0N M/P # 2
12:30	14:30	2.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 10,149' TO 10,275' (126')
14:30	15:00	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 10,275' TO 10,283 (8')
15:00	17:00	2.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 10,283' TO 10,369' (86')
17:00	17:30	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 10,369' TO 10,377' (8')
17:30	21:30	4.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 10,377' TO 10,656' (279')
21:30	22:00	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 10,656' TO 10,668 (12')
22:00	03:00	5.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 10,668' TO 10,920' (241')
03:00	03:30	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 10,920 TO 10,932 (12')
03:30	04:00	0.50	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 10,932' TO 10,988' (56')
04:00	04:30	0.50	N	DRLPRD	15	CIRC	P/U OFF BTM. CIRC. WHILE CHANGING TRANSDUCER, BLEW UP DUE TO LIGHTNING
04:30	05:30	1.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 10,988' TO 11,024' (36 ')
05:30	06:00	0.50	N	DRLPRD	47	RROTHR	CHANGING FUEL FILTERS ON GENERATORS

Daily Operations Comments

DAILY SLIDE HRS.2.5

CUM. SLIDE HRS. 45.5 LATERAL LENGTH F/85 DEG 3522'

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: G. METTLACH / R. SMITH
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 025
Report Date: 05/21/2011
Spud Date: 05/01/2011
Release Date:
DFS: 19.75 DOL: 25 AFE Days:
Last BOP T.: 05/03/2011
Safety & Environmental Incident: No

Depth md/tvd (ft): 11,480.02 / 7,306.82
Progress (ft): 456.00
ROP (ft/hr): 456.0 / 12.00 = 38.00
Proposed TD (ft): 12,005.40
Next Csg Point: 5,315.41

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,725.01
Ground Level (ft): 2,703.0
POB: 23 Total Man Hours: 258.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	59,456	0	0	59,456
Cum Cost($)	1,482,889	0	0	1,482,889
AFE($):	0	0	0	0

Current Activity: TIH.

24 Hr Summary: ROT. SLD. DRLG.,SERVICE RIG., ROT. DRLG. PUMP 50 BBL. SWEEP CIRC. BTMS. UP PUMP SLUG POOH. CHANGE BIT, AND P/U NEW BHA. W/ VIBRATOR TIH.

24 Hr Forecast: DRILL & SURVEY

MUD PROPERTIES

Fluids Co.:
Fluids Eng: Joe Crites

Time:	3:30	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	11,480.02	MBT:	
Density (ppg):	9.40	pH:	9.5
FV (s/qt):	27	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	100,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.60
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.4	OWR:	/

MUD MATERIALS

D M Cost($): $2,415.85
C M Cost($): $39,511.76

Mud Additives	Used
TAXES	1
DCS TRICHON	4
OXYGEN SCAVENGER	5
CAUSTIC SODA	3
BARITE	61
CORROSION INHIBITOR	20
ENGINEERING	1

BIT RECORD

Bit#	5	#6
S/N	7134610	7134232
Size (in)	8.75	8.75
Mfg	HUGHES	HUGHES
IADC Type	M433	
Model #	Q408FX	Q408FX
Jets	4X12, 4X14	4X12, 4X14
Depth In (ft)	7,854	11,480
Depth Out (ft)	11,480	
Bit Rotations	50/70	/
On Btm Hrs	12.00	
Footage (ft)	456	
ROP	48.8	0.0
WOB mn/mx (kip)	20 / 30	/
RPM rot/bit	50 / 70	/
Bit HP	1.41	2.42
HSI	1.36	2.32
PSI Drop (psi)	249.51	356.92
Jet Vel (ft/s)	172.24	206.01
Imp Force	469.74	671.95

Grading	I	O	D	L	B	G	O	R
Bit # 5								
Bit # #6								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	/ 5,315.41 / 5,315.41	12.04
	/	10.81

INVENTORY

Item	Inv
DIESEL	5,376

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: 0 @ 0 (%)
Conn Gas: 160 @ 160 (%)
Form:
BG Gas: 76 (%)
Pore Pressure: (%)
Surf to Surf:
Lag Strokes:
Lag Time: (min)

BHA # #6

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC Q408FX		8.750	1.00	1.00
1	1.5 MUD MTR		6.625	26.71	27.71
1	FLOAT-SUB		6.187	2.30	30.01
1	PONY COLLAR	2.812	6.250	10.30	40.31
1	UBHO SUB		6.250	3.63	43.94
1	NMDC	2.812	6.250	30.13	74.07
1	FLEX NMDC	2.875	6.500	31.06	105.13
1	XO-SUB	2.312	6.187	1.96	107.09
96	96 JTS.DRILL PIPE	2.312	6.000	3,033.06	3,140.15
1	BACK OUT-SUB	2.312	6.000	3.18	3,143.33
1	VIBRATOR (DHV)	2.250	6.437	19.39	3,162.72
1	SHOCK SUB	2.500	6.375	12.46	3,175.18
183	183 JTS D.P.	2.312	6.000	5,781.76	8,956.94
30	30 JTS. HWDP	2.937	6.000	918.07	9,875.01
				Total Length:	9,875.01

STRING LOADS

On Btm Torque:	350
Off Btm Torque:	200
Str. Wt. Up:	225,000
Str. Wt. Down:	145,000
Str. Wt. Rot.:	165,000

BHA PROPERTIES

BHA Hrs:	12
Jar Hrs:	
Motor Hrs:	15
Motor PSI Drop (kip):	25,000
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 335 SPP (psi):
AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
10,694	87.90	180.80	7,292	-3,697.97	-65.99	-3,697.97	3.23
10,790	88.20	181.00	7,295	-3,793.90	-67.50	-3,793.90	0.38
10,886	88.90	181.30	7,297	-3,889.85	-69.43	-3,889.85	0.79
10,982	87.30	179.50	7,301	-3,985.79	-70.10	-3,985.79	2.51
11,077	87.90	179.80	7,305	-4,080.70	-69.52	-4,080.70	0.71
11,172	88.20	180.00	7,308	-4,175.65	-69.35	-4,175.65	0.38
11,266	89.70	181.00	7,309	-4,269.63	-70.17	-4,269.63	1.92
11,362	91.00	182.00	7,309	-4,365.59	-72.69	-4,365.59	1.71

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	15:00	9.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 11,024' TO 11,417' (393')
15:00	17:00	2.00	P	DRLPRD	10	DRLLAT	SLD.DRLG F/ 11,417' TO 11,432' (15')
17:00	17:30	0.50	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 11,432' TO 11,460' (28')
17:30	18:00	0.50	P	DRLPRD	10	DRLLAT	RIG SERVICE
18:00	18:30	0.50	P	DRLPRD	07	DRLVERT	ROT DRLG. F/ 11,460' TO 11480'
18:30	21:00	2.50	P	DRLPRD	15	CIRC	CIRC.
21:00	03:00	6.00	P	DRLPRD	13	TRIP	P.O.O.H.
03:00	04:00	1.00	P	DRLPRD	13	TRIP	S/M W/ MWD, RIG CREW, & DIR. DRLG. PULL MWD TOOL,DRAIN MUD MOTOR, BREAK BIT & LAY DOWN SAME
04:00	06:00	2.00	P	DRLPRD	13	TRIP	P/U MAKE UP NEW MUD MOTOR, BIT # 6 INST MWD TOOL, SCRIBE MOTOR & SURFACE TEST SAME START TIH FILL EVERY 25 STDS.

Daily Operations Comments
DAILY SLIDE HRS. 2
CUM. SLIDE HRS. 45.0 LATERAL LENGTH F/85 DEG 3965'

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	G. METTLACH / R. SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	026		
Report Date:	05/22/2011		
Spud Date:	05/01/2011		
Release Date:			
DFS: 20.75	DOL: 26	AFE Days:	
Last BOP T.:	05/03/2011		
Safety & Environmental Incident:	No		

Depth md/tvd (ft):	12,200.02 / 7,301.53
Progress (ft):	720.00
ROP:	720.0 / 15.50 = 46.45
Proposed TD (ft):	12,005.40
Next Csg Point:	5,315.41

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,725.01
Ground Level (ft):	2,703.0
POB:	24
Total Man Hours:	268.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	48,790	0	0	48,790
Cum Cost($)	1,531,679	0	0	1,531,679
AFE($):	0	0	0	0

Current Activity: ROT. SLD DRLG.

24 Hr Summary: TIH, SERVICE RIG., WASH & REAM F/ 11,428' TO 11,480' (52') ROT. SLD. DRLG. F/11480 -

24 Hr Forecast: DRILLING LATERAL

MUD PROPERTIES

Fluids Co.:
Fluids Eng: Joe Crites

Time:	2:45	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	12,112.02	MBT:	
Density (ppg):	9.25	pH:	9.0
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	87,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.60
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.3	OWR:	/

MUD MATERIALS

D M Cost($):	$1,446.55
C M Cost($):	$40,958.31

Mud Additives	Used
CORROSION INHIBITOR	20
TAXES	1
ENGINEERING	1
OXYGEN SCAVENGER	5
MF-55	2
CAUSTIC SODA	2
DCS TRICHON	2
SODA ASH	2

MUD LOGGING

Trip Gas:	485 @ 485 (%)	BG Gas:	61 (%)	Surf to Surf:	
Conn Gas:	102 @ 168 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BIT RECORD

Bit#		#6
S/N		7134232
Size (in)		8.75
Mfg		HUGHES
IADC Type		
Model #		Q408FX
Jets		4X12, 4X14
Depth In (ft)		11,480
Depth Out (ft)		
Bit Rotations		70/75
On Btm Hrs		16.00
Footage (ft)		720
ROP		45.0
WOB mn/mx (kip)	/	15 / 22
RPM rot/bit	/	70 / 75
Bit HP		1.13
HSI		1.08
PSI Drop (psi)		213.34
Jet Vel (ft/s)		160.56
Imp Force		401.64

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # #6								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	/ 5,315.41 / 5,315.41	12.04
	/	10.81

INVENTORY

Item	Inv
DIESEL	4,108

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

BHA # #6

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC Q408FX		8.750	1.00	1.00
1	1.5 MUD MTR		6.625	26.71	27.71
1	FLOAT-SUB		6.187	2.30	30.01
1	PONY COLLAR	2.812	6.250	10.30	40.31
1	UBHO SUB		6.250	3.63	43.94
1	NMDC	2.812	6.250	30.13	74.07
1	FLEX NMDC	2.875	6.500	31.06	105.13
1	XO-SUB	2.312	6.187	1.96	107.09
96	96 JTS.DRILL PIPE	2.312	6.000	3,033.06	3,140.15
1	BACK OUT-SUB	2.312	6.000	3.18	3,143.33
1	VIBRATOR (DHV)	2.250	6.437	19.39	3,162.72
1	SHOCK SUB	2.500	6.375	12.46	3,175.18
183	183 JTS D.P.	2.312	6.000	5,781.76	8,956.94
30	30 JTS. HWDP	2.937	6.000	918.07	9,875.01
				Total Length:	9,875.01

STRING LOADS

On Btm Torque:	4,000
Off Btm Torque:	2,000
Str. Wt. Up:	250
Str. Wt. Down:	125
Str. Wt. Rot.:	165

BHA PROPERTIES

BHA Hrs:	16
Jar Hrs:	
Motor Hrs:	16
Motor PSI Drop (kip):	25,000
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 522 SPP (psi): 2,850

AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
11,362	91.00	182.00	7,309	-4,365.59	-72.69	-4,365.59	1.71
11,477	89.10	181.10	7,309	-4,480.54	-75.80	-4,480.54	1.83
11,571	90.00	181.40	7,310	-4,574.51	-77.85	-4,574.51	1.01
11,667	90.30	181.10	7,309	-4,670.49	-79.94	-4,670.49	0.44
11,762	91.00	181.20	7,308	-4,765.46	-81.85	-4,765.46	0.74
11,857	89.50	181.20	7,308	-4,860.44	-83.84	-4,860.44	1.58
11,950	90.40	181.40	7,308	-4,953.42	-85.95	-4,953.42	0.99
12,046	91.70	181.90	7,306	-5,049.36	-88.71	-5,049.36	1.45

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	13:30	7.50	P	DRLPRD	10	DRLLAT	TIH, P/U SAFETY-SUB, VIBRATOR, SHOCK SUB, 9 JTS. HWDP @ LAY DOWN 9 JTS. D.P. L/D 1 JT. DUE TO WASH OUT ON BOX.
13:30	14:00	0.50	P	DRLPRD	10	DRLLAT	SERVICE RIG.
14:00	14:30	0.50	P	DRLPRD	10	DRLLAT	WASH AND REAM F/ 1,428' TO 11,480'
14:30	22:00	7.50	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 11,480' TO 11,828' (348')
22:00	22:30	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 11,828' TO 11,835 (7')
22:30	03:00	4.50	P	DRLPRD	10	DRLLAT	ROT DRLG. F/ 11,835' TO 12,112' (277')
03:00	03:30	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG F/ 12,112' TO 12,120' (8')
03:30	06:00	2.50	P	DRLPRD	10	DRLLAT	ROT. DRLG F/ 12,120' TO 12200' (80)

Daily Operations Comments

DAILY SLIDE HRS. 1

CUM. SLIDE HRS. 46.0 LATERAL LENGTH F/85 DEG 4685'

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: G. METTLACH / R. SMITH
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 027
Report Date: 05/23/2011
Spud Date: 05/01/2011
Release Date:
DFS: 21.75 DOL: 27 AFE Days:
Last BOP T.: 05/03/2011
Safety & Environmental Incident: No

Depth md/tvd (ft): 13,068.03 / 7,296.83
Progress (ft): 852.00
ROP (ft/hr): 852.0 / 19.00 = 44.84
Proposed TD (ft): 12,005.40
Next Csg Point: 5,315.41

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,725.01
Ground Level (ft): 2,703.0
POB: 22 Total Man Hours: 254.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	41,442	0	0	41,442
Cum Cost($)	1,573,121	0	0	1,573,121
AFE($):	0	0	0	0

Current Activity: CHANGING LINER & SWAB

24 Hr Summary: ROT. SLD. DRLG. SERVICE RIG. PUMP SWEEP, WAIT 10 MIN. PUMP ANOTHER SWEEP, 2 COMPLETE CIRCULATIONS. ROT. DRLG. CHANGE SWAB ON # 2 PUMP.

24 Hr Forecast: DRILLING LATERAL

MUD PROPERTIES

Fluids Co.:
Fluids Eng: Joe Crites

Time:	2:50	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	12,112.02	MBT:	
Density (ppg):	9.25	pH:	7.5
FV (s/qt):	27	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	91,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.40
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.3	OWR:	/

MUD MATERIALS

D M Cost($): $5,184.22
C M Cost($): $46,062.53

Mud Additives	Used
OPTIZAN	21
ENGINEERING	1
TAXES	1
SODA ASH	2
MF-55	2
CAUSTIC SODA	3
DCS TRICHON	2

BIT RECORD

Bit#		#6
S/N		7134232
Size (in)		8.75
Mfg		HUGHES
IADC Type		
Model #		Q408FX
Jets		4X12, 4X14
Depth In (ft)		11,480
Depth Out (ft)		
Bit Rotations		65/75
On Btm Hrs		35.00
Footage (ft)		
ROP		20.6
WOB mn/mx (kip)	/	15 / 20
RPM rot/bit	/	65 / 75
Bit HP		1.13
HSI		1.08
PSI Drop (psi)		213.34
Jet Vel (ft/s)		160.56
Imp Force		401.64

Grading: I O D L B G O R
Bit #
Bit # #6

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	/ 5,315.41 / 5,315.41	12.04
	/	10.81

INVENTORY

Item	Inv
DIESEL	2,204

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: 0 @ 485 (%)
Conn Gas: 65 @ 168 (%)
Form:
BG Gas: 43 (%)
Pore Pressure: (%)
Surf to Surf:
Lag Strokes:
Lag Time: (min)

BHA # #6

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC Q408FX		8.750	1.00	1.00
1	1.5 MUD MTR		6.625	26.71	27.71
1	FLOAT-SUB		6.187	2.30	30.01
1	PONY COLLAR	2.812	6.250	10.30	40.31
1	UBHO SUB		6.250	3.63	43.94
1	NMDC	2.812	6.250	30.13	74.07
1	FLEX NMDC	2.875	6.500	31.06	105.13
1	XO-SUB	2.312	6.187	1.96	107.09
96	96 JTS.DRILL PIPE	2.312	6.000	3,033.06	3,140.15
1	BACK OUT-SUB	2.312	6.000	3.18	3,143.33
1	VIBRATOR (DHV)	2.250	6.437	19.39	3,162.72
1	SHOCK SUB	2.500	6.375	12.46	3,175.18
183	183 JTS D.P.	2.312	6.000	5,781.76	8,956.94
30	30 JTS. HWDP	2.937	6.000	918.07	9,875.01
				Total Length:	9,875.01

STRING LOADS

On Btm Torque:	35,000
Off Btm Torque:	2,000
Str. Wt. Up:	250
Str. Wt. Down:	125
Str. Wt. Rot.:	170

BHA PROPERTIES

BHA Hrs:	19
Jar Hrs:	
Motor Hrs:	23
Motor PSI Drop (kip):	20,000
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 522 SPP (psi): 2,900
AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
12,332	90.20	180.10	7,302	-5,335.25	-94.36	-5,335.25	1.32
12,427	89.70	179.00	7,302	-5,430.25	-93.61	-5,430.25	1.27
12,522	89.80	181.60	7,302	-5,525.24	-94.11	-5,525.24	2.74
12,618	88.00	181.00	7,304	-5,621.19	-96.29	-5,621.19	1.98
12,818	89.90	181.10	7,309	-5,821.11	-98.82	-5,821.11	1.68
12,904	97.10	183.00	7,304	-5,906.83	-101.88	-5,906.83	8.66
12,999	90.40	181.40	7,297	-6,001.50	-105.52	-6,001.50	7.25
12,714	88.30	180.40	7,307	-5,717.13	-97.46	-5,717.13	0.70

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	DRLPRD	10	DRLLAT	SLD DRLG. F/ 12.216' TO 12219' (3')
06:30	08:00	1.50	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 12,219' TO 12,302' (83')
08:00	09:00	1.00	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 12,302 TO 12, 314' (12')
09:00	10:00	1.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 12,314' TO 12,398' (84')
10:00	11:30	1.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 12,398' TO 12,410' (12')
11:30	12:00	0.50	P	DRLPRD	12	RIGSVC	SERVICE RIG.
12:00	13:00	1.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 12,410' TO 12,493' (83')
13:00	14:00	1.00	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 12493' TO 12,503' (10')
14:00	15:30	1.50	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 12,503' TO 12,588' (85')
15:30	16:30	1.00	P	DRLPRD	10	DRLLAT	SLD. DRLG F/ 12,588' TO 12,600' (12')
16:30	21:00	4.50	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 12,600 TO 12,884' (284')
21:00	22:00	1.00	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 12,884' TO 12,888 (4') WORK PIPE BETWEEN SLIDE, DUE TO EXCESSIVE DRAG.
22:00	22:30	0.50	P	DRLPRD	10	DRLLAT	ROT DRLG. F/ 12,888' TO 12,896' (8')
22:30	00:30	2.00	P	DRLPRD	15	CIRC	PUMP SWEEP WAIT 10 MIN. PUMP ANOTHER SWEEP, CIRC TWO BTMS UP TO HELP REDUCE DRAG.
00:30	01:00	0.50	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 12,896' TO 12,940' (44')
01:00	02:00	1.00	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 12,940' TO 12,952' (12')
02:00	04:00	2.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 12,952' TO 13,065' (113')
04:00	06:00	2.00	N	DRLPRD	15	CIRC	ATTEMPTED TO SLD. SWAB WENT OUT ON # 2 MUD PUMP. CHANGING OUT SWAB AND LINER ON # 2 MUD PUMP. CIRC. W/ # 1 PUMP.

Daily Operations Comments
DAILY SLIDE HRS. 7
CUM. SLIDE HRS. 53.0 LATERAL LENGTH F/85 DEG. 5553'

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	G. METTLACH / R. SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	028		
Report Date:	05/24/2011		
Spud Date:	05/01/2011		
Release Date:			
DFS: 22.75	DOL: 28	AFE Days:	
Last BOP T.:	05/03/2011		
Safety & Environmental Incident:	No		

Depth md/tvd (ft):	13,974.03 / 7,309.64
Progress (ft):	906.00
ROP:	906.0 / 19.50 = 46.46
Proposed TD (ft):	15,022.00
Next Csg Point:	15,021.03

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,725.01
Ground Level (ft):	2,703.0
POB:	22
Total Man Hours:	254.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	72,554	0	0	72,554
Cum Cost($)	1,645,675	0	0	1,645,675
AFE($):	0	0	0	0

Current Activity: ROT. SLD DRLG.

24 Hr Summary: ROT.SLD. DRLG. SERVICE RIG., WORK ON AIR COMOPRESSOR, CHANGE OUT KELLY SPINNER, & REPAIR ROT. CHAIN ROT SLD. DRLG. PUMP 50 BBL SWEEP 2 COMPLETE CIRCULATIONS DUE TO DRAG.CHANGE OUT ANOTHER KELLY SPINNER ROT SLD DRLG.

24 Hr Forecast: DRILLING LATERAL

MUD PROPERTIES

Fluids Co.:
Fluids Eng: Joe Crites

Time:	3:10	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	13,859.03	MBT:	
Density (ppg):	9.25	pH:	10.0
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	94,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.40
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.3	OWR:	/

MUD MATERIALS

D M Cost($):	$5,012.11
C M Cost($):	$51,074.64

Mud Additives	Used
CORROSION INHIBITOR	20
MF-55	5
CAUSTIC SODA	8
ENGINEERING	1
OPTIZAN	16
TAXES	1
DCS TRICHON	2
SODA ASH	3
OXYGEN SCAVENGER	5

BIT RECORD

Bit#		#6
S/N		7134232
Size (in)		8.75
Mfg		HUGHES
IADC Type		
Model #		Q408FX
Jets		4X12, 4X14
Depth In (ft)		11,480
Depth Out (ft)		
Bit Rotations		60/80
On Btm Hrs		54.50
Footage (ft)		
ROP		13.2
WOB mn/mx (kip)	/	15 / 20
RPM rot/bit	/	60 / 80
Bit HP		1.13
HSI		1.08
PSI Drop (psi)		213.34
Jet Vel (ft/s)		160.56
Imp Force		401.64

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # #6								

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
	/		
9.63	5,315.41 /	5,315.41	12.04
5.50	15,021.03 /	7,220.01	10.81

INVENTORY

Item	Inv
DIESEL	7,520

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas:	0 @ (%)	BG Gas:	43 (%)	Surf to Surf:	
Conn Gas:	65 @ 168 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BHA # #6

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC Q408FX		8.750	1.00	1.00
1	1.5 MUD MTR		6.625	26.71	27.71
1	FLOAT-SUB		6.187	2.30	30.01
1	PONY COLLAR	2.812	6.250	10.30	40.31
1	UBHO SUB		6.250	3.63	43.94
1	NMDC	2.812	6.250	30.13	74.07
1	FLEX NMDC	2.875	6.500	31.06	105.13
1	XO-SUB	2.312	6.187	1.96	107.09
96	96 JTS.DRILL PIPE	2.312	6.000	3,033.06	3,140.15
1	BACK OUT-SUB	2.312	6.000	3.18	3,143.33
1	VIBRATOR (DHV)	2.250	6.437	19.39	3,162.72
1	SHOCK SUB	2.500	6.375	12.46	3,175.18
183	183 JTS D.P.	2.312	6.000	5,781.76	8,956.94
30	30 JTS. HWDP	2.937	6.000	918.07	9,875.01
				Total Length:	9,875.01

STRING LOADS

On Btm Torque:	4,000
Off Btm Torque:	2,500
Str. Wt. Up:	260
Str. Wt. Down:	125
Str. Wt. Rot.:	180

BHA PROPERTIES

BHA Hrs:	
Jar Hrs:	
Motor Hrs:	4
Motor PSI Drop (kip):	20,000
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 522 SPP (psi): 3,100
AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
13,188	89.50	179.50	7,299	-6,190.47	-107.09	-6,190.47	1.24
13,283	87.50	179.30	7,302	-6,285.43	-106.10	-6,285.43	2.12
13,379	88.20	179.90	7,305	-6,381.36	-105.43	-6,381.36	0.96
13,475	88.70	179.90	7,308	-6,477.33	-105.26	-6,477.33	0.52
13,570	89.30	180.40	7,310	-6,572.31	-105.51	-6,572.31	0.82
13,665	89.70	180.40	7,310	-6,667.30	-106.17	-6,667.30	0.42
13,761	89.90	180.10	7,311	-6,763.30	-106.59	-6,763.30	0.38
13,856	90.40	180.20	7,310	-6,858.30	-106.84	-6,858.30	0.54

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 13,065' TO 13,077' (12')
07:00	10:00	3.00	P	DRLPRD	10	DRLLAT	ROT DRLG. F/ 13,077' TO 13,244' (167')
10:00	10:30	0.50	P	DRLPRD	12	RIGSVC	SERVICE RIG.
10:30	12:00	1.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 13,244' TO 13,254' (10')
12:00	12:30	0.50	N	DRLPRD	47	RROTHR	WORKING ON AIR COMPRESSOR
12:30	13:30	1.00	P	DRLPRD	10	DRLLAT	ROT. DRLG F/ 13,254' TO 13,373' (119')
13:30	15:30	2.00	N	DRLPRD	43	RRTOP	REPAIR ROT. CHAIN AND KELLY SPINNER
15:30	19:30	4.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 13,373' TO 13,563' (190')
19:30	21:00	1.50	P	DRLPRD	15	CIRC	PUMP 60 BBL SWEEP & CIRC. 2 BTMS UP (DUE TO DRAG)
21:00	21:30	0.50	P	DRLPRD	47	RROTHR	CHANGE OUT KELLY SPINNER
21:30	06:00	8.50	P	DRLPRD	10	DRLLAT	ROT DRLG. F/ 13,563' TO 13,974' (411')

Daily Operations Comments

DAILY SLIDE HRS. 2.5

CUM. SLIDE HRS. 55.5 LATERAL LENGTH F/85 DEG. 6,459'

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	G. METTLACH / R. SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	029		
Report Date:	05/25/2011		
Spud Date:	05/01/2011		
Release Date:			
DFS: 23.75	DOL: 29	AFE Days:	
Last BOP T.:	05/03/2011		
Safety & Environmental Incident:	No		

Depth md/tvd (ft):	14,578.03 / 7,305.42
Progress (ft):	604.00
ROP:	604.0 / 19.00 = 31.79
Proposed TD (ft):	15,022.00
Next Csg Point:	15,021.03

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,725.01
Ground Level (ft):	2,703.0
POB:	25
Total Man Hours:	278.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	45,409	0	0	45,409
Cum Cost($)	1,691,084	0	0	1,691,084
AFE($):	0	0	0	0

Current Activity: ROT. SLD. DRLG.

24 Hr Summary: ROT. SLD DRLG., ATTEMOTED TO SLD. KELLY AND SAVER SUB BACKED OFF.SLACKED OFF MADE UP ON D.P. REPLACED TIW & SAVER SUB. ROT. DRLG. RIG SERVICE ROT. DRLG. L/D D.P. WSAHED OUT ON BOX ROT. DRLG.

24 Hr Forecast: DRILLING LATERAL

MUD PROPERTIES

Fluids Co.:			
Fluids Eng:	Joe Crites		
Time:	2:40	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	14,475.03	MBT:	
Density (ppg):	9.25	pH:	10.0
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	98,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.40
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.3	OWR:	/

MUD MATERIALS

D M Cost($):	$8,093.73
C M Cost($):	$59,168.37

Mud Additives	Used
ENGINEERING	1
MF-55	3
TAXES	1
OPTIZAN	34
CAUSTIC SODA	6
CORROSION INHIBITOR	20
SODA ASH	3
OXYGEN SCAVENGER	5
DCS TRICHON	2

BIT RECORD

Bit#		#6
S/N		7134232
Size (in)		8.75
Mfg		HUGHES
IADC Type		
Model #		Q408FX
Jets		4X12, 4X14
Depth In (ft)		11,480
Depth Out (ft)		
Bit Rotations		75/90
On Btm Hrs		73.50
Footage (ft)		2,230
ROP		30.3
WOB mn/mx (kip)	/	15 / 20
RPM rot/bit	/	75 / 90
Bit HP		1.18
HSI		1.13
PSI Drop (psi)		219.93
Jet Vel (ft/s)		163.02
Imp Force		414.04

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # #6								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	5,315.41 / 5,315.41	12.04
5.50	15,021.03 / 7,220.01	10.81

INVENTORY

Item	Inv
DIESEL	5,510

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: 0 @ (%)	BG Gas: 189 (%)	Surf to Surf:
Conn Gas: 272 @ 317 (%)		Lag Strokes:
Form:	Pore Pressure: (%)	Lag Time: (min)

BHA # #6

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC Q408FX		8.750	1.00	1.00
1	1.5 MUD MTR		6.625	26.71	27.71
1	FLOAT-SUB		6.187	2.30	30.01
1	PONY COLLAR	2.812	6.250	10.30	40.31
1	UBHO SUB		6.250	3.63	43.94
1	NMDC	2.812	6.250	30.13	74.07
1	FLEX NMDC	2.875	6.500	31.06	105.13
1	XO-SUB	2.312	6.187	1.96	107.09
96	96 JTS.DRILL PIPE	2.312	6.000	3,033.06	3,140.15
1	BACK OUT-SUB	2.312	6.000	3.18	3,143.33
1	VIBRATOR (DHV)	2.250	6.437	19.39	3,162.72
1	SHOCK SUB	2.500	6.375	12.46	3,175.18
183	183 JTS D.P.	2.312	6.000	5,781.76	8,956.94
30	30 JTS. HWDP	2.937	6.000	918.07	9,875.01
				Total Length:	9,875.01

STRING LOADS

On Btm Torque:	4,300
Off Btm Torque:	2,500
Str. Wt. Up:	260
Str. Wt. Down:	125
Str. Wt. Rot.:	185

BHA PROPERTIES

BHA Hrs:	19
Jar Hrs:	
Motor Hrs:	24
Motor PSI Drop (kip):	20,000
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 530 SPP (psi): 3,100

AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
13,188	89.50	179.50	7,299	-6,190.47	-107.09	-6,190.47	1.24
13,283	87.50	179.30	7,302	-6,285.43	-106.10	-6,285.43	2.12
13,379	88.20	179.90	7,305	-6,381.36	-105.43	-6,381.36	0.96
13,475	88.70	179.90	7,308	-6,477.33	-105.26	-6,477.33	0.52
13,570	89.30	180.40	7,310	-6,572.31	-105.51	-6,572.31	0.82
13,665	89.70	180.40	7,310	-6,667.30	-106.17	-6,667.30	0.42
13,761	89.90	180.10	7,311	-6,763.30	-106.59	-6,763.30	0.38
13,856	90.40	180.20	7,310	-6,858.30	-106.84	-6,858.30	0.54

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 13,974' TO 14,016' (42')
07:00	08:00	1.00	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 14,016' TO 14,020' (4')
08:00	09:00	1.00	N	DRLPRD	47	RROTHR	ATTEMPTING TO SLD. ROCKING PIPE, KELLY & TOP SAVER SUB BACKED OFF. SLACKED OFF MADE UP SAME P/U REPLACED LOWER VALVE AND SAVER SUB. CHG. SHAKER SCREENS
09:00	10:00	1.00	P	DRLPRD	10	DRLLAT	SLD. DRLG F/ 14,020' TO 14024' (4')
10:00	15:30	5.50	P	DRLPRD	10	DRLLAT	ROT. DRLG F/ 14,024' TO 14,260' (236')
15:30	16:00	0.50	P	DRLPRD	12	RIGSVC	SERVICE RIG.
16:00	17:30	1.50	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 14,260' TO 14,301' (41')
17:30	19:00	1.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 14,301' TO 14,312' (11')
19:00	19:30	0.50	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 14,312 TO 14,323' (11')
19:30	20:00	0.50	N	DRLPRD	55	DSFAILWO	MADE CONNECTION JT. WASHED OUT ON BOX. MARKED JT L/D SAME
20:00	21:00	1.00	P	DRLPRD	10	DRLLAT	ROT. DRLG. F/ 14,323' TO 14,386' (63')
21:00	00:00	3.00	P	DRLPRD	15	CIRC	PUMP 60 BBL SWEEP & CIRC. 2 B/U AND WORK PIPE TO REDUCE DRAG BEFORE MAKING SLIDE.
00:00	00:30	0.50	P	DRLPRD	10	DRLLAT	SLD. DRLG. F/ 14,396 TO 14,410 (14')
00:30	06:00	5.50	P	DRLPRD	10	DRLLAT	ROT. DRLG F/ 14,410 TO 14578' (168) RUNNING 10-12 BIT WEIGHT TO HELP KEEP INC FROM BUILDING.

Daily Operations Comments

DAILY SLIDE HRS. 4

CUM. SLIDE HRS. 59.5 LATERAL LENGTH F/85 DEG. 7,063'

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: G. METTLACH / R. SMITH
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 030
Report Date: 05/26/2011
Spud Date: 05/01/2011
Release Date:
DFS: 24.75 DOL: 30 AFE Days:
Last BOP T.: 05/03/2011
Safety & Environmental Incident: No

Depth md/tvd (ft): 15,024.03 / 7,297.75
Progress (ft): 446.00
ROP: 446.0 / 12.00 = 37.17
Proposed TD (ft): 15,022.00
Next Csg Point: 15,021.03

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,725.01
Ground Level (ft): 2,703.0
POB: 24 Total Man Hours: 264.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	60,572	0	0	60,572
Cum Cost($)	1,751,656	0	0	1,751,656
AFE($):	0	0	0	0

Current Activity: SLIP & CUT DRILLINE

24 Hr Summary: ROT DRILL F/14578- 14924',R/S,ROT DRILL F/14924'- 15024', PUMP WEIGHTED & HI VIS SWEEPS CIRC HOLE CLEAN,POOH TO CSG SHOE ,SLIP & CUT DRILLINE.

24 Hr Forecast: TIH., CIRC HOLE CLEAN, POOH LAYING DOWN D.P

MUD PROPERTIES

Fluids Co.:
Fluids Eng: Joe Crites

Time:	2:50	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	15,027.03	MBT:	
Density (ppg):	9.30	pH:	8.5
FV (s/qt):	28	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	96,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.40
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.3	OWR:	/

MUD MATERIALS

D M Cost($): $5,414.13
C M Cost($): $64,582.50

Mud Additives	Used
CORROSION INHIBITOR	20
TAXES	1
OPTIZAN	16
SODA ASH	2
ENGINEERING	1
DCS TRICHON	2
BARITE	64
WRAPS	2
OXYGEN SCAVENGER	5
CAUSTIC SODA	5

MUD LOGGING

Trip Gas:	0 @ (%)	BG Gas:	188 (%)	Surf to Surf:	
Conn Gas:	401 @ 401 (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BIT RECORD

Bit#		#6
S/N		7134232
Size (in)		8.75
Mfg		HUGHES
IADC Type		
Model #		Q408FX
Jets		4X12, 4X14
Depth In (ft)		11,480
Depth Out (ft)		
Bit Rotations		60/90
On Btm Hrs		85.50
Footage (ft)		2,676
ROP		31.3
WOB mn/mx (kip)	/	10 / 14
RPM rot/bit	/	60 / 90
Bit HP		1.81
HSI		1.73
PSI Drop (psi)		292.45
Jet Vel (ft/s)		187.98
Imp Force		550.57

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # #6								

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
	/		
9.63	5,315.41 /	5,315.41	12.04
5.50	15,021.03 /	7,220.01	10.81

INVENTORY

Item	Inv
DIESEL	3,711

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

BHA # #6

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC Q408FX		8.750	1.00	1.00
1	1.5 MUD MTR		6.625	26.71	27.71
1	FLOAT-SUB		6.187	2.30	30.01
1	PONY COLLAR	2.812	6.250	10.30	40.31
1	UBHO SUB		6.250	3.63	43.94
1	NMDC	2.812	6.250	30.13	74.07
1	FLEX NMDC	2.875	6.500	31.06	105.13
1	XO-SUB	2.312	6.187	1.96	107.09
96	96 JTS.DRILL PIPE	2.312	6.000	3,033.06	3,140.15
1	BACK OUT-SUB	2.312	6.000	3.18	3,143.33
1	VIBRATOR (DHV)	2.250	6.437	19.39	3,162.72
1	SHOCK SUB	2.500	6.375	12.46	3,175.18
183	183 JTS D.P.	2.312	6.000	5,781.76	8,956.94
30	30 JTS. HWDP	2.937	6.000	918.07	9,875.01
				Total Length:	9,875.01

STRING LOADS

On Btm Torque:	4,600
Off Btm Torque:	3,000
Str. Wt. Up:	185,000
Str. Wt. Down:	80,000
Str. Wt. Rot.:	185,000

BHA PROPERTIES

BHA Hrs:	12
Jar Hrs:	
Motor Hrs:	17
Motor PSI Drop (kip):	30,000
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 510 SPP (psi): 2,950
AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
13,761	89.90	180.10	7,311	-6,763.30	-106.59	-6,763.30	0.38
13,856	90.40	180.20	7,310	-6,858.30	-106.84	-6,858.30	0.54
14,522	90.60	179.20	7,303	-7,524.21	-108.96	-7,524.21	0.52
14,615	90.80	178.50	7,302	-7,617.19	-107.10	-7,617.19	0.78
14,708	90.60	178.00	7,301	-7,710.14	-104.26	-7,710.14	0.58
14,804	90.40	177.40	7,300	-7,806.06	-100.40	-7,806.06	0.66
14,900	90.60	176.80	7,299	-7,901.93	-95.55	-7,901.93	0.66
14,968	90.50	176.00	7,298	-7,969.79	-91.28	-7,969.79	1.19

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	15:30	9.50	P	DRLPRD	10	DRLLAT	ROT DRILL F/14578' TO 14924' (346')
15:30	16:00	0.50	P	DRLPRD	12	RIGSVC	RIG SERVICE
16:00	18:30	2.50	P	DRLPRD	10	DRLLAT	ROT DRILL F/14924' TO 15024' (100')
18:30	23:30	5.00	P	DRLPRD	15	CIRC	PUMP WEIGHTED HI VIS SWEEPS AND CIRC HOLE CLEAN WORKING PIPE AND ROT @ 80 - 90 RPM
23:30	05:30	6.00	P	DRLPRD	13	TRIP	S/M W/ CREW RACK KELLY BACK FUNCTION C.O.M & P.O.O.H. TO CSG SHOE.
05:30	06:00	0.50	P	DRLPRD	12	RIGSVC	SLIP & CUT DRILLINE

Daily Operations Comments
DAILY SLIDE HRS. 0
CUM. SLIDE HRS. 59.5 LATERAL LENGTH F/85 DEG. 7,509'

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	K.GREEN / R. SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	031
Report Date:	05/27/2011
Spud Date:	05/01/2011
Release Date:	
DFS: 25.75	DOL: 31 AFE Days:
Last BOP T.:	05/03/2011
Safety & Environmental Incident:	No

Depth md/tvd (ft):	15,024.03 / 7,297.75
Progress (ft):	0.00
ROP:	0.0 / 16.00 = 0.00
Proposed TD (ft):	15,022.00
Next Csg Point:	15,021.03

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,725.01
Ground Level (ft):	2,703.0
POB:	22
Total Man Hours:	254.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	40,007	0	0	40,007
Cum Cost($)	1,791,663	0	0	1,791,663
AFE($):	0	0	0	0

Current Activity: CIRC. HOLE CLEAN

24 Hr Summary: SLIP AND CUT 100' DRILL LINE, SERVICE RIG., TIH., 12,347' CIRC. HOLE CLEAN., TIH F/ 12,347' TO 13,680' CIRC. HOLE CLEAN, TIH F/ 13,680' TO 13,772, REAMED F/ 13,772 TO 15,024'.

24 Hr Forecast: PUMP 2 60 BBL. HI-VIS SWEEPS 2 B/U OR TILL HOLES CLEAN. POOH L/D D.P.

MUD PROPERTIES

Fluids Co.:			
Fluids Eng:	Joe Crites		
Time:	2:35	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	15,027.03	MBT:	
Density (ppg):	9.20	pH:	8.5
FV (s/qt):	27	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	96,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.40
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$3,249.02
C M Cost($):	$67,831.52

Mud Additives	Used
TAXES	1
ENGINEERING	1
BARITE	5
SODA ASH	2
OPTIZAN	13
WRAPS	1

BIT RECORD

Bit#		#6
S/N		7134232
Size (in)		8.75
Mfg		HUGHES
IADC Type		
Model #		Q408FX
Jets		4X12, 4X14
Depth In (ft)		11,480
Depth Out (ft)		
Bit Rotations		60/70
On Btm Hrs Cum		95.00
Footage Cum (ft)		
ROP Cum		28.2
WOB mn/mx (kip)	/	15 / 15
RPM rot/bit	/	60 / 70
Bit HP		1.13
HSI		1.08
PSI Drop (psi)		213.00
Jet Vel (ft/s)		160.86
Imp Force		401.00

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # #6								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	5,315.41 / 5,315.41	12.04
5.50	15,021.03 / 7,220.01	10.81

INVENTORY

Item	Inv
DIESEL	2,504

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: 0 @ (%)	BG Gas: 188 (%)	Surf to Surf:
Conn Gas: 401 @ 401 (%)		Lag Strokes:
Form:	Pore Pressure: (%)	Lag Time: (min)

BHA # #6

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC Q408FX		8.750	1.00	1.00
1	1.5 MUD MTR		6.625	26.71	27.71
1	FLOAT-SUB		6.187	2.30	30.01
1	PONY COLLAR	2.812	6.250	10.30	40.31
1	UBHO SUB		6.250	3.63	43.94
1	NMDC	2.812	6.250	30.13	74.07
1	FLEX NMDC	2.875	6.500	31.06	105.13
1	XO-SUB	2.312	6.187	1.96	107.09
96	96 JTS.DRILL PIPE	2.312	6.000	3,033.06	3,140.15
1	BACK OUT-SUB	2.312	6.000	3.18	3,143.33
1	VIBRATOR (DHV)	2.250	6.437	19.39	3,162.72
1	SHOCK SUB	2.500	6.375	12.46	3,175.18
183	183 JTS D.P.	2.312	6.000	5,781.76	8,956.94
30	30 JTS. HWDP	2.937	6.000	918.07	9,875.01
				Total Length:	9,875.01

STRING LOADS

On Btm Torque:	450
Off Btm Torque:	200
Str. Wt. Up:	280,000
Str. Wt. Down:	125,000
Str. Wt. Rot.:	190,000
Max Over Pull:	30,000

BHA PROPERTIES

BHA Hrs:	
Jar Hrs:	
Cum String Hours:	149
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 523 SPP (psi): 2,800

AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
13,761	89.90	180.10	7,311	-6,763.30	-106.59	-6,763.30	0.38
13,856	90.40	180.20	7,310	-6,858.30	-106.84	-6,858.30	0.54
14,522	90.60	179.20	7,303	-7,524.21	-108.96	-7,524.21	0.52
14,615	90.80	178.50	7,302	-7,617.19	-107.10	-7,617.19	0.78
14,708	90.60	178.00	7,301	-7,710.14	-104.26	-7,710.14	0.58
14,804	90.40	177.40	7,300	-7,806.06	-100.40	-7,806.06	0.66
14,900	90.60	176.80	7,299	-7,901.93	-95.55	-7,901.93	0.66
14,968	90.50	176.00	7,298	-7,969.79	-91.28	-7,969.79	1.19

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:30	1.50	P	DRLPRD	42	OTHER	SLIP & CUT 100' OF DRILL LINE
07:30	08:00	0.50	P	DRLPRD	12	RIGSVC	RIG SERVICE
08:00	12:00	4.00	P	DRLPRD	13	TRIP	TRIP BACK IN HOLE TO 12,347'
12:00	14:30	2.50	P	DRLPRD	15	CIRC	CIRCULATE TO CLEAN HOLE
14:30	15:30	1.00	P	DRLPRD	13	TRIP	CONTINUE TRIP IN HOLE 12,347' - 13,680'
15:30	16:00	0.50	P	DRLPRD	15	CIRC	CIRCULATE TO CLEAN HOLE
16:00	17:00	1.00	P	DRLPRD	13	TRIP	CONTINUE TRIP IN HOLE 13,680' - 13,772'
17:00	02:30	9.50	P	DRLPRD	16	WASHR	WASH AND REAM F/ 13,772' - 15,024'
02:30	06:00	3.50	P	DRLPRD	15	CIRC	P/U KELLY PUMP 30 BBL. SWEEP WAIT 10 MIN. PUMP ANOTHER 30 BBL. SWEEP.

Daily Operations Comments

DAILY SLIDE HRS. 0

CUM. SLIDE HRS. 59.5 LATERAL LENGTH F/85 DEG. 7,509'

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	K.GREEN / R. SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	032
Report Date:	05/28/2011
Spud Date:	05/01/2011
Release Date:	
DFS: 26.75	DOL: 32 AFE Days:
Last BOP T.:	05/03/2011
Safety & Environmental Incident:	No

Depth md/tvd (ft):	15,024.03 / 7,297.75
Progress (ft):	0.00
ROP:	0.0 / 2.00 = 0.00
Proposed TD (ft):	15,022.00
Next Csg Point:	15,021.03

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,725.01
Ground Level (ft):	2,703.0
POB:	22
Total Man Hours:	254.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	46,876	0	0	46,876
Cum Cost($)	1,829,139	0	0	1,829,139
AFE($):	0	0	0	0

Current Activity: L/D 5" D.P.

24 Hr Summary: CIRC HOLE CLEAN, SERVICE RIG. L/D D.P W/ AIR HOIST, TILL L/D MACHINE ARRIVES. @ 22:30 RIG UP L/D MACHINE, L/D D.P.

24 Hr Forecast: COMPLETE L/D D.P., RUN 5 1/2" CSG. T0 15,024' CMT. CSG.

MUD PROPERTIES

Fluids Co.:
Fluids Eng: Joe Crites

Time:	2:35	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	15,027.03	MBT:	
Density (ppg):	9.20	pH:	8.5
FV (s/qt):	27	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	96,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.40
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$4,333.26
C M Cost($):	$72,164.78

Mud Additives	Used
TAXES	1
CAUSTIC SODA	1
WRAPS	3
ENGINEERING	1
BARITE	38
OPTIZAN	15
VISMATER	2

BIT RECORD

Bit#		#6
S/N		7134232
Size (in)		8.75
Mfg		HUGHES
IADC Type		
Model #		Q408FX
Jets		4X12, 4X14
Depth In (ft)		11,480
Depth Out (ft)		
Bit Rotations		/
On Btm Hrs Cum		
Footage Cum (ft)		
ROP Cum		28.2
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		1.13
HSI		1.08
PSI Drop (psi)		213.00
Jet Vel (ft/s)		160.86
Imp Force		401.00

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # #6								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
9.63	5,315.41 / 5,315.41	12.04
5.50	15,021.03 / 7,220.01	10.81

INVENTORY

Item	Inv
DIESEL	4,838

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: 0 @ (%)	BG Gas: 188 (%)	Surf to Surf:
Conn Gas: 401 @ 401 (%)		Lag Strokes:
Form:	Pore Pressure: (%)	Lag Time: (min)

BHA # #6

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC Q408FX		8.750	1.00	1.00
1	1.5 MUD MTR		6.625	26.71	27.71
1	FLOAT-SUB		6.187	2.30	30.01
1	PONY COLLAR	2.812	6.250	10.30	40.31
1	UBHO SUB		6.250	3.63	43.94
1	NMDC	2.812	6.250	30.13	74.07
1	FLEX NMDC	2.875	6.500	31.06	105.13
1	XO-SUB	2.312	6.187	1.96	107.09
96	96 JTS.DRILL PIPE	2.312	6.000	3,033.06	3,140.15
1	BACK OUT-SUB	2.312	6.000	3.18	3,143.33
1	VIBRATOR (DHV)	2.250	6.437	19.39	3,162.72
1	SHOCK SUB	2.500	6.375	12.46	3,175.18
183	183 JTS D.P.	2.312	6.000	5,781.76	8,956.94
30	30 JTS. HWDP	2.937	6.000	918.07	9,875.01
				Total Length:	9,875.01

STRING LOADS

On Btm Torque:	
Off Btm Torque:	
Str. Wt. Up:	280,000
Str. Wt. Down:	125,000
Str. Wt. Rot.:	190,000
Max Over Pull:	30,000

BHA PROPERTIES

BHA Hrs:	
Jar Hrs:	
Cum String Hours:	151
Weight B Jars (kip):	

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 523 SPP (psi): 2,800

AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
13,761	89.90	180.10	7,311	-6,763.30	-106.59	-6,763.30	0.38
13,856	90.40	180.20	7,310	-6,858.30	-106.84	-6,858.30	0.54
14,522	90.60	179.20	7,303	-7,524.21	-108.96	-7,524.21	0.52
14,615	90.80	178.50	7,302	-7,617.19	-107.10	-7,617.19	0.78
14,708	90.60	178.00	7,301	-7,710.14	-104.26	-7,710.14	0.58
14,804	90.40	177.40	7,300	-7,806.06	-100.40	-7,806.06	0.66
14,900	90.60	176.80	7,299	-7,901.93	-95.55	-7,901.93	0.66
14,968	90.50	176.00	7,298	-7,969.79	-91.28	-7,969.79	1.19

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	P	DRLPRD	15	CIRC	ROTATE AND CIRCULATE CLEAN UP CYCLE TO INSURE GOOD HOLE CLEANING PRIOR TO POOH FOR CASING
08:00	12:30	4.50	P	DRLPRD	13	TRIP	POOH F/ 15,024' - 6,970'
12:30	13:00	0.50	P	DRLPRD	12	RIGSVC	RIG SERVICE
13:00	15:30	2.50	P	DRLPRD	13	TRIP	POOH LAYING DOWN DRILL PIPE W/ LAYDOWN LINE
15:30	16:30	1.00	P	DRLPRD	42	OTHER	RIG UP EXPRESS LAYDOWN TRUCK, INSPECT LINES, PJSM, 104* HYDRATE PERSONAL
16:30	18:00	1.50	P	DRLPRD	14	PULDSTR	CONT. L/D 5" D.P. W/ AIR HOIST
18:00	22:30	4.50	P	DRLPRD	14	PULDSTR	S/M W/ EXPRESS L/D MACHINE CREW
22:30	00:00	1.50	P	DRLPRD	14	PULDSTR	S/M W/ DIR. DRLG., MWD., L/D DIR. TOOLS & CLEAR FLOOR
00:00	00:30	0.50	P	DRLPRD	14	PULDSTR	REMOVE L/D POLE & PREPAIR TO L/D D.P.
00:30	06:00	5.50	P	DRLPRD	14	PULDSTR	M/U BIT, BIT SUB, X-O, TIH W/ HWDP, & 75 STDS OF 5" D.P.

Daily Operations Comments

DAILY SLIDE HRS. 0

CUM. SLIDE HRS. 59.5 LATERAL LENGTH F/85 DEG. 7,509'

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: K.GREEN / R. SMITH
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 033
Report Date: 05/29/2011
Spud Date: 05/01/2011
Release Date:
DFS: 27.75 DOL: 33 AFE Days:
Last BOP T.: 05/03/2011
Safety & Environmental Incident: No

Depth md/tvd (ft): 15,024.03 / 7,297.75
Progress (ft): 0.00
ROP: 0.0 / = 0.00
Proposed TD (ft): 15,022.00
Next Csg Point: 15,021.03

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,725.01
Ground Level (ft): 2,703.0
POB: 23 Total Man Hours: 267.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	21,948	0	0	21,948
Cum Cost($)	1,851,087	0	0	1,851,087
AFE($):	0	0	0	0

Current Activity: RUNNING 5 1/2" P-110 17# LTC PROD CSG. PRODUCTION CSG.

24 Hr Summary: P/U KELLY PUMP SLUG, TIH W/ PIPE IN DERRICK, W/ AIR HOIST,S/M W/ EXPRESS L/D CREW. P/U KELLY PUMP, SLUG, L/D D.P. PULL WEAR BUSHINGS RIG UP EXPRESS ENERGY CSG. CREW, L/D MACHINE, & TORQUE TURN, RUN 5 1/2" PRODUCTION CSG.

24 Hr Forecast: COMPLETE L/D D.P., RUN 5 1/2" CSG. T0 15,024' CMT. CSG.

MUD PROPERTIES

Fluids Co.:
Fluids Eng: Joe Crites

Time:	2:35	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	15,027.03	MBT:	
Density (ppg):	9.20	pH:	8.5
FV (s/qt):	27	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	96,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.40
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($): $0.00
C M Cost($): $72,164.78

Mud Additives	Used

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		4X12, 4X14
Depth In (ft)		
Depth Out (ft)		
Bit Rotations		
On Btm Hrs Cum		
Footage Cum (ft)		
ROP Cum		
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		
HSI		
PSI Drop (psi)		
Jet Vel (ft/s)		
Imp Force		

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit #								

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
	/		
9.63	5,315.41 /	5,315.41	12.04
5.50	15,021.03 /	7,220.01	10.81

INVENTORY

Item	Inv
DIESEL	4,108

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: @ (%)
Conn Gas: @ (%)
Form:
BG Gas: (%)
Pore Pressure: (%)
Surf to Surf:
Lag Strokes:
Lag Time: (min)

BHA # #6

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC Q408FX		8.750	1.00	1.00
1	1.5 MUD MTR		6.625	26.71	27.71
1	FLOAT-SUB		6.187	2.30	30.01
1	PONY COLLAR	2.812	6.250	10.30	40.31
1	UBHO SUB		6.250	3.63	43.94
1	NMDC	2.812	6.250	30.13	74.07
1	FLEX NMDC	2.875	6.500	31.06	105.13
1	XO-SUB	2.312	6.187	1.96	107.09
96	96 JTS.DRILL PIPE	2.312	6.000	3,033.06	3,140.15
1	BACK OUT-SUB	2.312	6.000	3.18	3,143.33
1	VIBRATOR (DHV)	2.250	6.437	19.39	3,162.72
1	SHOCK SUB	2.500	6.375	12.46	3,175.18
183	183 JTS D.P.	2.312	6.000	5,781.76	8,956.94
30	30 JTS. HWDP	2.937	6.000	918.07	9,875.01
				Total Length:	9,875.01

STRING LOADS

On Btm Torque:
Off Btm Torque:
Str. Wt. Up:
Str. Wt. Down:
Str. Wt. Rot.:
Max Over Pull:

BHA PROPERTIES

BHA Hrs:
Jar Hrs:
Cum String Hours:
Weight B Jars (kip):

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): SPP (psi):
AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
13,761	89.90	180.10	7,311	-6,763.30	-106.59	-6,763.30	0.38
13,856	90.40	180.20	7,310	-6,858.30	-106.84	-6,858.30	0.54
14,522	90.60	179.20	7,303	-7,524.21	-108.96	-7,524.21	0.52
14,615	90.80	178.50	7,302	-7,617.19	-107.10	-7,617.19	0.78
14,708	90.60	178.00	7,301	-7,710.14	-104.26	-7,710.14	0.58
14,804	90.40	177.40	7,300	-7,806.06	-100.40	-7,806.06	0.66
14,900	90.60	176.80	7,299	-7,901.93	-95.55	-7,901.93	0.66
14,968	90.50	176.00	7,298	-7,969.79	-91.28	-7,969.79	1.19

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	DRLPRD	13	TRIP	CONTINUE TRIP IN HOLE WITH DRILL PIPE
06:30	07:00	0.50	P	DRLPRD	42	OTHER	RIG LAY DOWN POLE AND HAVE PJSM WITH ALL PERSONAL ON LOCATION PRIOR TO LAY DOWN PIPE
07:00	12:00	5.00	P	DRLPRD	13	TRIP	LAY DOWN 5" DRILL PIPE AS PLANNED
12:00	12:30	0.50	P	DRLPRD	15	CIRC	MIX AND PUMP SLUG
12:30	15:30	3.00	P	DRLPRD	13	TRIP	LAY DOWN 5" D.P. FUNCTION B.O.P
15:30	16:00	0.50	P	DRLPRD	42	OTHER	PULL WEAR BUSHING, LAYDOWN BIT AND SUB
16:00	18:30	2.50	P	CASPRD1	42	OTHER	PJSM WITH CASING CREW, LAY DOWN OPERATOR, TORQUE TURN AND RIG PERSONAL PRIOR TO RIGH AND START CASING OPERATION. TRRC CONTACTED @ 11:30 AM (JLA) RIG UP SAME.
18:30	06:00	11.50	P	CASPRD1	24	RUNCAS	BEGAN RUNNING 5 1/2" P-110 17# LTC PROD. CSG.

Daily Operations Comments
LATERAL LENGTH F/85 DEG. 7,509' TRRC OPERATOR JLA 5-28-11 @ 11:30

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.:	UNIVERSITY 11-18 NO. 1H/OH
Country:	USA
State/OCSG	TEXAS
Field/Permit#:	WOLFCAMP CENTRAL
Supervisors:	K.GREEN / R. SMITH
Engineer/Manager:	PRINCE KWARTENG / BILL WHITE

Report Number:	034
Report Date:	05/30/2011
Spud Date:	05/01/2011
Release Date:	
DFS: 28.75	DOL: 34 AFE Days:
Last BOP T.:	05/03/2011
Safety & Environmental Incident:	No

Depth md/tvd (ft):	15,024.03 / 7,297.75
Progress (ft):	0.00
ROP:	0.0 / = 0.00
Proposed TD (ft):	15,022.00
Next Csg Point:	15,021.03

Rig:	PRECISION/93
Rig Phone:	713-445-9599
RKB (ft):	2,725.01
Ground Level (ft):	2,703.0
POB:	26
Total Man Hours:	252.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	79,432	0	0	79,432
Cum Cost($)	1,930,519	0	0	1,930,519
AFE($):	0	0	0	0

Current Activity: UNLOADING CMT TO BULK TANKS.

24 Hr Summary: COMPLETED RUNNING 5 1/2" CSG.CLOSED ANNULAR CIRC. W/ RIG PUMP SHEARED DISC W/ 2200 PSI., CIRC. SURFACE TO SURFACE THRU GAS BUSTER. CIRC. WHILE WAITING ON HALLIBURTON CMT & CREW.

24 Hr Forecast: COMPLETE L/D D.P., RUN 5 1/2" CSG. T0 15,024' CMT. CSG.

MUD PROPERTIES

Fluids Co.:
Fluids Eng: Joe Crites

Time:	2:35	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	15,027.03	MBT:	
Density (ppg):	9.20	pH:	8.5
FV (s/qt):	27	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	96,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.40
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($):	$0.00
C M Cost($):	$72,164.78

Mud Additives	Used

BIT RECORD

Bit#		#6
S/N		7134232
Size (in)		8.75
Mfg		HUGHES
IADC Type		
Model #		Q408FX
Jets		4X12, 4X14
Depth In (ft)		11,480
Depth Out (ft)		
Bit Rotations		/
On Btm Hrs Cum		
Footage Cum (ft)		
ROP Cum		28.2
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		0.09
HSI		0.09
PSI Drop (psi)		39.77
Jet Vel (ft/s)		69.51
Imp Force		74.88

Grading	I	O	D	L	B	G	O	R
Bit #								
Bit # #6								

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
9.63	5,315.41 / 5,315.41	12.04
5.50	15,021.03 / 7,220.01	10.81

INVENTORY

Item	Inv
DIESEL	3,515

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas:	@ (%)	BG Gas:	(%)	Surf to Surf:	
Conn Gas:	@ (%)			Lag Strokes:	
Form:		Pore Pressure:	(%)	Lag Time:	(min)

BHA # #6

Qty	Item Description	ID (in)	OD (in)	Len (ft)	Cum (ft)
1	PDC Q408FX		8.750	1.00	1.00
1	1.5 MUD MTR		6.625	26.71	27.71
1	FLOAT-SUB		6.187	2.30	30.01
1	PONY COLLAR	2.812	6.250	10.30	40.31
1	UBHO SUB		6.250	3.63	43.94
1	NMDC	2.812	6.250	30.13	74.07
1	FLEX NMDC	2.875	6.500	31.06	105.13
1	XO-SUB	2.312	6.187	1.96	107.09
96	96 JTS.DRILL PIPE	2.312	6.000	3,033.06	3,140.15
1	BACK OUT-SUB	2.312	6.000	3.18	3,143.33
1	VIBRATOR (DHV)	2.250	6.437	19.39	3,162.72
1	SHOCK SUB	2.500	6.375	12.46	3,175.18
183	183 JTS D.P.	2.312	6.000	5,781.76	8,956.94
30	30 JTS. HWDP	2.937	6.000	918.07	9,875.01
				Total Length:	9,875.01

STRING LOADS

On Btm Torque:
Off Btm Torque:
Str. Wt. Up:
Str. Wt. Down:
Str. Wt. Rot.:
Max Over Pull:

BHA PROPERTIES

BHA Hrs:
Jar Hrs:
Cum String Hours: 151
Weight B Jars (kip):

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): 226 SPP (psi):
AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
13,761	89.90	180.10	7,311	-6,763.30	-106.59	-6,763.30	0.38
13,856	90.40	180.20	7,310	-6,858.30	-106.84	-6,858.30	0.54
14,522	90.60	179.20	7,303	-7,524.21	-108.96	-7,524.21	0.52
14,615	90.80	178.50	7,302	-7,617.19	-107.10	-7,617.19	0.78
14,708	90.60	178.00	7,301	-7,710.14	-104.26	-7,710.14	0.58
14,804	90.40	177.40	7,300	-7,806.06	-100.40	-7,806.06	0.66
14,900	90.60	176.80	7,299	-7,901.93	-95.55	-7,901.93	0.66
14,968	90.50	176.00	7,298	-7,969.79	-91.28	-7,969.79	1.19

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:00	3.00	P	CASPRD1	24	RUNCAS	COMPLETE RUNNING 5 1/2" CSG.R/D EXPRESS L/D MACHINE AND CSG. EQUIP.
09:00	14:30	5.50	P	CASPRD1	24	RUNCAS	S/M W/ RIG CREW, DAVIS LYNCH, & CO. REP. CLOSE ANNULAR, CIRC. W/ RIG PUMP AND SHEAR CIR. DISC W/ 2200 PSI. & CIRC. SURFACE TO SURFACE THRU GAS BUSTER. FUNCTION BOP'S
14:30	05:00	14.50	N	CASPRD1	65	WOEP	WAITING ON CMT & PERSONNEL
05:00	06:00	1.00	P	CASPRD1	65	WOEP	REST OF HALLI. CREW ARRIVED ARRIVED ON LOCATION, UNLOADED CMT. TO BULK TANKS.

Daily Operations Comments

LATERAL LENGTH F/85 DEG. 7,509' TRRC OPERATOR JLA 5-28-11 @ 11:30 HALLIBURTON ARRIVED @ 04:30

Daily Drilling Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH
Country: USA
State/OCSG: TEXAS
Field/Permit#: WOLFCAMP CENTRAL
Supervisors: K.GREEN / R. SMITH
Engineer/Manager: PRINCE KWARTENG / BILL WHITE

Report Number: 035
Report Date: 05/31/2011
Spud Date: 05/01/2011
Release Date:
DFS: 29.75 DOL: 35 AFE Days:
Last BOP T.: 05/03/2011
Safety & Environmental Incident: No

Depth md/tvd (ft): 15,024.03 / 7,297.75
Progress (ft): 0.00
ROP: 0.0 / = 0.00
Proposed TD (ft): 15,022.00
Next Csg Point: 15,021.03

Rig: PRECISION/93
Rig Phone: 713-445-9599
RKB (ft): 2,725.01
Ground Level (ft): 2,703.0
POB: 21 Total Man Hours: 200.00

	Drlg	Comp	Fac	Total
AFE #:	149880/42021			
Day Cost($):	416,808	0	0	416,808
Cum Cost($)	2,347,328	0	0	2,347,328
AFE($):	0	0	0	0

Current Activity: RIG DOWN TIE DOWN GETTING READY FOR MOVE

24 Hr Summary: SM W/ HALLI., RIG CREW., INST. WIPER PLUG, CIRC. CMT. HEAD W/ RIG PUMP. PUMP PLUG DOWN & SHEAR W/ 2800 PSI. & BREAK CIRC. TEST STEEL LINES W/ 6,000 PSI. MIX & PUMP CMT. R/U MONAHAN STACK L;IFT P/U BOP'S SET SLIPS MADE ROUGH CUT ON CSG. L/D STACK.

24 Hr Forecast: N/U TBG. HEAD, CLEAN MUD TANKS RELEASE RIG.

MUD PROPERTIES

Fluids Co.:
Fluids Eng: Joe Crites

Time:	2:35	Oil Cnt (%):	0
Location:	PIT	H2O Cnt (%):	94
Pit Temp:		Sand Cnt (%):	0.50
Depth (ft):	15,027.03	MBT:	
Density (ppg):	9.20	pH:	8.5
FV (s/qt):	27	Pm (cc):	0.4
PV (cp):	1	Pf (cc):/Mf (cc):	0.4 / 0.2
YP (lbf/100ft²):	2	Chloride (ppm):	96,000
Gels ():	1/2/	Calcium (ppm):	440.00
WL (cc/30min):	100.00	LCM (lbm/bbl):	0.0
HTHP:		ES (mV):	
Cake (32nd"):	0.00	LGS (%):	0.40
Solids (lbm/bbl):	0	Ex Lime (ppb):	
ECD (ppg):	9.2	OWR:	/

MUD MATERIALS

D M Cost($): $0.00
C M Cost($): $72,164.78

Mud Additives	Used

BIT RECORD

Bit#		
S/N		
Size (in)		
Mfg		
IADC Type		
Model #		
Jets		
Depth In (ft)		
Depth Out (ft)		
Bit Rotations		
On Btm Hrs Cum		
Footage Cum (ft)		
ROP Cum		
WOB mn/mx (kip)	/	/
RPM rot/bit	/	/
Bit HP		
HSI		
PSI Drop (psi)		
Jet Vel (ft/s)		
Imp Force		

Grading I O D L B G O R
Bit #
Bit #

CASING

Size(in)	MD(ft)/TVD(ft)		LOT(ppg)
	/		
9.63	5,315.41 /	5,315.41	12.04
5.50	15,021.03 /	7,220.01	10.81

INVENTORY

Item	Inv
DIESEL	3,065

SOLIDS CONTROL

Skr	Deck 1 Screens	Deck 2 Screens

MUD LOGGING

Trip Gas: @ (%) BG Gas: (%) Surf to Surf:
Conn Gas: @ (%) Lag Strokes:
Form: Pore Pressure: (%) Lag Time: (min)

MUD PUMPS

	#1	#2	#3
Pump Type:			
Liner ID:			
SPM:			
GPM:			
SPR:			
1 SPM:			
Pressure:			
2 SPM:			
Pressure:			

T GPM (gpm): SPP (psi):
AV (DC): 348 AV (DP): 231

SURVEYS

MD (ft)	Inclination(°)	Azimuth (°)	TVD (ft)	V Section (ft)	+E/-W (ft)	+N/-S (ft)	Dog Leg (°/100ft)
13,761	89.90	180.10	7,311	-6,763.30	-106.59	-6,763.30	0.38
13,856	90.40	180.20	7,310	-6,858.30	-106.84	-6,858.30	0.54
14,522	90.60	179.20	7,303	-7,524.21	-108.96	-7,524.21	0.52
14,615	90.80	178.50	7,302	-7,617.19	-107.10	-7,617.19	0.78
14,708	90.60	178.00	7,301	-7,710.14	-104.26	-7,710.14	0.58
14,804	90.40	177.40	7,300	-7,806.06	-100.40	-7,806.06	0.66
14,900	90.60	176.80	7,299	-7,901.93	-95.55	-7,901.93	0.66
14,968	90.50	176.00	7,298	-7,969.79	-91.28	-7,969.79	1.19

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	CASPRD1	15	CIRC	CIRCULATING AND CONDUCT PJSM WITH ALL PERSONAL ON LOCATION PRIOR TO CMT OP'S
06:30	08:00	1.50	P	CASPRD1	15	CIRC	INSTALL DAVIS LYNCH PLUG AND PUMP DOWN TO SHEAR @ 2800#, CONTINUE TO CIRCULATE TO INSURE GOOD CIRCULATION IS ESTABLISHED
08:00	13:00	5.00	P	CASPRD1	25	PRIMCEM	S/M W/HALCO & RIG CREW SWAP 2" LINES TO HALCO LOAD BTM PLUG PUMP 5 BBLS SPACER,TEST LINES TO 6000 PSI DROP BTM PLUG PUMP 50 BBLS SPACER@11.0 PPG 195 SKS OF ECONOCEM-HLH LEAD 12.4 PPG YIELD 2.03,1175 SKS TAIL SOLUCEM-H 15.0 PPG YIELD 2.61DROP TOP PLUG DISPLACE W/347 BBLS CLAYFIX-3 BUMP PLUG W/1500 PSI 500 PSI OVER HOLD FOR 2 MINUTES, 2 BBLS BLEED BACK, FLOAT HELD
13:00	14:30	1.50	P	CASPRD1	29	NDBOPE	NIPPLE DOWN FLOW LINE, TURN BUCKLES BREAKING STACK BOLTS.
14:30	16:00	1.50	P	CASPRD1	29	NDBOPE	PJSM WITH CREWS, RIG UP STACK LIFT, BREAK FLANGES PICK UP BOP
16:00	17:00	1.00	P	CASPRD1	29	NDBOPE	SET CSG. SLIPS, STK. (WT. 120,000) MAKE ROUGH CUT ON 5 1/2" CSG. SET STACK BACK DOWN.
17:00	18:00	1.00	P	CASPRD1	29	NDBOPE	SET DOWN BOP'S R/D STACK LIFT, DISCONNECT HYD. LINES.
18:00	20:00	2.00	P	CASPRD1	29	NDBOPE	REMOVE V-DOOR & BELL NIPPLE AND NIPPLE DOWN BOP ASSY.
20:00	00:00	4.00	P	CASPRD1	29	NDBOPE	REMOVE SPACER SPOOLMAKE FINAL CUT ON CSG. & DRESS OUT SAME, INST. C-SECTION TEST @ 5,000 PSI. OK. CLEAN MUD TANKS. RELEASE RIG. 5-31-2011

Daily Operations Comments
LATERAL LENGTH F/85 DEG. 7,509'

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: MIKE SHIELD
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 1
Report Date: 06/09/2011
Spud Date: 05/01/2011
Release Date:
DOE: 0 DOL: 1 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 11 Manhours: 152.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	23,020	0	23,020
Cum Cost($)	0	23,020	0	23,020
AFE($):	0	0	0	0

Current Activity: PREPARING TO TIH WITH 4 3/4" TRI-CONE BIT
24 Hr Summary: MOVED IN NABORS W/O RIG. R/U SAME. OFF LOADED PIPE TO RACKS, TESTED B.O.P
24 Hr Forecast: MOVE IN AND R/U W/O RIG, OFF LOAD PIPE, TEST BOP'S

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	MIRU	28	SFTYMTG	HOLD SSAFETY AND JSA WITH ALL PERSONNEL, DISCUSS BACKING IN VEHICLES, AND R/U SAFETY
06:30	09:00	2.50	P	MIRU	01	MIRU	MOVE IN NABORS W/O RIG, SPOT ALL EQUIPT AND R/U SAME CHECK WELL FOR PRESSURE, 0 PSI
09:00	11:00	2.00	P	MIRU	01	MIRU	OFF LOAD 15,000' OF 2 7/8" PH-6 WORK STRING TO PIPE RACKS AND TALLY TOP LAYER
11:00	15:00	4.00	P	MIRU	01	MIRU	FINISH R/U ALL RIG AND EQUIPT, M/I GREENS TO TEST BOP INSTALL TEST PLUG
15:00	17:00	2.00	P	MIRU	01	MIRU	PRIME UP TEST PUMP, TEST PIPE RAM AND BLIND RAM, AND MANIFOLD 250 LOW AND 5,000 PSI HIGH. HOLD EACH FOR 5 MIN AND CHART EACH TEST. BLIND'S WERE LEAKING A LITTLE. OPENED RAMS, GREASED RAM BLOCKS AND CHECKED SEALS. RE-TEST AND HELD GOOD. R/D GREENS AND RELEASE.
17:00	19:00	2.00	P	MIRU	01	MIRU	R/U TONGS, SLIPS, AND STRIPPER HEAD. WE ARE READY TO START P/U PIPE IN AM. CLOSE CSG VALVE, SHUT AND LOCK BLIND RAMS. S.D.F.N.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
125	RIG - DAYRATE	7,810
151	DRILLSTRING/WORKSTRING RENTALS	1,685
157	SAFETY/MEDICAL	940
201	LAND TRANSPORTATION	6,947
212	SUPERVISION-CONTRACT	1,300
241	OTHER CONTRACT LABOR	1,004
242	BOP/WELLHEAD TESTING	3,334

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: MIKE SHIELD
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 002
Report Date: 06/10/2011
Spud Date: 05/01/2011
Release Date:
DOE: 1 DOL: 2 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 9 Manhours: 128.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	26,552	0	26,552
Cum Cost($)	0	49,572	0	49,572
AFE($):	0	0	0	0

Current Activity: WAITING ON DAYLIGHT
24 Hr Summary: P/U BHA, TIH WITH 4 3/4" BIT, CIRC OUT AT KOP, CONT IN HOLE TO F.C, CIRC AND SECURE WELL FOR NIGHT
24 Hr Forecast: P/U BHA, RIH WITH DIT AND WORK STRING, TAG FLOAT COLLAR AND CIRC .

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WBP	28	SFTYMTG	HOLD JSA AND SAFETY MEETING WITH RIG CREW, DISCUSS TIH AND RIG SAFETY
06:30	07:30	1.00	P	WBP	24	PULD	M/U BHA, 4 3/4" TRI-CONE BIT, FLOAT SUBS
07:30	12:00	4.50	P	WBP	24	PULD	FILL CSG WITH 1.5 BBLS, START TIH PICKING UP WORK STRING OFF PIPE RACKS. TIH TO 7510' DPM.
12:00	13:30	1.50	P	WBP	06	CIRC	CIRC WELL OUT AT KOP WITH 160 BBLS BRINE WITH BIO-CIDE . REPAIR RIG WINCH LINE WHILE CIRCULATING.
13:30	16:00	2.50	P	WBP	39	TRIP	CONT TIH FROM 7500' TO 12,400' P.M. P/U WT WAS 60,000 AND S/O WT IS 42,000#.
16:00	17:30	1.50	P	WBP	06	CIRC	CIRC WELL WELL, LEAVE LATERAL FULL OF SLICK WATER TO REDUCE FRICTION. PUMPED 180 BBLS @ 4BPM, 2350 PSI.
17:30	19:30	2.00	P	WBP	39	TRIP	CONT TIH , TALLY AND DRIFT ON WAY IN. TAG FLOAT COLLAR 13' IN ON JOINT # 484. 14,945' PM. CHECK P/U AND SLACK OFF, 76,00 P/U AND 30,000 S/O.
19:30	20:00	0.50	P	WBP	06	CIRC	R/U CIRC HOSE WITH TIW VALVE, B/C, FROM 14,945'. S/D PUMP. R/O CIRC HOSE, POOH WITH TAG JOINT AND PULL ONE MORE SINGLE AND PUT ON RACK. P/U WT WAS 74,000 AND S/O WAS 32,000. CLOSE AND LOCK PIPE RAMS, CLOSE TIW, CLOSE CSG VALVE . WELL IS SECURE. S.D.F.N. NABORS CREW WILL ARRIVE @ 0730 HRS IN AM.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	7,320
125	RIG - DAYRATE	6,232
141	MUD & CHEMICALS	2,150
151	DRILLSTRING/WORKSTRING RENTALS	1,685
157	SAFETY/MEDICAL	940
212	SUPERVISION-CONTRACT	1,300
242	BOP/WELLHEAD TESTING	2,425
262	PURCHASED SUPPLIES	4,500

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: MIKE SHIELD / GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 003
Report Date: 06/11/2011
Spud Date: 05/01/2011
Release Date:
DOE: 2 DOL: 3 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 20 Manhours: 248.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	29,212	0	29,212
Cum Cost($)	0	78,784	0	78,784
AFE($):	0	0	0	0

Current Activity: LAYING DN TBG
24 Hr Summary: POOH WITH BIT, PICK UP TCP ASSY AND RIH, PERF STAGE 1
24 Hr Forecast: CIRC WELL WASH, GEL SWEEP, POOH STANDING TBG IN DEREK, M/U AND P/U TCP ASSY AND START IN HOLE WITH SAME

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:30	1.50	P	WBP	42	WOEP	WAITING ON RIG CREW TO ARRIVE, WORKED THEM LATE YESTERDAY, HAVE TO HAVE THERE 8 HRS OFF
07:30	08:00	0.50	P	WBP	28	SFTYMTG	HOLD SAFETY AND JSA ON PUMPING OP'S AND TONG SAFETY
08:00	09:30	1.50	P	WBP	06	CIRC	CHECK CSG, 0 PSI. TAG BOTTOM AGAIN @ 14,945' PM. CIRC 20 BBL'S GEL, 50 BBLS WELL WASH AND FOLLOW WITH 20 BBLS GEL, CIRC AROUND WITH 400 BBLS @ 4BPM & 1950 PSI. RETURNS WERE CLEAN. SPOTTED FRICTION REDUCER AND BEADS IN LATERAL TO SLICK IT UP FOR TCP RUN
09:30	10:00	0.50	P	WBP	39	TRIP	REMOVE CIRC HOSE, GET READY TO POOH
10:00	17:00	7.00	P	WBP	39	TRIP	START POOH WITH WORK STRING AND BIT, WT OFF BOTTOM IS 74,000#, WILL RACK BACK IN DEREK
17:00	19:00	2.00	P	WBP	36	SFEQ	OOH, REMOVE BIT AND STORE IN OFFICE, SPOT GREENS TESTING TRUCK, INSTALL TEST PLUG AND RUN IN HOLD DOWN PINS. APPLY 400 PSI ON TOP OF PLUG THEN TEST CSG TO 8,000 PSI FOR 5 MIN AND CHART TEST.
19:00	20:30	1.50	P	WBP	21	PERF	R/D GREENS, START P/U EXPRESS TCP ASSY.
20:30	03:00	6.50	P	WBP	21	PERF	TIH WITH TCP ASSY, TAKE DISP TO O.T.T.
03:00	04:30	1.50	P	WBP	21	PERF	TAG FLOAT COLLAR @ 14,945' PULL UP AND LD 3 JTS, SPACE OUT TO PREF @ 14850' TO 14642' (STAGE 1) SEE PREF REPORT, PRESSURE UP CASING TO 500PSI CK LINES, CONTINUE PRESSURE CASING TO 2500PSI TCP GUNS FIRED, CONTINUE TO PUMP 2.5BPM AT 3000PSI TOTAL PUMP 20.9BBLS. LEAK OFF TEST 1MIN 2513PSI, 3MIN 2200PSI, 5MIN 2062PSI, 10MIN 1954PSI, BLED OFF PRESSURE RECOVER 1BBL BACK.
04:30	06:00	1.50	P	WBP	24	PULD	POOH AND LAYING DN 2 7/8 TBG

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
125	RIG - DAYRATE	8,060
131	FUEL	3,300
141	MUD & CHEMICALS	2,150
151	DRILLSTRING/WORKSTRING RENTALS	1,685
155	OFFICE, SEWAGE AND MISC. RENTALS	1,125
156	MONITORING EQUIPMENT	5,828
157	SAFETY/MEDICAL	940
212	SUPERVISION-CONTRACT	2,600
241	OTHER CONTRACT LABOR	486
241	OTHER CONTRACT LABOR	1,413
242	BOP/WELLHEAD TESTING	1,000

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: MIKE SHIELD / GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 004
Report Date: 06/12/2011
Spud Date: 05/01/2011
Release Date:
DOE: 3 DOL: 4 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 20 Manhours: 230.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	62,899	0	62,899
Cum Cost($)	0	141,683	0	141,683
AFE($):	0	0	0	0

Current Activity:
24 Hr Summary:
24 Hr Forecast: FINISH POOH LAYING DOWN, R/D AND MOVE OFF LOCATION

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	PRDHEQ	28	SFTYMTG	SAFTEY AND JSA ON TONG SAFETY AND L/D WORK STRING
06:30	13:00	6.50	P	PRDHEQ	39	TRIP	CONT POOH LAYING DOWN WORK STRING, KEEP HOLE FULL ON WAY OUT. OUT OF HOLE
13:00	18:00	5.00	P	RDMO	02	RDMO	OOH, LOAD OUT WORK STRING AND HAND TOOLS, R/D AND MOVE OUT ALL NABORS EQUIPT, SAND KING'S AND "T" BELT BEING SPOTTED WHILE R/D. INSTALL TEST PLUG, N/D RIG BOP, N/U 7 1/16" MANUAL AND HYD FRAC VALVE, TEST TO 8,000 PSI AND CHART. SET ROAD CROSSING, TEST WATER TRANSFER LINES, REPAIRED A COUPLE LEAKS. LOOKS LIKE IT WILL BE ALRIGHT
18:00	19:00	1.00	P	RDMO	02	RDMO	L/D DEREK AND MOVE RIG TO SIDE OF LOCATION, R/U CLOSING UNIT, CLOSE HYD AND MANUAL FRAC VALVE'S, CLOSE CSG VALVE . WELL IS SECURE, MOVE RIG BEAM AND REPLACE CELLAR COVER NABORS WILL MOVE RIG ON MONDAY, . ALL RENTAL EQUIPT RETURNED. S.D.F.N.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
125	RIG - DAYRATE	8,060
141	MUD & CHEMICALS	13,325
151	DRILLSTRING/WORKSTRING RENTALS	1,685
154	WELL CONTROL RENTALS	6,507
155	OFFICE, SEWAGE AND MISC. RENTALS	625
156	MONITORING EQUIPMENT	5,828
157	SAFETY/MEDICAL	940
192	PERFORATING	12,704
201	LAND TRANSPORTATION	6,100
212	SUPERVISION-CONTRACT	2,600
242	BOP/WELLHEAD TESTING	3,900

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments
6/12/11	PERFORATE	14,642.00	14,850.00	6.00			

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / SLADE SEARS
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 005
Report Date: 06/14/2011
Spud Date: 05/01/2011
Release Date:
DOE: 5 DOL: 5 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:
HEAT STRESS & PINCH PTS
Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 12 Manhours: 77.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	5,190	0	5,190
Cum Cost($)	0	146,873	0	146,873
AFE($):	0	0	0	0

Current Activity: PREPING FOR FRAC
24 Hr Summary: MI & UNLOADED FRAC SAND INTO SAND KINGS. FINISHED WORKING ON WTR TRANSFER LINES.
24 Hr Forecast: WAITING ON FRAC EQUIPMENT & FRAC TANKS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
07:30	08:00	0.50	P	SITEPRE	28	SFTY	HSM & JSEA REVIEW ON TRUCKS UNLOADED SAND INTO SAND KINGS
08:00	13:30	5.50	P	SITEPRE	01	MIRU	MI SAND TRUCKS & UNLOAD FRAC SAND INTO SAND KINGS, FINISH RU WTR LINES TO FRAC TANKS. SDFN
13:30	16:30	3.00	P	SITEPRE	18	OTHR	WET ROAD DN & LOC W/ WTR TRUCK

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
133	WATER	400
155	OFFICE, SEWAGE AND MISC. RENTALS	625
157	SAFETY/MEDICAL	940
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / SLADE SEARS
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 006
Report Date: 06/15/2011
Spud Date: 05/01/2011
Release Date:
DOE: 6 DOL: 6 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 50 Manhours: 507.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,385	0	6,385
Cum Cost($)	0	153,258	0	153,258
AFE($):	0	0	0	0

Current Activity: CONT. RU FOR WL/FRAC.
24 Hr Summary: HELD SAFETY MEETING FOR MANLIFT & FORKLIFT. FILLED WATER TANKS. MIRU SUPERIOR FRAC CREW
24 Hr Forecast: RU WIRELINE, LUBRICATION, CRANE. NU WELLHEAD & MANIFOLD.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
07:00	07:30	0.50	P	SITEPRE	28	SFTYMTG	HSM & REVIEWED JSA'S (OVERHEAD LOADS & TRIP HAZARDS)
07:30	09:30	2.00	P	MIRU	01	MIRU	MOVE IN & SPOT PROFESSIONAL WL & TNT CRANE
09:30	12:30	3.00	P	SITEPRE	18	OTHR	MOVE IN LILLY CONSTRUCTION. SPREAD ROCK ACROSS ROAD CROSSING & FILL IN HOLE ON LEASE ROAD.
12:30	18:00	5.50	P	SITEPRE	28	SFTYMTG	HELD ONSITE SAFETY MEETING FOR MANLIFT & FORKLIFT CERTIFICATIONS
18:00	18:30	0.50	P	MIRU	28	SFTYMTG	HELD SAFETY MEETING & REVIEWED JSA'S (SPOTTING TRUCKS & HEAT STRESS)
18:30	06:00	11.50	P	MIRU	01	MIRU	CONT. MIRU SUPERIOR FRAC. SPOTTING FRAC PUMPS, MANIFOLD AND SUPPORT EQUIPMENT. CONT. RU FRAC IRON, HOSES & CHEM. LINES.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
134	FRAC TANKS	700
134	FRAC TANKS	150
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
201	LAND TRANSPORTATION	270
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / SLADE SEARS/GLENN S.
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 007
Report Date: 06/16/2011
Spud Date: 05/01/2011
Release Date:
DOE: 7 DOL: 7 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:
HEAT STRESS & CRANE RIGGING
Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 52 Manhours: 651.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	42,864	0	42,864
Cum Cost($)	0	195,557	0	195,557
AFE($):	0	0	0	0

Current Activity: PRESSURE TESTING FRAC IRON. SETTING N2 POP-OFF & BACKSIDE POP-OFF
24 Hr Summary: CONTINUED RU FRAC EQUIPMENT, WL,CRANE ,NU FRAC STACK. PRIME & BEGIN TESTING FRAC LINES
24 Hr Forecast: FRAC & PERF STG. 1,2 & 3

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	MIRU	28	SFTYMTG	HSM & JSEA REVIEW. (RU EQUIP & HEAT STRESS)
06:30	18:00	11.50	P	MIRU	01	MIRU	CONTINUED MIRU FRAC EQUIPMENT, NU 7 1/16"FRAC STACK, W/ WL BOPS, FINISHED RU MANIFOLD & FLOWBACK LINES. NU CSG VALVES FOR FRAC & COVERED CELLAR. FINISHED FILLING TANKS.
18:00	18:30	0.50	P	MIRU	28	SFTYMTG	HSM & JSEA REVIEW. (PRIMIMG EQUIP, PRES TESTING, FRACING, HEAT STRESS
18:30	19:00	0.50	P	MIRU	56	SAND	FINISHED RU FRAC EQUIPMENT, PRIME EQUIPMENT, PERFORM BUCKET TEST, TEST LINES.
19:00	04:30	9.50	N	MIRU	01	MIRU	CONT. RU FRAC EQUIPMENT. WELDER WELDING UP CRACK IN GEL TANK. (HOT WORK PERMIT SIGNED)
04:30	06:00	1.50	N	MIRU	01	MIRU	BEGAN PRIMING UP PUMPS & BEGAN TRYING TO PRESSURE TEST.....

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	7,105
123	CAMP AND CATERING	900
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
133	WATER	200
134	FRAC TANKS	150
134	FRAC TANKS	700
154	WELL CONTROL RENTALS	16,446
154	WELL CONTROL RENTALS	3,314
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
192	PERFORATING	6,000
201	LAND TRANSPORTATION	1,080
212	SUPERVISION-CONTRACT	2,600
241	OTHER CONTRACT LABOR	1,639
262	PURCHASED SUPPLIES	65

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / SLADE SEARS/GLENN S.
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 008
Report Date: 06/17/2011
Spud Date: 05/01/2011
Release Date:
DOE: 8 DOL: 8 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:
HIGH PRESSURE IRON & HEAT STRESS
Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 56 Manhours: 708.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	259,689	0	259,689
Cum Cost($)	0	455,246	0	455,246
AFE($):	0	0	0	0

Current Activity: LOGGING OOH W/ WIRELINE.
24 Hr Summary: FINISH WELDING TIGE TANK, TEST BACKSIDE, PRES UP BACK SIDE TO 1500 PSI, FRAC STG 1, PERF STG. 2 & READY TO FRAC STG. 2
24 Hr Forecast: FRAC & PERF STG. 2 -4

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG01	28	SFTYMTG	HSM & JSEA REVIEW. (TEST LINES, STAY AWAY FROM LINES WHILE FRAC 'S PUMPING, HEAT STRESS)
06:30	09:30	3.00	P	STG01	56	SAND	FINISHED TESTING BACKSIDE. HAD SEVERAL LEAKS & BLENDER PROBLEMS
09:30	12:30	3.00	P	STG01	56	SAND	HSM FOR PREFRAC. RUN BUCKET TEST. COULD NOT KEEP BLENDER TUB PRIMED. * NOTE HAD SUPERIOR SSE EMPOYEE INJURE HIS HAND ABOUT 10:00 AM BUT DID NOT REPORT IT TILL 16:30 HRS. DOES NOT APPEAR TO BE SERIOUS. NO SWELLING OR CUTS. COUPLE NICKS ON SKIN.
12:30	13:30	1.00	P	STG01	56	SAND	OW BACKSIDE CSG (15 PSI) & STARTED PUMPING NEVER PRES UP. PUMPED A TOTAL OF 138 BBLS.
13:30	14:30	1.00	P	STG01	56	SAND	STARTED FRAC STG 1, HAD TO SHUT DN DUE TO VIS ON GEL & CHEM PUMP PROBLEMS.
14:30	16:30	2.00	N	STG01	56	SAND	WORKED ON GEL VIS & CHEM PUMPS
16:30	18:30	2.00	P	STG01	56	SAND	CONTINUED FRACING STG 1
18:30	19:00	0.50	P	STG01	28	SFTYMTG	HSM & JSEA REVIEW. (RU LUB, WL & HEAT STRESS)
19:00	22:45	3.75	N	STG02	21	PERF	RU LUB & WL. TEST LUB & RIH W/ STG 2 PLUG & GUNS. SET DN @ 7590'. LOST CCL. POOH W/ WL & GUNS. SAND & HVY GEL ON TOOL & LINE.
22:45	02:15	3.50	N	STG02	21	PERF	CONTACTED ENGINEER WHO SAID TO FLUSH WELL @ 3 BPM TO TOP PERF. PUMPED 330 BBLS @ AVE. PRESSURE OF 3,100 PSI. SD. READY TO PERF STG. 2
02:15	06:00	3.75	P	STG02	21	PERF	PERF STG. 2. EVERYTHING FIRED. CONT. TO LOG OOH.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
133	WATER	200
134	FRAC TANKS	150
134	FRAC TANKS	700
154	WELL CONTROL RENTALS	3,314
154	WELL CONTROL RENTALS	10,841
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
163	PLUGS AND PACKERS	4,300
192	PERFORATING	7,500
193	STIMULATION	197,460
201	LAND TRANSPORTATION	1,080
212	SUPERVISION-CONTRACT	2,600
241	OTHER CONTRACT LABOR	1,639
241	OTHER CONTRACT LABOR	1,240
266	WATER GATHERING LABOR	21,000

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / SLADE SEARS/GLENN S.
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 009
Report Date: 06/18/2011
Spud Date: 05/01/2011
Release Date:
DOE: 9 DOL: 9 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 56 Manhours: 708.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	259,689	0	259,689
Cum Cost($)	0	714,935	0	714,935
AFE($):	0	0	0	0

Current Activity:
24 Hr Summary:
24 Hr Forecast: FRAC & PERF STG. 2 -4

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
133	WATER	200
134	FRAC TANKS	700
134	FRAC TANKS	150
154	WELL CONTROL RENTALS	3,314
154	WELL CONTROL RENTALS	10,841
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
163	PLUGS AND PACKERS	4,300
192	PERFORATING	7,500
193	STIMULATION	197,460
201	LAND TRANSPORTATION	1,080
212	SUPERVISION-CONTRACT	2,600
241	OTHER CONTRACT LABOR	1,639
241	OTHER CONTRACT LABOR	1,240
266	WATER GATHERING LABOR	21,000

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / SLADE SEARS/GLENN S.
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 010
Report Date: 06/19/2011
Spud Date: 05/01/2011
Release Date:
DOE: 10 DOL: 10 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 74 Manhours: 912.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	241,302	0	241,302
Cum Cost($)	0	956,237	0	956,237
AFE($):	0	0	0	0

Current Activity: STUCK IN HOLE W/ WIRELINE @ 594'
24 Hr Summary: FRAC'D STG 2.
24 Hr Forecast: WORK TO FREE TOOL STG ON WL.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG02	28	SFTYMTG	HSM & JSEA REVIEW. FRAC PROCEDURES & HEAT STRESS
06:30	07:30	1.00	P	STG02	56	SAND	PRIME PUMPS, BUCKET TEST, FRAC STG 2
07:30	10:30	3.00	N	STG02	56	SAND	SUPERIOR HAD TO RE -GEL TIGE TANK. (7/7 VIS)
10:30	11:00	0.50	P	STG02	56	SAND	TESTED,PRES. UP & EQUAL.
11:00	13:30	2.50	P	STG02	56	SAND	OW @ 11:10, 2165 SICP ,FRAC STG 2
13:30	17:00	3.50	P	STG03	56	SAND	HSM, RU LUB & TEST, EQUAL, 2100 SICP, RIH W/ 5 1/2" FRAC PLUG & 3 1/8" GUNS, 580' CCL NOT WORKING, STARTED POOH PULLING TENSION. TRIED PUMPING & 1 BPM, KILLED PUMP AND TRIED POOH AGAIN AND COULD NOT MOVE @ 553'WLM. TRIED TO SURGE FRRE W/ TENSION PULLED.
17:00	18:00	1.00	N	WLWORK	55	PERFPROB	SI WL RAMS & BLED OFF LUB TO WORK TANK. MONITORED FOR 45 MINS. STATIC
18:00	18:30	0.50	N	STG03	28	SFTYMTG	HSM & JSEA REVIEW. (PROCEDURES ONPU LUB & CKING WL IN GREASE TUBES)
18:30	20:30	2.00	N	WLWORK	55	PERFPROB	CK PRES ON LUB & PU LUB & INSPECTED WL FOR HY STRANDING. GOOD RU LUB
20:30	21:00	0.50	N	WLWORK	44	WOD	WAITING ON ORDERS
21:00	00:30	3.50	N	WLWORK	55	PERFPROB	HSM, START WORKING W/ WL TRYING TO PUMP TOOL STG W/ CBP DN HOLE @ 0.5-4 BPM. NO CHANGE IN TENSION. PUMPED 43 BBLS. BEGAN SURGING WELL ON A 24/64" CK TO 48/64" CK. NO CHANGE IN TENSION. TRIED PULLING TENSION UP TO 1,500 PSI. NO CHANGE. RECOVERED 25 BBLS. CONTACTED BILL B. WHO SAID TO CONTINUE WORKING WL TILL MORNING.
00:30	06:00	5.50	N	WLWORK	55	PERFPROB	PUMPING 4.5 BPM, WE WERE ABLE TO MOVE TOOL STRING 26' FROM 553' (TOP SLIP ON PLUG-594') TO 579', THEN IT SAT DOWN UNABLE TO MOVE UP OR DOWN. BEGAN PUMPING AGAIN @ 0.5 BPM, TOOL STRING BEGAN TO MOVE AGAIN ANOTHER 15' DH TO 593' (TOP SLIP ON PLUG-635') THEN BECAME LODGED ON NEXT COLLAR UNABLE TO MOVE UP OR DOWN. (COLLARS FROM PIPE TALLEY ARE LOCATED @ 593' & 633'). PULLED TENSION TO 1,500 LBS. UNABLE TO MOVE. CONT. WORKING WL. PUMPED 92 BBLS/REC. 55 BBLS DURING OPERATION.

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
133	WATER	200
134	FRAC TANKS	700
134	FRAC TANKS	150
154	WELL CONTROL RENTALS	3,314
154	WELL CONTROL RENTALS	11,913
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
163	PLUGS AND PACKERS	1,800
192	PERFORATING	5,000
193	STIMULATION	197,460
212	SUPERVISION-CONTRACT	2,600
266	WATER GATHERING LABOR	10,500

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / SLADE SEARS/GLENN S.
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 011
Report Date: 06/20/2011
Spud Date: 05/01/2011
Release Date:
DOE: 11 DOL: 12 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 22 Manhours: 254.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	77,453	0	77,453
Cum Cost($)	0	811,631	0	811,631
AFE($):	0	0	0	0

Current Activity: MIRU ALICE CHALMBERS CTU TO FISH TOOLS STRING
24 Hr Summary: CUT WL OOH. MIRU SLICKLINE & FISHING TOOLS. FISHED KINLEY CUTTER OOH. IN PROCESS OF MIRU CTU TO FISH TOOL STRING OOH
24 Hr Forecast: FISH TOOL STRING OOH. IF NECESSARY, DRILL OUT CFP IF IT SHEARS OF TOOL STRING. THEN MIRU WL TO PROCEED W/ STG. 3 WL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WLWORK	28	SFTYMTG	HSM & JSEA REVIEW. (HEAT STRESS & COMMUNICATION
06:30	22:00	15.50	N	WLWORK			KINLEY CUTTER CUT WL CLEAN @ FISHING NECK, RETRIEVED ALL WL OOH. KINLEY CUTTER STILL IN HOLE @ 593'. CALLED SLICKLINE UNIT TO FISH CUTTER.
22:00	05:00	7.00	N	MIRU	01	MIRU	MIRU WIRELINE INC, KNIGHT OIL TOOLS, & ASSC. EQUIP. TEST LUB. TO 8,000. GOOD TEST. RIH W/ 4 1/16" OVERSHOT W/ 1" PDC GRAPPLE. TAGGED TOOL @ 580' SL MEASUREMENT. PU, GAINED 25 LBS. POOH. RECOVERED KINLEY CUTTER WHOLE. (NOTE: GUN STRING & PLUG FELL DOWNHOLE WHILE FISHING KINLEY CUTTER. WENT DOWN TO 690' BEFORE POOH. RDMO WIRELINE INC.
05:00	06:00	1.00	N	MIRU	42	WOEP	CALLED ALICE CHALMBERS PERSONEL TO RU FOR FISHING JOB. WAITING ON ALICE CHALMBERS TO ARRIVE.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	15,300
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
133	WATER	200
133	WATER	7,000
134	FRAC TANKS	150
134	FRAC TANKS	750
153	FISHING TOOLS & SERVICES	8,745
153	FISHING TOOLS & SERVICES	11,560
153	FISHING TOOLS & SERVICES	7,688
154	WELL CONTROL RENTALS	3,314
154	WELL CONTROL RENTALS	10,841
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
192	PERFORATING	6,000
201	LAND TRANSPORTATION	640
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / SLADE SEARS/GLENN S.
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 012
Report Date: 06/21/2011
Spud Date: 05/01/2011
Release Date:
DOE: 12 DOL: 13 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 27 Manhours: 402.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	74,799	0	74,799
Cum Cost($)	0	886,430	0	886,430
AFE($):	0	0	0	0

Current Activity: AT 9,000 FT, PULLING OOH W/ GUN STRING & PLUG
24 Hr Summary: MIRU CTU MAKE 2 RUNS TO FISH TOOL STRING OOH. AT 9,000 FT, PULLING OOH W/ CT
24 Hr Forecast: GET TOOLS OOH. IF NECESSARY, GO IN W/ MOTOR & MILL TO DRILL/PUSH CFP TO BOTTOM & CIRC. HOLE CLEAN

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	CTU	28	SFTYMTG	HSM & JSEA REVIEW. (MANLIFT OPER, CRANE OPER., HEAT STRESS, CTU OPER, MU FISHING TOOLS)
06:30	13:30	7.00	P	CTU	18	OTHR	MIRU CTU, BROKE CIRC, TEST CT & LUB. PREJOB SM. EQUALIZED.
13:30	21:45	8.25	P	CTU	52	FISH	OW , SICP 1800. RIH W/ 2" CT, TAGGED UP ON FISH @ 11,829' CTM. LATCHED ONTO GUNS & CBP FISH, RECIP IN & OUT STACKING WT. POOH WITH CT. STARTED DRAGGING 10,000 TO 20,000 OVER FROM 10,650' TO 10,262'. CONTINUED POOH W/CT.
21:45	23:00	1.25	P	CTU	18	OTHR	OOH W/ CT. SIW. UNFLANGED. DID NOT FISH GUNS OR PLUG OOH. CONTACTED OFFICE, SAID TO GO BACK IN HOLE W/ 2 3/8" GRAPPLE W/ EXTENTION.
23:00	06:00	7.00	P	CTU	52	FISH	HSM. RU CT BACK ONTO WELL TO RIH. TEST LUB TO 8,000 PSI. OW & RIH. TAGGED FISH @ 10,290' CTU. PUSHED TOOL STRING TO 11,304' CTU & STACKED OUT. RECIP IN & OUT STACKING WEIGHT 10-15 TIMES. BEGAN POOH. (RUN OOH WEIGHT 23,000 LBS, DRAGGING AT 35,000 LBS.) CONT. TO POOH @ 9,200 FT. GAINED 300 PSI CIRC. PRESSURE. DRAGGING UP TO 35,000 LBS.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	9,300
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
126	COILED TUBING UNIT	35,000
133	WATER	200
133	WATER	7,000
134	FRAC TANKS	750
134	FRAC TANKS	150
153	FISHING TOOLS & SERVICES	8,191
154	WELL CONTROL RENTALS	2,475
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
192	PERFORATING	6,000
201	LAND TRANSPORTATION	468
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / SLADE SEARS/GLENN S.
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 013
Report Date: 06/22/2011
Spud Date: 05/01/2011
Release Date:
DOE: 13 DOL: 14 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:
HEAT STRESS
Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 37 Manhours: 600.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	91,251	0	91,251
Cum Cost($)	0	981,858	0	981,858
AFE($):	0	0	0	0

Current Activity: RIGGING UP SUPERIOR FRAC TO TRY & PUMP TOOLSTRING DOWNHOLE TO PLUG @ 14,603
24 Hr Summary: CONTINUED TRYING TO FISH TOOL STRING W/ 2" COIL.
24 Hr Forecast: RU SUPERIOR FRAC & PUMP 445 BBLS FLUSH @ 15 BPM RATE TO TRY & PUMP TOOLSTRING TO PLUG @ 14,603'

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	CTU	28	SFTYMTG	HSM & JSEA REVIEW. (CRANE OH HOISTING, CT OPER, HEAT STRESS)
06:30	15:00	8.50	N	CTU	42	WOEP	EVAULATING OPTIONS ON FISHING TOOLS & CT
15:00	16:30	1.50	P	CTU	52	FISH	RU EXTRA LUB , PU 2 7/8"OD AGITATOR & ADD IN FISHING BHA. FISHING BHA 23.65'L , 3 7/8"OD OVERSHOT W/ 3 1/8" SPIRAL GRAPPLE. TEST LUB & EQUAL.
16:30	18:00	1.50	P	CTU	52	FISH	OW @ 16:30 ,RIH W/ CT & 3 7/8"OD W/ 3 1/8 GRAPPLE BHA.
18:00	18:30	0.50	P	CTU	28	SFTYMTG	HSM & JSEA REVIEW. (PUMP PRES, CTU OPER, HEAT STRESS)
18:30	21:30	3.00	P	CTU	52	FISH	CONT. RIH W/ CT. STACKED WEIGHT @ 11,480' CTM (FRICTION LOCKED). PICKED UP 100 FT. & TRIED TO MOVE DH. ABLE TO MOVE DH TO 11,432. CALLED OFFICE. THEY SAID POOH. STOPPED @ 6,500 FT (CTM), CHECKED WEIGHT & SECURED WELL DUE TO INCLIMATE WEATHER.
21:30	01:30	4.00	N	CTU	43	WOW	WAITING ON WEATHER.
01:30	02:45	1.25	P	CTU	52	FISH	CONT. POOH PUMPING 2 BPM OF PIPE ON PIPE & FR W/ MANIFOLD CLOSED. OOH @ 02:45. SECURED WELL & UNFLANGED LUB. NO FISH. PUMPED 63 BBLS PIPE ON PIPE/FR 2% KCL FLUID DOWN WELL WHILE PULLING OOH.
02:45	06:00	3.25	P	RDMO	02	RDMO	RDMO ALICE CHALMERS CTU & ASSC. EQUIPMENT. PREPARING SUPERIOR FRAC TO PUMP 445 BBLS FR/PIPE ON PIPE FLUSH TO TRY & MOVE TOOLSTRING DOWNHOLE TO PLUG @ 14,603'

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	9,300
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
126	COILED TUBING UNIT	35,000
133	WATER	7,000
133	WATER	200
134	FRAC TANKS	750
134	FRAC TANKS	150
141	MUD & CHEMICALS	6,750
153	FISHING TOOLS & SERVICES	12,645
154	WELL CONTROL RENTALS	4,000
154	WELL CONTROL RENTALS	2,475
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
192	PERFORATING	6,000
201	LAND TRANSPORTATION	896
201	LAND TRANSPORTATION	820
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / DAVEY BLACK/GLENN S.
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 014
Report Date: 06/23/2011
Spud Date: 05/01/2011
Release Date:
DOE: 14 DOL: 15 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 35 Manhours: 596.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	61,115	0	61,115
Cum Cost($)	0	1,042,973	0	1,042,973
AFE($):	0	0	0	0

Current Activity: POOH/WIRE-LINE. RD WIRELINE AND LUB.PREPARE TO MI WOR.

24 Hr Summary: PUMPED A TOTAL OF 509 BBLS OF 10# LINEAR @ 5300 PSI AVG, MAX PRES 6800, TRIED PUMP DN ON DUMBY WL PLUG SET DN @ 8226'WLM, POOH, RU PUMPED ACID

24 Hr Forecast: RDMO WL & LUB, RD FRAC PUMPS TO CLEAR AREA FOR WOR. MIRU WOR & EQUIPMENT.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	RDMO	28	SFTYMTG	HSM & JSEA REVIEW. (RDMO CT, RU WL, CRANE OPER, HEAT STRESS)
06:30	08:00	1.50	P	RDMO	02	RDMO	CONTINUE RDMO CTU & BLOWING CT DRY
08:00	13:00	5.00	P	WBP	40	WASH	PRIME UP, TEST LINES, PUMPED A TOTAL OF 509 BBLS OF 10# LINEAR @ MAX RATE OF 15 BPM @ 5300 PSI AVG. MAX PRES 6800 PSI
13:00	15:30	2.50	P	MIRU	01	MIRU	MIRU WL & LUB, TEST LUB
15:30	17:00	1.50	N	WLWORK	18	OTHR	ND LUB TO FIX FLANGE LEAK AFTER TESTING TWICE TO 6000 PSI & NOT HOLDING
17:00	18:00	1.00	P	WLWORK	18	OTHR	TEST LUB & EQUALIZE, SICP 2200 ,OW & RIH W/ CCL , DUMBY PLUG, SET DN @ 8226' W/ WL PUMPING 14.7 BPM
18:00	18:30	0.50	P	WLWORK	28	SFTYMTG	HSM & JSEA REVIEW. (HEAT STRESS, RU LUB & TESTING,
18:30	22:30	4.00	P	WLWORK	18	OTHR	SUPERIOR WELL SER COULD NOT KEEP PUMPS LINE OUT, PUMPS UP & DN, HAD LINE LEAK ON MAIN FRAC LINE. POOH W/ WL.
22:30	01:30	3.00	P	RDMO	02	RDMO	RU PUMPED 50 BBLS OF ACID @ 15 BPM @ 3715 PSI. LET ACID SET FOR 30 MIN. PUMPED 50 BBLS KCL @ 5 BPM @ 3200 PSI. DID NOT SEE SIGNIFICANT BREAK AFTER PUMPING ACID.
01:30	06:00	4.50	P	WLWORK	18	OTHR	RU LUB AND TEST TO 8OOO PSI.RIH/CCL, WT BARS, AND GAUGE RING. SET DOWN @ 9380'. PICKED UP INTO VERTICAL. SBIH AGAIN. LOST TUB, AND PUMP. SET DOWN @ 7400'. REGAINED PUMP. COULD NOT GET TOOL MOVING AGAIN. SHUT DOWN PUMP. WORKED TOOLS FREE. POOH/WIRELINE.

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	9,300
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
126	COILED TUBING UNIT	26,225
133	WATER	200
134	FRAC TANKS	150
134	FRAC TANKS	750
141	MUD & CHEMICALS	6,750
154	WELL CONTROL RENTALS	2,475
154	WELL CONTROL RENTALS	4,000
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
192	PERFORATING	6,000
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / DAVEY BLACK/GLENN S.
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 015
Report Date: 06/24/2011
Spud Date: 05/01/2011
Release Date:
DOE: 15 DOL: 16 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:
HEAT STRESS
Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 49 Manhours: 916.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	32,579	0	32,579
Cum Cost($)	0	1,075,552	0	1,075,552
AFE($):	0	0	0	0

Current Activity: FRAC, E-LINE, CRANE, AND 10K LUB R U., WAITING ON KEY TO OPEN RADIO CONTAINER.
24 Hr Summary: RDMO FRAC EQUIPMENT, WL, CRANE, LUB & RELEASED CRANE , LUB & WL. MI WRK STG
24 Hr Forecast: MIRU WOR & EQUIPMENT.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	RDMO	28	SFTYMTG	HSM & JSEA REVIEW. (CRANE OH HOISTING, LIFTING)
06:30	10:00	3.50	P	RDMO	02	RDMO	RDMO WL, LUB, CRANE
10:00	18:00	8.00	N	RDMO	02	RDMO	RDMO FRAC EQUIPMENT MI & UNLOAD WRK STG OF TBG
18:00	18:30	0.50		RDMO	28	SFTYMTG	HSM & JSEA REVIEW. (RD FRAC EQUIPMENT, HEAT STRESS,TRUCK MOVEMENT, HAMMERS, LIFTING, OH HOISTING)
18:30	01:00	6.50	N	RDMO	02	RDMO	SUPERIOR PUMP SER CONTINUED RDMO FRAC EQUIPMENT
01:00	01:30	0.50	P	MIRU	28	SFTYMTG	HSM & JSEA REVIEW. (RU LUB , WL, & CRANE, OH HOISTING)
01:30	04:30	3.00	P	MIRU	01	MIRU	MIRU CRANE, 10K LUB W/ BOPS, WL. RU SUPERIOR PUMP TRUCKS
04:30	06:00	1.50		MIRU	18	OTHR	WAITING ON SUPERVISOR WITH SUPERIOR TO BRING KEY TO OPEN CONTAINER INSIDE FRAC VAN. CONTAINER HAS ALLOF SUPERIORS RADIOS.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	9,719
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
134	FRAC TANKS	150
134	FRAC TANKS	750
153	FISHING TOOLS & SERVICES	2,770
154	WELL CONTROL RENTALS	2,475
154	WELL CONTROL RENTALS	4,000
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
192	PERFORATING	6,000
201	LAND TRANSPORTATION	1,450
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / DAVEY BLACK
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 017
Report Date: 06/26/2011
Spud Date: 05/01/2011
Release Date:
DOE: 17 DOL: 18 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 53 Manhours: 931.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	39,376	0	39,376
Cum Cost($)	0	1,163,650	0	1,163,650
AFE($):	0	0	0	0

Current Activity: MIRU FRAC EQUIPMENT

24 Hr Summary: FINISH SPILL CLEANUP, MIRU PUMP DN EQUIPMENT, FINISHED WORKING ON BLENDER, PRIMED UP , TESTED LINES & LUB, RIH W/ 4.5"OD GR WL BHA, TAGGED FISH & PUMPED FISHED TO 14,449' WLM, PUMPED DN STG 3 WL POOH W/WL

24 Hr Forecast: FRAC STG 3

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STRECL	28	SFTYMTG	HSM & JSEA REVIEW. (CRANE OPER, WL OPER, PUMP OPER, HEAT STRESS)
06:30	08:00	1.50	N	STRECL	18	OTHR	FINISHED LOC CLEANUP FROM SPILL
08:00	15:30	7.50	P	WLWORK	18	OTHR	MIRU PUMP DN PUMPS & BLENDER (WORKED ON BLENDER)
15:30	16:30	1.00	P	WLWORK	18	OTHR	PRIME UP, TEST LINES & LUB
16:30	20:30	4.00	P	WLWORK	18	OTHR	SICP 1650 PSI, OW & RIH W/ 4.500"OD GR 25.65'L WL BHA, TAGGED TOP OF GUN & PLUG FISH @ 11,400', PUMPING @ 18.3 BPM, PUMPED A TOTAL OF 778 BBLS, 3760 MAX PSI, 3560 AVG PSI, ISIP 3227 PSI
20:30	21:00	0.50	P	WLWORK	28	SFTYMTG	HSM & JSEA REVIEW. (CRANE OPER, WL OPER, PUMP OPER)
21:00	03:00	6.00	P	STG03	21	PERF	SICP 1916 PSI,TEST LUB & RIH W/ STG 3 WL RUN, ALL SHOTS FIRED, POOH W/ WL
03:00	06:00	3.00	P	STG03	18	OTHR	RD PUMP DN EQUIPMENT & LINES, START MIRU FRAC EQUIPMENT

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFETY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
134	FRAC TANKS	150
134	FRAC TANKS	750
153	FISHING TOOLS & SERVICES	3,145
154	WELL CONTROL RENTALS	2,475
154	WELL CONTROL RENTALS	11,691
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
163	PLUGS AND PACKERS	3,400
192	PERFORATING	7,500
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 018
Report Date: 06/27/2011
Spud Date: 05/01/2011
Release Date:
DOE: 18 DOL: 19 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 65 Manhours: 2,307.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	41,038	0	41,038
Cum Cost($)	0	1,279,688	0	1,279,688
AFE($):	0	0	0	0

Current Activity: PERF STAGE 4
24 Hr Summary: MIRU FRAC EQUIPMENT, FRAC STG 3
24 Hr Forecast: WL STG 4 & 5; FRAC STG 4&5

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	MIRU	28	SFTYMTG	HSM & JSEA REVIEW. (RU FRAC EQUIPMENT, HOISTING, LIFTING, TRUCK MOVEMENT, HEAT STRESS)
06:30	18:00	11.50	P	MIRU	18	OTHR	MIRU FRAC EQUIPMENT
18:00	18:30	0.50	P	STG03	28	SFTYMTG	HSM & JSEA REVIEW. (RU FRAC, CRANE OPER, HEAT STRESS)
18:30	21:00	2.50	P	MIRU	18	OTHR	CONTINUE MIRU FRAC EQUIPMENT
21:00	23:00	2.00	P	STG03	09	EQRP	PRIME UP, BUCKET TEST, TEST PUMP LINES, SICP 0000 PSI, OW, TEST LINES 8K, TEST OK,
23:00	01:00	2.00	N	STG03	09	EQRP	PUMP 50 BBLS OF ACID, PUMP SLICK WATER @ MAX RATE OF 49 BPM, SHUT DN TO REPAIR FRAC PUMPS
01:00	02:30	1.50	P	STG03	35	STIM	FRAC STAGE 3
02:30	03:30	1.00	P	STG04	36	SFEQ	TEST LINES TO 8K, HAD 2" BULL PLUG LEAK, FIX PLUG, RETEST TO 8K, TEST OK
03:30	05:30	2.00	N	STG04	48	BOPEQP	RIH WITH PLUG AND PREF GUNS STUCK IN WIRELINE BOP, PULLED FREE, LD GUNS, ND BOP, FOUND BTM RAM BLOCK LAYING INSIDE BOP, INSTALL NEW RAM BLOCK, NU BOP AND LUBRICATOR, RETEST LUBRICATOR TO 8K, TEST OK
05:30	06:00	0.50	P	STG04	21	PERF	PREF STAGE 4

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
134	FRAC TANKS	750
134	FRAC TANKS	150
151	DRILLSTRING/WORKSTRING RENTALS	6,400
154	WELL CONTROL RENTALS	2,475
154	WELL CONTROL RENTALS	10,841
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
163	PLUGS AND PACKERS	3,400
192	PERFORATING	6,000
201	LAND TRANSPORTATION	757
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	
13.375	863.40 / 863.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / V. O./ GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 020
Report Date: 06/29/2011
Spud Date: 05/01/2011
Release Date:
DOE: 20 DOL: 21 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 62 Manhours: 772.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	776,301	0	776,301
Cum Cost($)	0	2,282,442	0	2,282,442
AFE($):	0	0	0	0

Current Activity: FINISHED FRAC STG 8

24 Hr Summary: CONTINUE STG 5 FRAC, RIH W/ STG 6 CFP & SET, PERF STG 6, PUMP STG 6 FRAC, RIH W/ STG 7 CFP & SET, PERF STG 7, FRAC STG 7, RIH W/ STG 8 CFP & SET, PERF FOR STG 8, FRAC STG 8

24 Hr Forecast: WL STG 9; FRAC STG 9, WL STG 10, FRAC STG 10.WL STG 11, FRAC STG 11

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG05	28	SFTYMTG	HSM & JSEA REVIEW. (FRAC OPER, CRANE OPER. WL OPER HYDRATION, HEAT STRESS)
06:30	07:30	1.00	P	STG05	35	STIM	CONTINUED FRACING STG 5, SICP 2104, PUMPED 328,213 # OF @ 80 BPM SAND, ISIP 3328 PSI,
07:30	11:00	3.50	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 6 WL, SET CFP @ 13,459' WLM, PERF INTERVAL 13,212' - 13,420' WLM, ALL SHOTS FIRED. POOH W/ WL.
11:00	14:30	3.50	N	STG06	18	OTHR	WORKING ON FRAC PUMPS
14:30	15:00	0.50	P	STG06	35	STIM	PRIME UP,TEST LINES, BUCKET TEST
15:00	17:00	2.00	P	STG06	35	STIM	SICP 2042 PSI, OW ,FRAC STG 6, PUMPED A TOTAL OF 319,000 # SAND @ 80 BPM, ISIP 3373 PSI
17:00	18:00	1.00	P	WLWORK	18	OTHR	RU & TEST LUB ON, RIH W/ WL STG 7
18:00	18:30	0.50	P	WLWORK	28	SFTYMTG	HSM & JSEA REVIEW. (WL OPER. CRANE OPER. FRAC OPER HYDRATION , HEAT STRESS)
18:30	22:00	3.50	P	WLWORK	18	OTHR	CONTINUE RIH W/ WL STG 7 , SET CFP @ 13,173' WLM, PERF INTERVALS 12,926' - 13,134' WLM, ALL SHOTS FIRED, POOH W/ WL.
22:00	00:30	2.50	P	STG07	35	STIM	SICP 2185 PSI, OW, FRAC STG 7, PUMPED A TOTAL OF 304,736# SAND @ 80 BPM ISIP 3,522 PSI
00:30	03:30	3.00	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 8 WL, SET CFP @ 12,887' WLM, PERF INTERVAL 12,640' - 12,848' WLM, ALL SHOTS FIRED. POOH W/ WL.
03:30	04:00	0.50	P	STG08	35	STIM	PRIME UP,TEST LINES, BUCKET TEST
04:00	06:00	2.00	P	STG08	35	STIM	OW, STARTED FRACING STG 8

Daily Operations Comments:

1 INCIDENTS OR ACCIDENTS, HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
133	WATER	21,000
134	FRAC TANKS	750
134	FRAC TANKS	150
154	WELL CONTROL RENTALS	10,841
154	WELL CONTROL RENTALS	2,475
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
163	PLUGS AND PACKERS	10,200
192	PERFORATING	22,500
193	STIMULATION	698,120
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	105.40 /	0.00
20.000	105.40 / 105.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / V. O./ GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 021
Report Date: 06/30/2011
Spud Date: 05/01/2011
Release Date:
DOE: 21 DOL: 22 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 62 Manhours: 772.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	600,301	0	600,301
Cum Cost($)	0	2,882,743	0	2,882,743
AFE($):	0	0	0	0

Current Activity: POOH W/ WL STG 11
24 Hr Summary: FINISH FRAC STG 8, WL STG 9, FRAC STG 9, WL STG 10, FRAC STG 10, WL STG 11
24 Hr Forecast: FRAC STG 11, WL STG 12, FRAC STG 12.WL STG 13, FRAC STG 13, WL STG 14, FRAC STG 14

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG08	28	SFTYMTG	HSM & JSEA REVIEW. (FRAC OPER., CRANE OPER, WL OPER, HYDRATION , HEAT STRESS
06:30	07:00	0.50	P	STG08	35	STIM	CONTINUED FRAC STG 8, SICP 2212 PSI, PUMPED 329,453# OF SAND @ 79 BPM, ISIP 3062 PSI
07:00	18:00	11.00	P	WLWORK	18	OTHR	RU & RIH W/ STG 9 WL, SET DN @ 5460' WLM, PUMPED @ 1BPM WASHED FREE, KEPT WALKING RATE UP PUMPING DN PRES UP 7800 @ 7551'WLM. PULLED UP TO 4450'WLM. TRIED TO PUMP BUT PRES UP TO 6900 PSI, POOH W/ WL. SURGED & FLOWED WELL TO TANK. PUMPED FLUSH VOL OF 360 BBLS S/WTR. BROKE BACK 6350 PSI . PUMPED @ 10 BPM & INCREASED TO 15 BPM. RIH W STG 9 WL ,SET CFP @ 12,601' WLM, PERF INT @12,354' - 12,562' WLM. ALL SHOTS FIRED.
18:00	18:30	0.50	P	WLWORK	28	SFTYMTG	HSM & JSEA REVIEW. (WL OPER , CRANE OPER, FRAC OPER, HYDRATION, HEAT STRESS)
18:30	19:00	0.50	P	WLWORK	18	OTHR	CONTINUE POOH W/ WL STG 9
19:00	19:30	0.50	P	STG09	35	STIM	PRIME UP, TEST LINES, BUCKET TEST
19:30	21:30	2.00	P	STG09	35	STIM	FRAC STG 9, SICP 2067 PSI, PUMPED A TOTAL OF 330,170 # OF SAND @ 80 BPM, ISIP 3369 PSI
21:30	01:00	3.50	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 10 WL, SET CFP @ 12,315' WLM, PERF INTERVAL 12,068' - 12,276' WLM, ALL SHOTS FIRED. POOH W/ WL.
01:00	02:00	1.00	P	STG10	35	STIM	PRIME UP, TEST LINES, BUCKET TEST
02:00	04:00	2.00	P	STG10	35	STIM	FRAC STG 10, SICP 2105 PSI, PUMPED A TOTAL OF 336,474# OF SAND @ 80 BPM, ISIP 2,986 PSI
04:00	06:00	2.00	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 10 WL, SET CFP @ 12,029' WLM, PERF INTERVAL 11,782' - 11,990' WLM, ALL SHOTS FIRED. POOH W/ WL.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
133	WATER	21,000
134	FRAC TANKS	150
134	FRAC TANKS	750
154	WELL CONTROL RENTALS	12,771
154	WELL CONTROL RENTALS	2,475
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
163	PLUGS AND PACKERS	6,800
192	PERFORATING	22,500
193	STIMULATION	523,590
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
20.000	105.40 / 105.40	12.04

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / V. O./ GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 022
Report Date: 07/01/2011
Spud Date: 05/01/2011
Release Date:
DOE: 22 DOL: 23 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 62 Manhours: 772.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	418,271	0	418,271
Cum Cost($)	0	3,301,014	0	3,301,014
AFE($):	0	0	0	0

Current Activity: PREPARE TO FRAC STAGE 12

24 Hr Summary: FRAC STAGE 11, RIH W/ PLUG AND GUNS FOR STAGE 12 COULD NOT GET DOWN PRESS. UP TO 7,000 PSI, POOH, PUMP 100 BBL. ACID DOWN WELL, WAIT 30 MIN. PRESS. UP AT 15 BPM, PRESS AT 4,100 PSI BROKE BACK TO 3,900 PSI, RIH W/ STAGE 12 PLUG AND GUNS PERF STAGE 12, POOH

24 Hr Forecast: FRAC STAGE 12, WL STG 13, FRAC STG 13.WL STG 14, FRAC STG 14, WL STG 15, FRAC STG 15

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WLWORK	28	SFTYMTG	HSM & JSEA REVIEW. (WL OPER, CRANE OPER, FRAC OPER, HYDRATION, HEAT STRESS)
06:30	07:30	1.00	P	WLWORK	18	OTHR	FINISHED WL STG 11, POOH W/ WL
07:30	10:00	2.50	P	STG11	35	STIM	WORKING ON PUMPS, PRIME UP, TEST LINES, BUCKET TEST
10:00	13:00	3.00	P	STG11	35	STIM	FRAC STG 11, SICP 2049 PSI, PUMPED A TOTAL OF 321,426# OF SAND @ 80 BPM, ISIP 3238 PSI
13:00	15:30	2.50	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ WL STG 12, STARTED PUMP DN PUMPING @ 14.0 BPM @ 3050 PSI @ 7550 WLM WHEN PRES UP 7200 PSI, SD & POOH W/ WL. LD GUNS & DISARMED.
15:30	18:00	2.50	P	FB	19	OWFF	SURGED WELL & FLOWED BACK 15 BBLS @ 1/2 BPM 1650 PSI TRIED TO PUMP INTO FORMATION BUT PRES UP AFTER 31 BBLS TO 7000 PSI. FLOWED BACK A TOTAL OF 79 BBLS.
18:00	18:30	0.50	P	WLWORK	28	SFTYMTG	HSM & JSEA REVIEW. (CRANE OPER, FRAC OPER, WL OPER, FLOW BACK OPER, HEAT STRESS HYDRATION)
18:30	21:00	2.50	P	FB	19	OWFF	CONTINUE FLOWING WELL BACK @ 1/2 BPM FOR A TOTAL OF 132 BBLS. SIW. SICP 1750 PSI. OW & PUMPED 304 BBLS VOL S/WTR @ 10 BPM MAX RATE @ 7450 MAX PSI. SD & PRES BLED TO 2750 PSI. SURGED WELL TO OPEN PERFS UP.
21:00	22:00	1.00	N	STG11	59	EQFAIL	SUPERIOR COULD NOT GET BLENDER TO COMMUNICATE FRAC VANN.
22:00	00:30	2.50	P	STG11	35	STIM	SICP 0000 PSI. PUMPED A 100 BBLS OF 7 1/2% HCL ACID @ MAX RATE OF 5 BPM @ MAX PSI OF 6777 PSI. ISIP 3400 PSI SI 30 MINS & FINISHED PUMPING @ MAX RATE OF 15 BPM @ MAX PRES OF 0000 PSI
00:30	01:00	0.50	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 12 WL, T0 5,000'
01:00	03:30	2.50	N	STG12	59	EQFAIL	SUPERIOR COULD NOT GET BLENDER TO COMMUNICATE W/ FRAC VANN, CHANGE OUT ROUTER
03:30	06:00	2.50	P	WLWORK	18	OTHR	CONTINUE IN HOLESET CFP @ 11,743' WLM, PERF INTERVAL 11,502' - 11,707' WLM, ALL SHOTS FIRED. POOH W/ WL.

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
133	WATER	21,000
134	FRAC TANKS	150
134	FRAC TANKS	750
154	WELL CONTROL RENTALS	2,475
154	WELL CONTROL RENTALS	12,771
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
163	PLUGS AND PACKERS	6,800
192	PERFORATING	15,000
193	STIMULATION	349,060
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / V. O./ GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 023
Report Date: 07/02/2011
Spud Date: 05/01/2011
Release Date:
DOE: 23 DOL: 24 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 62 Manhours: 772.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	603,701	0	603,701
Cum Cost($)	0	3,904,715	0	3,904,715
AFE($):	0	0	0	0

Current Activity: FRAC STG 14

24 Hr Summary: FRAC STAGE 12, PICK UP PERF. GUN AND PLUG RIH, SET PLUG AND PERF. STAGE 13, FRAC STAGE 13, HAD PROBLEMS W/ EQUIP. REFRAC STAGE 13, PICK UP PERF GUN AND PLUG RIH SET PLUG AND PERF STAGE 14,

24 Hr Forecast: FRAC STAGE 14, WL STG 15, FRAC STG 15.WL STG 16, FRAC STG 16,

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG12	28	SFTYMTG	HSM & JSEA REVIEW. (CRANE OPER , WL OPER, FRAC OPER, HEAT STRESS, HYDRATION)
06:30	07:30	1.00	P	STG12	35	STIM	FIREUP PUMPS FROM FUELING, PRIME UP, BUCKET TEST, TEST LINES.
07:30	10:30	3.00	P	STG12	35	STIM	FRAC STG 12, SICP 1721 PSI, PUMPED A TOTAL OF 323,387# OF SAND @ 76 BPM, ISIP 2955 PSI ,MAX PSI 0000 PSI ,AVG PSI 0000 PSI
10:30	14:00	3.50	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 13 WL, SET CFP @ 11,465' WLM, PERF INTERVAL 11,218' - 11,426' WLM, ALL SHOTS FIRED. POOH W/ WL.
14:00	15:00	1.00	P	STG13	35	STIM	START UP ,PRIME UP, BUCKET TEST, TEST LINES
15:00	18:00	3.00	P	STG13	35	STIM	FRAC STG 13, SICP 1906 PSI, PUMPED A TOTAL OF 234,620# OF SAND @ 80 BPM, ISIP 3000 PSI ,MAX PSI 6401 PSI ,AVG PSI 4293 PSI
18:00	20:00	2.00	P	STG13	35	STIM	HAD PROBLEMS WHILE FRACING, NOT ENOUGH SAND IN FORMATION DUE TO EQUIP. FAILURE. GOT W/ ENGINEER DECISION MADE TO REFRAC STAGE 13,
20:00	23:30	3.50	N	STG13	59	EQFAIL	WORKING ON ELECTRICAL EQUIP AND GEL PUMP
23:30	01:00	1.50	P	STG13	35	STIM	FRAC STG 13, SECOND TIME, SICP 0000 PSI, PUMPED A TOTAL OF 234,620# OF SAND @ 80 BPM, ISIP 0000 PSI ,MAX PSI 0000 PSI ,AVG PSI 0000 PSI
01:00	04:00	3.00	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 14 WL, SET CFP @ 11,180' WLM, PERF INTERVAL10,920' - 11,125' WLM, ALL SHOTS FIRED. POOH W/ WL.
04:00	05:00	1.00	P	STG14	35	STIM	FIREUP PUMPS FROM FUELING, PRIME UP, BUCKET TEST, TEST LINES.
05:00	06:00	1.00	P	STG14	35	STIM	FRAC STG 14

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
133	WATER	21,000
134	FRAC TANKS	150
134	FRAC TANKS	750
154	WELL CONTROL RENTALS	12,771
154	WELL CONTROL RENTALS	2,475
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
163	PLUGS AND PACKERS	10,200
192	PERFORATING	22,500
193	STIMULATION	523,590
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / V. O./ GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 024
Report Date: 07/03/2011
Spud Date: 05/01/2011
Release Date:
DOE: 24 DOL: 25 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 62 Manhours: 772.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	605,879	0	605,879
Cum Cost($)	0	4,510,594	0	4,510,594
AFE($):	0	0	0	0

Current Activity: PREP TO FRAC STG 17
24 Hr Summary: CONTINUE FRAC STG. 14, RIH PERF. STAGE 15, FRAC STAGE 15, RIH PERF. STAGE 16, FRAC STAGE 16, RIH PERF. STAGE 17,
24 Hr Forecast: FRAC STG 17 WL STG 18, FRAC STG 18, WL STG 19, FRAC STG 19 ,WL STG 20 ,FRAC STG 20

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG14	28	SFTYMTG	HSM & JSEA REVIEW. (FRAC OPER, WL OPER, CRANE OPER HEAT STRESS, HYDRATION)
06:30	07:30	1.00	P	STG14	35	STIM	WTR TRANSFER HAD PUMP TROUBLE, HAD TO SD TO LET THEM CATCH UP FRAC TANKS
07:30	09:00	1.50	P	STG14	35	STIM	CONTINUE PUMPING FRAC STG 14, WTR TRANSFER HAD PUMP TROUBLE, HAD TO SD TO LET THEM CATCH UP, SICP 2020 PSI, PUMPED A TOTAL OF 327,360# OF SAND @ 81 BPM, MAX PRES 5590 PSI, ISIP 2812 PSI
09:00	12:00	3.00	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 15 WL, SET CFP @ 10,880' WLM, PERF INTERVAL 10,637' - 10,845' WLM, ALL SHOTS FIRED. POOH W/ WL.
12:00	15:30	3.50	P	STG15	35	STIM	FRAC STG 15, SECOND TIME, SICP 2090 PSI, PUMPED A TOTAL OF 333,436# OF SAND @ 80 BPM, ISIP 3012 PSI ,MAX PSI 5799 PSI ,AVG PSI 4457 PSI
15:30	18:00	2.50	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 16 WL, SET CFP @ 10,595' WLM, PERF INTERVAL 10,352' - 10,560' WLM, ALL SHOTS FIRED. POOH W/ WL.
18:00	18:30	0.50	P	STG16	28	SFTYMTG	HSM & JSEA REVIEW. (WL OPER, FRAC OPER, CRANE OPER, HEAT STRESS, HYDRATION)
18:30	21:30	3.00	P	STG16	35	STIM	FRAC STG 16, SICP 2100 PSI, PUMPED A TOTAL OF 215,076# OF SAND @ 80 BPM, ISIP 2975 PSI ,MAX PSI 5874 PSI ,AVG PSI 4525 PSI T-BLET SANDED UP JUST AFTER STARTING ON 4# SAND, WENT TO FLUSH,
21:30	00:30	3.00	N	STG17	59	EQFAIL	MOVE CHEMICAL CONTAINERS & BELT, CLEAN OUT SAND BELOW BELT WHILE DISCUSSING PROBLEM W/ ENGINEER
00:30	02:00	1.50	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 17 WL, STOPPED AT 4,600' AND WAIT ON SUPERIOR FRAC CREW
02:00	03:30	1.50	N	STG17	59	EQFAIL	WAITING ON SUPERIOR TO FINISH CLEANING AREA FOR T-BELT AND MOVE CHEMICALS BACK IN PLACE. TO BE ABLE TO PUMP PLUG DOWN HOLE.
03:30	06:00	2.50	P	WLWORK	18	OTHR	CONTINUE RIH W/ STG 17 WL, SET CFP @ 10,313' WLM, PERF INTERVAL 10,066' - 10,272' WLM, ALL SHOTS FIRED. POOH W/ WL.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
123	CAMP AND CATERING	2,178
133	WATER	21,000
134	FRAC TANKS	150
134	FRAC TANKS	750
154	WELL CONTROL RENTALS	2,475
154	WELL CONTROL RENTALS	12,771
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
163	PLUGS AND PACKERS	10,200
192	PERFORATING	22,500
193	STIMULATION	523,590
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / V. O./ GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 025
Report Date: 07/04/2011
Spud Date: 05/01/2011
Release Date:
DOE: 25 DOL: 26 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 62 Manhours: 772.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	617,719	0	617,719
Cum Cost($)	0	5,138,333	0	5,138,333
AFE($):	0	0	0	0

Current Activity: CONTINUE REPAIRING PRIMARY BLENDER

24 Hr Summary: FRAC STG 17, WL STG 18, FRAC STG 18, WL STG 19, FRAC STG 19, WL STG 20, FRAC STG 20, BLENDER WENT DOWN, REPAIR AUXILIARY AND PRIMARY BLENDER, AND REPAIR PUMPS.

24 Hr Forecast: FINISH FRAC STG. 20, WL STG 21, FRAC STG 21, WL STG 22, FRAC STG 22, WL STG 23 ,FRAC STG 23, RDMO FRAC EQUIPMENT, WL & CRANE

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG17	28	SFTYMTG	HSM & JSEA REVIEW. (FRAC OPER, WL OPER, CRANE OPER, HEAT STRESS, HYDRATION)
06:30	09:30	3.00	P	STG17	35	STIM	FRAC STG 17, SICP 1977 PSI, PUMPED A TOTAL OF294,209# OF SAND @ 80 BPM, ISIP 2633 PSI ,MAX PSI 5799 PSI ,AVG PSI 4457 PSI
09:30	12:00	2.50	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 18 WL, SET CFP @ 10,027' WLM, PERF INTERVAL 9780' - 9988' WLM, ALL SHOTS FIRED. POOH W/ WL.
12:00	12:30	0.50	P	STG18	35	STIM	GREASED ALL FRAC STACK VALVES
12:30	14:30	2.00	P	STG18	35	STIM	FRAC STG 18, SICP 2030 PSI, PUMPED A TOTAL OF 323,560# OF SAND @ 80 BPM, ISIP 3209 PSI ,MAX PSI 5650 PSI ,AVG PSI 4421 PSI
14:30	17:00	2.50	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 19 WL, SET CFP @ 9741' WLM, PERF INTERVAL 9494' - 9702' WLM, ALL SHOTS FIRED. POOH W/ WL.
17:00	18:00	1.00	P	STG19	35	STIM	STARTED FRAC STG 19, SICP 2060
18:00	18:30	0.50	P	STG19	28	SFTYMTG	HSM & JSEA REVIEW. (FRAC OPER , WL OPER ,CRANE OPER, HEAT STRESS, HYDRATION)
18:30	19:00	0.50	P	STG19	35	STIM	CONTINUED FRAC STG 19 SICP 2060 PSI, PUMPED A TOTAL OF 328,280# OF SAND @ 81 BPM, ISIP 4418 PSI ,MAX PSI 5650 PSI ,AVG PSI 4421 PSI
19:00	21:30	2.50	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 20 WL, SET CFP @ 9455' WLM, PERF INTERVAL 9208' - 9416' WLM, ALL SHOTS FIRED. POOH W/ WL.
21:30	00:00	2.50	P	STG20	35	STIM	FRAC STG 20, SICP 2032 PSI, PUMPED A TOTAL OF 118,039# OF SAND @ 78 BPM, ISIP 3989 PSI ,MAX PSI 5662 PSI ,AVG PSI 4716 PSI.AFTER STARTING 2# SAND BLENDER AUGER BEARING WENT BAD., DOWN TO 78 BPM ON PUMP RATE DUE TO PUMP FAILERS.
00:00	06:00	6.00	N	STG20	59	EQFAIL	WORKING ON PUMPS, AND REPAIRING AUXILIARY BLENDER AND CHANGING OUT BEARING ON PRIMARY BLENDER.

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
123	CAMP AND CATERING	2,178
133	WATER	21,000
134	FRAC TANKS	750
134	FRAC TANKS	150
154	WELL CONTROL RENTALS	12,771
154	WELL CONTROL RENTALS	2,475
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	1,880
163	PLUGS AND PACKERS	13,600
192	PERFORATING	30,000
193	STIMULATION	523,590
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / V. O./ GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 026
Report Date: 07/05/2011
Spud Date: 05/01/2011
Release Date:
DOE: 26 DOL: 27 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 62 Manhours: 772.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	779,171	0	779,171
Cum Cost($)	0	5,917,504	0	5,917,504
AFE($):	0	0	0	0

Current Activity: PREPARE TO SET PLUG AND PERF STAGE 24

24 Hr Summary: FINISH FRAC STG 20, WL STG 21, FRAC STG 21, WL STG 22, FRAC STG 22, W/L STAGE 23, FRAC STAGE 23, RIH W/ WIRELINE TO SET PLUG AND PERF. STG. 24

24 Hr Forecast: FINISH WIRELINE STAGE 24, FRAC STAGE 24 , RDMO FRAC EQUIPMENT, WL & CRANE

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG20	28	SFTYMTG	HSM & JSEA REVIEW. (FRAC OPER , WL OPER , CRANE OPER, HEAT STRESS , HYDRATION)
06:30	11:30	5.00	N	STG20	35	STIM	WORKED ON BOTH BLENDERS & COMMUNICATION ISSUES
11:30	13:00	1.50	P	STG20	35	STIM	CONTINUED FRAC STG 20 SICP 1950 PSI, PUMPED A TOTAL OF 421,379# OF SAND @ 71 BPM, ISIP 3960 PSI ,MAX PSI 6974 PSI ,AVG PSI 5816 PSI
13:00	15:30	2.50	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 21 WL, SET CFP @ 9169' WLM, PERF INTERVAL 8922' - 9130' WLM, ALL SHOTS FIRED. POOH W/ WL.
15:30	18:00	2.50	P	STG21	35	STIM	FRAC STG 21 SICP 1950 PSI, PUMPED A TOTAL OF 421,379# OF SAND @ 71 BPM, ISIP 3960 PSI ,MAX PSI 6974 PSI ,AVG PSI 5816 PSI
18:00	18:30	0.50	P	WLWORK	28	SFTYMTG	HSM & JSEA REVIEW. (WL OPER , FRAC OPER , CRANE OPER, HEAT STRESS , HYDRATION)
18:30	21:30	3.00	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 22 WL, SET CFP @ 8883' WLM, PERF INTERVAL 8636' - 8884' WLM, ALL SHOTS FIRED. POOH W/ WL.
21:30	00:30	3.00	P	STG22	35	STIM	FRAC STG 22 SICP 2100 PSI, PUMPED A TOTAL OF 322,271# OF SAND @79 BPM, ISIP 3172 PSI ,MAX PSI 6114 PSI ,AVG PSI 4797 PSI
00:30	03:00	2.50	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 23 WL, SET CFP @ 8597' WLM, PERF INTERVAL 8350' - 8558' WLM, ALL SHOTS FIRED. POOH W/ WL.
03:00	05:00	2.00	P	STG23	35	STIM	FRAC STG 23 SICP 1957 PSI, PUMPED A TOTAL OF 322,271# OF SAND @ 79 BPM, ISIP 2955 PSI ,MAX PSI 5571 PSI ,AVG PSI 4817 PSI
05:00	06:00	1.00	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 23 WL

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
133	WATER	21,000
134	FRAC TANKS	750
134	FRAC TANKS	150
154	WELL CONTROL RENTALS	12,771
154	WELL CONTROL RENTALS	2,475
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	1,880
163	PLUGS AND PACKERS	10,200
192	PERFORATING	22,500
193	STIMULATION	698,120
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: PETE MACHOWSKI / V. O./ GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 027
Report Date: 07/06/2011
Spud Date: 05/01/2011
Release Date:
DOE: 27 DOL: 28 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 62 Manhours: 772.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	244,681	0	244,681
Cum Cost($)	0	6,225,084	0	6,225,084
AFE($):	0	0	0	0

Current Activity: FLOWING TO OTT.

24 Hr Summary: CONTINUE WL STG 24, FRAC STG 24, RDMO WL & CRANE , RDMO FRAC EQUIPMENT, OPEN WELL TO OTT, 05:00, CP 1500 PSI, CK 14/64, 0 MCFD, 0 BOPD, 720 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 395 BBLS, CO2 0%, H2S 0 PPM. MEDIUM TO HEAVY SAND.

24 Hr Forecast: CONTINUE RDMO FRAC EQUIPMENT, FRAC TANKS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WLWORK	28	SFTYMTG	HSM & JSEA REVIEW. (WL OPER, CRANE OPER, FRAC OPER, HEAT STRESS OPER, HYDRATION)
06:30	07:30	1.00	P	WLWORK	18	OTHR	RU & TEST LUB, RIH W/ STG 24 WL, SET CFP @ 8311' WLM, PERF INTERVAL 8350' - 8272' WLM, ALL SHOTS FIRED. POOH W/ WL.
07:30	11:00	3.50	P	STG24	35	STIM	FRAC STG 24 SICP 1870 PSI, PUMPED A TOTAL OF 322,271# OF SAND @ 80 BPM, ISIP 2955 PSI ,MAX PSI 5571 PSI ,AVG PSI 4817 PSI
11:00	15:50	4.83	P	RDMO	02	RDMO	RDMO FRAC EQUIPMENT
15:50	06:00	14.17	P	FB	23	PRDT	05:00, CP 1500 PSI, CK 14/64, 0 MCFD, 0 BOPD, 720 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 395 BBLS, CO2 0%, H2S 0 PPM. MEDIUM TO HEAVY SAND
15:50	15:50	0.00	P	FB	17	OPNW	OPEN WELL , SICP 1850, 1/2 BBL. MINUTE, 720 BWPD, 14/64 CK

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	5,000
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
133	WATER	21,000
134	FRAC TANKS	750
134	FRAC TANKS	150
154	WELL CONTROL RENTALS	2,475
154	WELL CONTROL RENTALS	12,771
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	1,880
163	PLUGS AND PACKERS	6,800
192	PERFORATING	15,000
193	STIMULATION	174,530
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: MIKE SHIELD / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 028
Report Date: 07/07/2011
Spud Date: 05/01/2011
Release Date:
DOE: 28 DOL: 29 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 12 Manhours: 168.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	62,450	0	62,450
Cum Cost($)	0	6,287,534	0	6,287,534
AFE($):	0	0	0	0

Current Activity: FLOWING WELL TO O.T.T. THRU PRECISION EQUIPMENT.

24 Hr Summary: R.D.M.O. MORE FRAC EQUIPT, STARTED TO CLEAN UP LOCATION, M/I & R/U PRECISION FLOW BACK EQUIPT. 3:00AM OPEN WELL, 05:00, CP 1150 PSI, CK 14/64, 0 MCFD, 0 BOPD, 1176 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 603 BBLS, (0.31%), CO2 0%, H2S 0 PPM.

24 Hr Forecast: CONTINUE RDMO FRAC EQUIPMENT, M/I AND R/U PRECISION FLOW BACK EQUIPT, START FLOW BACK WELL TO O.T.T

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	RDMO	28	SFTYMTG	HOLD SAFETY AND JSA ON HOUSEKEEPING & HYDRATION
06:30	17:30	11.00	P	RDMO	02	RDMO	FINISH CLEAN OUT SAND MASTER'S, MOVE OFF LOCATION, MOVE OFF TIC -TANK, EMPTY 2-FRAC TANKS, R/D B.T.I. IRON AND MANIFOLD AND RELEASE SAME,
17:30	21:45	4.25	P	SITEPRE	42	WOEP	MOVE LIGHT PLANTS AND OTHER SMALL EQUIPT WHILE WAITING ON PRECISION FLOW BACK TO ARRIVE
21:45	22:30	0.75	P	POST	28	SFTYMTG	PERCISION HANDS ARRIVED, GIVE ELPASO ORIENTATION THEN HOLD JSA AND SAFETY MEETING ON R/U OF EQUIPT AND WORKING AT NIGHT.
22:30	03:00	4.50	P	FB	30	SEQP	CHECK VALVES AND PRESSURE ON CSG. 1500 PSI. START R/U PRECISION FLOW BACK EQUIPT.
03:00	05:00	2.00	P	FB	23	PRDT	05:00, CP 1150 PSI, CK 14/64, 0 MCFD, 0 BOPD, 1176 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 603 BBLS, (0.31%), CO2 0%, H2S 0 PPM.
03:00	03:00	0.00	P	FB	17	OPNW	SICP 1245 PSI, CK 12/64, OPEN WELL TO OTT.

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
134	FRAC TANKS	150
134	FRAC TANKS	750
154	WELL CONTROL RENTALS	2,475
155	OFFICE, SEWAGE AND MISC. RENTALS	450
157	SAFETY/MEDICAL	1,880
195	WELL TESTING & SERVICES	5,750
212	SUPERVISION-CONTRACT	2,600
241	OTHER CONTRACT LABOR	47,770

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 029
Report Date: 07/08/2011
Spud Date: 05/01/2011
Release Date:
DOE: 29 DOL: 30 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 3 Manhours: 36.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	9,700	0	9,700
Cum Cost($)	0	6,297,234	0	6,297,234
AFE($):	0	0	0	0

Current Activity: FLOWING WELL BACK THRU PRECISION EQUIPMENT.
24 Hr Summary: 05:00, CP 845 PSI, CK 16/64, 0 MCFD, 0 BOPD, 1272 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 1916 BBLS, (0.97%), CO2 0%, H2S 0 PPM.
24 Hr Forecast: CONTINUE RDMO FRAC EQUIPMENT, M/I AND R/U PRECISION FLOW BACK EQUIPT, START FLOW BACK WELL TO O.T.T

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (SLIPS, TRIPS AND FALLS)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 990 PSI, CK 16/64, 0 MCFD, 0 BOPD, 1416 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 1321 BBLS, (0.67%), CO2 0%, H2S 0 PPM.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (HAND SIGNALS)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 845 PSI, CK 16/64, 0 MCFD, 0 BOPD, 1272 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 1916 BBLS, (0.97%), CO2 0%, H2S 0 PPM.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
134	FRAC TANKS	100
154	WELL CONTROL RENTALS	2,475
155	OFFICE, SEWAGE AND MISC. RENTALS	450
195	WELL TESTING & SERVICES	5,750
212	SUPERVISION-CONTRACT	300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 030
Report Date: 07/09/2011
Spud Date: 05/01/2011
Release Date:
DOE: 30 DOL: 31 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 3 Manhours: 36.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,025	0	8,025
Cum Cost($)	0	6,305,259	0	6,305,259
AFE($):	0	0	0	0

Current Activity: FLOWING WELL BACK THRU PRECISION EQUIPMENT
24 Hr Summary: WELL SHUT IN DUE TO ESD VALVE FAILURE
24 Hr Forecast: CONTINUE RDMO FRAC EQUIPMENT, M/I AND R/U PRECISION FLOW BACK EQUIPT, START FLOW BACK WELL TO O.T.T

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (COMMUNICATIONS)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 645 PSI, CK 18/64, 0 MCFD, 0 BOPD, 1440 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 2700 BBLS, (1.37%), CO2 0%, H2S 0 PPM.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (CUTTING DEVICES)
18:30	03:00	8.50		FB	23	PRDT	18:00, CP 300 PSI, CK 18/64, 0 MCFD, 0 BOPD, 166 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 3058 BBLS, (1.55%), CO2 0%, H2S 0 PPM.
03:00	06:00	3.00	N	FB	59	EQFAIL	WELL SHUT IN DUE TO ESD VALVE FAILURE

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
134	FRAC TANKS	100
154	WELL CONTROL RENTALS	1,200
155	OFFICE, SEWAGE AND MISC. RENTALS	450
195	WELL TESTING & SERVICES	3,900
212	SUPERVISION-CONTRACT	300
241	OTHER CONTRACT LABOR	1,450

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 031
Report Date: 07/10/2011
Spud Date: 05/01/2011
Release Date:
DOE: 31 DOL: 32 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 3 Manhours: 36.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,575	0	6,575
Cum Cost($)	0	6,311,834	0	6,311,834
AFE($):	0	0	0	0

Current Activity: FLOWING WELL BACK THRU PRECISION EQUIPMENT
24 Hr Summary: 05:00, CP 205 PSI, CK 20/64, 0 MCFD, 0 BOPD, 1032 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 4388 BBLS, (2.22%), CO2 0%, H2S 0 PPM.
24 Hr Forecast: CONTINUE RDMO FRAC EQUIPMENT, M/I AND R/U PRECISION FLOW BACK EQUIPT, START FLOW BACK WELL TO O.T.T

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (SPILL PREVENTION / CONTAINMENT)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 480 PSI, CK 20/64, 0 MCFD, 0 BOPD, 1512 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 3710 BBLS, (1.88%), CO2 0%, H2S 0 PPM.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (STATIC DISCHARGE)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 205 PSI, CK 20/64, 0 MCFD, 0 BOPD, 1032 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 4388 BBLS, (2.22%), CO2 0%, H2S 0 PPM.

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
134	FRAC TANKS	100
154	WELL CONTROL RENTALS	1,200
155	OFFICE, SEWAGE AND MISC. RENTALS	450
195	WELL TESTING & SERVICES	3,900
212	SUPERVISION-CONTRACT	300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 032
Report Date: 07/11/2011
Spud Date: 05/01/2011
Release Date:
DOE: 32 DOL: 33 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 3 Manhours: 36.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,575	0	6,575
Cum Cost($)	0	6,318,409	0	6,318,409
AFE($):	0	0	0	0

Current Activity: FLOWING WELL BACK THRU PRECISION EQUIPMENT
24 Hr Summary: 05:00, CP 10 PSI, CK OPEN, 0 MCFD, 0 BOPD, 144 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 4656 BBLS, (2.36%), CO2 0%, H2S 0 PPM.
24 Hr Forecast: CONTINUE TO FLOW WELL BACK

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (FUELING)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 10 PSI, CK OPEN, 0 MCFD, 0 BOPD, 168 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 4588 BBLS, (2.32%), CO2 0%, H2S 0 PPM.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (INCIDENT REPORTING)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 10 PSI, CK OPEN, 0 MCFD, 0 BOPD, 144 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 4656 BBLS, (2.36%), CO2 0%, H2S 0 PPM.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
134	FRAC TANKS	100
154	WELL CONTROL RENTALS	1,200
155	OFFICE, SEWAGE AND MISC. RENTALS	450
195	WELL TESTING & SERVICES	3,900
212	SUPERVISION-CONTRACT	300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 033
Report Date: 07/12/2011
Spud Date: 05/01/2011
Release Date:
DOE: 33 DOL: 34 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 3 Manhours: 36.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,575	0	6,575
Cum Cost($)	0	6,266,600	0	6,266,600
AFE($):	0	0	0	0

Current Activity: FLOWING WELL BACK THRU PRECISION EQUIPMENT

24 Hr Summary: 05:00, CP 10 PSI, CK OPEN, 0 MCFD, 0 BOPD, 120 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 4768 BBLS, (2.41%), CHLORIDES 41000, CO2 0%, H2S 0 PPM.

24 Hr Forecast: CONTINUE TO FLOW WELL BACK, MIRU WOR

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (WORKING ALOFT)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 10 PSI, CK OPEN, 0 MCFD, 0 BOPD, 120 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 4722 BBLS, (2.39%), CHLORIDES 41000, CO2 0%, H2S 0 PPM.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (HIGH WINDS)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 10 PSI, CK OPEN, 0 MCFD, 0 BOPD, 120 BWPD, TOR 0 BBLS, 0 GRAVITY, TFR 4768 BBLS, (2.41%), CHLORIDES 41000, CO2 0%, H2S 0 PPM.

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
134	FRAC TANKS	100
154	WELL CONTROL RENTALS	1,200
155	OFFICE, SEWAGE AND MISC. RENTALS	450
195	WELL TESTING & SERVICES	3,900
212	SUPERVISION-CONTRACT	300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: MIKE SHIELD / MIKE SHIELD
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 034
Report Date: 07/13/2011
Spud Date: 05/01/2011
Release Date:
DOE: 34 DOL: 35 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 12 Manhours: 160.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	36,984	0	36,984
Cum Cost($)	0	6,303,584	0	6,303,584
AFE($):	0	0	0	0

Current Activity: WAITING ON RIG CREW AND PUMPS.
24 Hr Summary: FIN FLOW BACK WELL, M/I AND R/U NABORS W/O RIG, PUMPS, MIXING PLANT, O/L WORK STRING
24 Hr Forecast: CONTINUE TO FLOW WELL BACK, MIRU WOR

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	HOLD SAFETY AND JSA ON R/D OF EQUIPT, PPE
06:30	09:00	2.50	P	FB	19	OWFF	CONT MONITOR WELL TO O.T.T. WHILE WAITING ON W/O RIG AND EQUIPT
09:00	09:45	0.75	P	MIRU	28	SFTYMTG	NABORS RIG AND CREW ARRIVE, GIVE ELPASO ORIENTATION, HOLD SAFETY AND JSA ON VEHICLE BACKING AND R/U SAFETY
09:45	20:00	10.25	P	MIRU	01	MIRU	START M/I AND R/U NABORS WORK OVER EQUIPT. STILL MONITOR WELL, 0 PSI , HAVE ALL BOP NIPPLED UP, SET O.T.T., R/U PLUG CATCHER , MANIFOLD. PUT ONE TRUCK LOAD OF WORK STRING ON PIPE RACK. WILL TEST BOP IN AM AND SPOT REV PUMPING UNIT AND SWIVEL, REST OF WORK STRING WILL ARRIVE IN AM. WORKED NABOR'S CREW UNTIL 2000 HRS, THEY WILL BE ON LOCATION AROUND 0730 IN AM. CLOSE AND LOCK BLIND RAMS, WILL MONITOR WELL OVER NIGHT. EVERYTHING SECURED. S.D.F.N.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
134	FRAC TANKS	300
141	MUD & CHEMICALS	2,175
154	WELL CONTROL RENTALS	1,441
154	WELL CONTROL RENTALS	850
155	OFFICE, SEWAGE AND MISC. RENTALS	450
155	OFFICE, SEWAGE AND MISC. RENTALS	1,500
157	SAFETY/MEDICAL	940
195	WELL TESTING & SERVICES	2,250
195	WELL TESTING & SERVICES	3,900
201	LAND TRANSPORTATION	685
201	LAND TRANSPORTATION	1,575
201	LAND TRANSPORTATION	1,802
201	LAND TRANSPORTATION	5,600
212	SUPERVISION-CONTRACT	1,300
241	OTHER CONTRACT LABOR	6,311
241	OTHER CONTRACT LABOR	5,115
262	PURCHASED SUPPLIES	165

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: MIKE SHIELD / MIKE SHIELD
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 035
Report Date: 07/14/2011
Spud Date: 05/01/2011
Release Date:
DOE: 35 DOL: 36 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 12 Manhours: 152.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	17,693	0	17,693
Cum Cost($)	0	6,321,277	0	6,321,277
AFE($):	0	0	0	0

Current Activity: MONITORING WELL, WAITING ON RIG CREW

24 Hr Summary: FIN R/U AND TEST, SWAP OUT O.T.T DUE TO HOLE, P/U BHA AND START TIH. RAN TOTAL OF 67 JTS FOR A DEPTH OF 2033'. HAD PROBLEMS WITH SLIPS.

24 Hr Forecast: FIN R/U AND TEST, TIH WITH 4 3/4" BIT AND WORK STRING, START MILLING OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
08:00	09:00	1.00	P	MIRU	28	SFTYMTG	CREW AND EQUIPT ON LOCATION, HOLD SAFETY AND JSA ON BOP TESTING, AND WORKING AT HEIGHT, HAVE TO ORIENTATE 4- NABORS HAND'S
09:00	11:00	2.00	P	MIRU	01	MIRU	R/U GREENS, INSTALL TEST PLUG, TEST BLIND RAM, PIPE RAM TO 250-5000, NO LEAKS, TEST HYDRIL TO 250-3500, GOOD TEST, TEST TIW VALVE AND BOTH SIDES OF MANIFOLD.CHART ALL TESTS AND SIGN. REMOVE TEST PLUG, RELEASE GREENS.
11:00	14:00	3.00	P	MIRU	01	MIRU	FIN R/U NABORS REV PUMPING UNIT, TALLY PIPE AND BHA. WE HAVE TOTAL OF 476 JTS OF 2 7/8" PH6 WORK STRING ON LOCATION. R/U STRIPPER HEAD ON TOP OF HYDRIL, GETTING READY TO TIH.
14:00	18:00	4.00	P	PRDHEQ	39	TRIP	OPEN WELL, STILL SPITTING A LITTLE, INSTALL STRIPPING RUBBER, HAVE TO ADJUST TONG DUE TO HEIGHT OF WORK FLOOR, START TIH WITH 4 3/4" OD TRI CONE BIT. TAKE DISP TO O.T.T. MONITOR CLOSE FOR FLOW. DRIFT EACH JOINT, USE STABBING GUIDE AND TORGQ PIPE TO SPEC. TAKE BREAKS AS NEEDED, FOR HYDRATION. HAVING PROBLEMS WITH SLIPS BITING AFTER 67 JTS. CLEAN DIES, AND TRY AGAIN, NO GOOD, SET PIPE IN HAND SLIP BOWL AND INSTALL BASH-ROSS CLAMP, CALL NABORS OFFICE, WILL HAVE 5 BRAND NEW SETS ON LOCATION 0700 HRS AM.
18:00	19:00	1.00	P	PRDHEQ	06	CIRC	TIH WITH TOTAL OF 67 JTS FOR A DEPTH OF 2,077' PM. HAVE TO R/U KELLY HOSE IN DEREK, AND M/U TO TIW VALVE, FILL TBG AND B/C WITH 11BBLS OF BRINE. S/D PUMP, WAIT FOR FLOW TO STOP, CLOSE AND LOCK RAMS, CLOSE HYDRIL, ALL EQUIPT AND WELL ARE SECURE
19:00	23:00	4.00	P	PRDHEQ	19	OWFF	MONITOR WELL, ONLY FLOWED BACK 4.5 BBLS, SHUT IN WELL AT MANIFOLD, S.D.F.N.

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
134	FRAC TANKS	150
134	FRAC TANKS	3,065
151	DRILLSTRING/WORKSTRING RENTALS	2,963
154	WELL CONTROL RENTALS	850
155	OFFICE, SEWAGE AND MISC. RENTALS	675
157	SAFETY/MEDICAL	940
195	WELL TESTING & SERVICES	1,700
201	LAND TRANSPORTATION	2,050
212	SUPERVISION-CONTRACT	1,300
241	OTHER CONTRACT LABOR	3,375

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: MIKE SHIELD / MIKE SHIELD
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 036
Report Date: 07/15/2011
Spud Date: 05/01/2011
Release Date:
DOE: 36 DOL: 37 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 12 Manhours: 152.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	19,897	0	19,897
Cum Cost($)	0	6,341,174	0	6,341,174
AFE($):	0	0	0	0

Current Activity: WAITING ON RIG CREW TO ARRIVE, MONITORING WELL

24 Hr Summary: TIH FROM 2033' TAGGED SOLID @ 6944'. WASHED THRU SAND BRIDGE, HAD PUMP PROBLEMS, CIRC CLEAN FROM 6944', MADE REPAIRS, R/U HYD CATWALK

24 Hr Forecast: CONT TIH, AND START MILLING PLUGS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	WBREMD	42	WOEP	WAITING ON RIG CREW TO ARRIVE
07:00	07:30	0.50	P	WBREMD	28	SFTYMTG	HOLD SAFETY AND JSA MEETING ON TONG SAFETY AND PICKING UP PIPE
07:30	08:30	1.00	P	WBREMD	39	TRIP	UN-LOCK RAM'S, CHANGE SLIP DIES, CHECK FOR FLOW, ONLY MADE 2 BBLS LAST HR.
08:30	14:30	6.00	P	WBREMD	39	TRIP	CONT TIH FROM 2033', FILL TBG EVERY 1,000' WITH 5 BBLS, CONT MONITOR DISP, ON WAY IN HOLE, DRIFT EVERY JT ON WAY IN. TALLY AS NEEDED, TAG SOLID 6944' DPM. SET 5K DOWN ON TAG NO GO. MARK PIPE, P/U WT OFF BTM = 42,000#. NO DRAG
14:30	15:30	1.00	P	WBREMD	06	CIRC	B/O TAG JT, P/U POWER SWIVEL, CAN NOT PICK SWIVEL UP INTO DERRICK DUE TO STIFF ARM HITTNG BRACE, L/D JOINT, AND M/U 18' OF PUP JTS. M/U ON SWIVEL.
15:30	17:30	2.00	P	WBREMD	06	CIRC	START PUMPING AT 3BPM UNTIL CIRC ESTB. ONCE CIRC, INC RATE TO 4.5 BPM, PROBLEMS WITH PUMP, REMOTE PANEL NOT WORKING, WORK ON CONSOLE, NO GOOD, RUN PUMP MANUALLY, COUNT STROKES TO GET RATE. WASH PUP JOINTS DOWN FROM 6944' TO 6962', CIRC HIGH VISC GEL SWEEP, LOTS OF SAND IN RETURNS ON B/U. CIRC TOTAL OF 160 BBLS, 4.5 BPM @1300 PSI. HYD CAT WALK SHOWED UP, PUMP PARTS ARE COMING AND NEW STIFF ARM FOR POWER SWIVEL.
17:30	19:00	1.50	P	WBREMD	09	EQRP	L/D PUP JTS, P/U WT = 45000#, SECURE WELL, LOCK RAMS, INSTALL NEW RUBBER, MAKE REPAIR'S ON PUMP,R/U HYD CAT WALK, INSTALL SHORT STIFF ARM ON SWIVEL. WELL IS STATIC, NO FLOW TO TANK. EVERYTHING IS READY TO GO IN AM, SHUT IN AND MONITOR FOR BUILD UP.
19:00	21:00	2.00	P	WBREMD	19	OWFF	MONITOR FOR 2 HRS, BUILT UP TO 200 PSI, OPEN CHOKE, B/O GAS HEAD IN 1 MIN TO 0PSI. VERY LITTLE FLUID. SHUT IN FOR ANOTHER 2 HR'S
21:00	23:00	2.00	P	WBREMD	19	OWFF	MONITOR FOR 1 HR, PRESSURE BUILT UP TO 200 PSI AGAIN, OPEN TO CHOKE, BLED OFF IN LESS THAN A MINUTE. WILL CLOSE IN FOR REST OF NIGHT. SECURE MANIFOLD AND S.D.F.N.,

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
134	FRAC TANKS	1,700
134	FRAC TANKS	150
141	MUD & CHEMICALS	1,370
151	DRILLSTRING/WORKSTRING RENTALS	1,947
154	WELL CONTROL RENTALS	850
155	OFFICE, SEWAGE AND MISC. RENTALS	675
157	SAFETY/MEDICAL	940
195	WELL TESTING & SERVICES	5,620
212	SUPERVISION-CONTRACT	1,300
241	OTHER CONTRACT LABOR	4,720

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: MIKE SHIELD / MIKE SHIELD
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 037
Report Date: 07/16/2011
Spud Date: 05/01/2011
Release Date:
DOE: 37 DOL: 38 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 12 Manhours: 152.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	19,358	0	19,358
Cum Cost($)	0	6,360,532	0	6,360,532
AFE($):	0	0	0	0

Current Activity: WAITING ON CREW TO ARRIVE, MONITOR CSG.
24 Hr Summary: WASHED AND ROTATED DOWN TO 8060', HAD PUMP AND SWIVELPROBLEMS
24 Hr Forecast: CONT TIH, FR0M 2033', TO FIRST PLUG @ 8310'. START MILL OUT WEATHERFORD CBP.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:00	2.00	P	WBREMD	19	OWFF	MONITOR WELL WHILE WAITING ON RIG CREW TO ARRIVE, WILL BUILD UP 300 PSI IN ONE HR AND B/O IN ABOUT A MIN
08:00	09:00	1.00	P	WBREMD	28	SFTYMTG	CREW ON LOCATION, HOLD SAFETY AND JSA ON OPERATING HYD CAT WALK, AND POWER SWIVEL SAFETY, HAVE TO ORIENTATE 2 HANDS
09:00	11:30	2.50	P	WBREMD	10	FCO	UNLOCK RAMS, START WASHING DOWN, TAGGING SAND AS WASHING, WASHED DOWN TO 7471', CIRC B/U AND RECOVERED APPROX 5 BBLS FRAC SAND ON B/U.
11:30	12:30	1.00	P	WBREMD	10	FCO	R/U TO WASH WITH POWER SWIVEL. TO SEE IF IT IS ANY QUICKER ON CONNECTIONS, PROBLEMS GETTING SWIVEL IN DERRICK, FINALLY GOT IT RESOLVED.
12:30	14:45	2.25	P	WBREMD	10	FCO	CONT WASHING DOWN FROM7471' DOWN TO 7750', ROTATING AND PUMPING 4 BPM @ 1300 PSI. PUMPING GEL SWEEPS EVERY 5 JOINTS. SAND IS TAPERING OFF A LITTLE. CIRC B/U FROM 7750' WHILE TALLY PIPE. WT OFF BOTTOM IS CLEAN @ 52,000#.
14:45	16:30	1.75	P	WBREMD	10	FCO	GOT B/U. GETTING SOME GAS AND A GOOD AMOUNT OF SAND, ONCE IT CLEANED UP, MAKE CONNECTION , CONT WASH AND ROTATE FROM 7750 DOWN TO.7874'. STILL HAVING PUMP PROBLEMS, AND POWER SWIVEL WENT DOWN.
16:30	17:15	0.75	N	WBREMD	59	EQFAIL	WORK ON PUMP AND REPLACE CONNECTION ON POWER SWIVEL, BACK ON LINE.
17:15	18:15	1.00	P	WBREMD	10	FCO	CONT WASH FROM 7874' RATES THE SAME, 4BPM @ 1425 PSI, 0PSI ON CSG, AND 60 RPM ON SWIVEL. WASHED DOWN TO 8,060'. P/U WT OFF BOTTOM IS 57,000 & S/O WT IS 55,000#.
18:15	19:00	0.75	P	WBREMD	06	CIRC	CIRC 10 BBL 150 VISC GEL SWEEP FROM 8,060' AT 5 BPM AND 1680 PSI, BRING GEL TO SURFACE WITH 175 BBLS, PUMP ANOTHER 25 BBLS, RET ARE CLEAN..S/D PUMP, S/I WELL WITH 180 PSI., CLOSE AND LOCK RAMS. WILL MONITOR PRESSURE ON MANIFOLD. AND B/O AS NEEDED.
19:00	22:00	3.00	P	WBREMD	31	SIPB	MONITOR CSG PSI FOR BUILD UP, 0800 =200PSI, 0900 =200 PSI, 2200 = 200 PSI. SHUT IN FOR THE NIGHT.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	20
123	CAMP AND CATERING	605
134	FRAC TANKS	150
134	FRAC TANKS	2,525
141	MUD & CHEMICALS	1,370
151	DRILLSTRING/WORKSTRING RENTALS	1,947
154	WELL CONTROL RENTALS	850
155	OFFICE, SEWAGE AND MISC. RENTALS	675
157	SAFETY/MEDICAL	940
195	WELL TESTING & SERVICES	3,900
212	SUPERVISION-CONTRACT	1,300
241	OTHER CONTRACT LABOR	5,076

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: MIKE SHIELD / MIKE SHIELD
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 038
Report Date: 07/17/2011
Spud Date: 05/01/2011
Release Date:
DOE: 38 DOL: 39 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 12 Manhours: 152.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	25,591	0	25,591
Cum Cost($)	0	6,386,123	0	6,386,123
AFE($):	0	0	0	0

Current Activity: WAITING FOR RIG CREW, TO ARRIVE
24 Hr Summary: WASHED DOWN TO AND DRILLED OUT PLUGS # 1, 2,3, 4,5,
24 Hr Forecast: START DRILL OUT COMP PLUS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:00	1.00	P	WBREMD	19	OWFF	WAITING ON CREW TO ARRIVE, MONITOR CSG, PRESSURE IS 240 PSI, OPEN CHOKE TO TANK, START B/O SLOWLY .
07:00	07:30	0.50	P	WBREMD	28	SFTYMTG	SAFETY AND JSA MEETING ON BODY PLACEMENT AND WELL CONTROL
07:30	08:30	1.00	P	WBREMD	10	FCO	UNLOCK RAMS, B/C, B/O CSG, SERVICE RIG AND PUMP.
08:30	10:00	1.50	P	WBREMD	10	FCO	STARTWASHING DOWN FROM 8,060', WASH TO 1ST PLUG AT, WASH 3 JTS, NABORS MAN SHOWED UP TO RE-CALIBRATE SETTINGS ON RIG, IT IS THE MILLENIUM SERIES, NOT QUITE RUNNING RIGHT.ONLY TOOK 10 MIN, CONT WASHING AND MILLING , TAG PLUG #1 15' IN ON 268, 8292'.
10:00	11:00	1.00	P	WBREMD	10	FCO	MILL ON PLUG #1, 6-8K DOWN, 72 RPM. MILLED THRU IN 28 MIN. TOOK ANOTHER 30 MIN TO WORK REST OF JOINT DOWN PUSHING PLUG JUNK AND SAND
11:00	13:00	2.00	P	WBREMD	10	FCO	MAKE CONN, AND CONT WASH DOWN TO PLUG #2, .TAG @ 8568' PM , START DRILL OUT, LEAK ON BOTTOM SUB OF SWIVEL, S/D AND REPAIR.
13:00	13:45	0.75	P	WBREMD	10	FCO	CONT WASHING DOWN TO PLUG #3 , PLUG CATCHERS ARE SANDING UP QUITE OFTEN,
13:45	15:30	1.75	P	WBREMD	10	FCO	LEAK REPAIRED, RIH TO PLUG AND #3START DRILLING. PLUG GONE IN 20 MIN, FINISH WASH REST OF JOINT DOWN. P/U ARE CLEAN OFF BOTTOM, 58,000#. AM PUMPING 10 BBL SWEEP AFTER EACH PLUG, STILL GETTING LOTS OF SAND BACK IN RETURNS.
15:30	16:30	1.00	P	WBREMD	10	FCO	SEND 10 BBL HIGH VISC SWEEP, AND WASH DOWN TO PLUG #4, GETTING AS MUCH FRAC SAND IN PLUG CATCHER AS WE ARE PLUG DEBRIS, HAVE APPROX 10 BBLS FRAC SAND IN RET TANK AFTER 3 PLUGS. TAG PLUG #4 10' IN ON JT #296, 9,155'
16:30	17:00	0.50	P	WBREMD	10	FCO	START MILL ON PLUG #4, SAME RATES AND WT'S, 8K DOWN, 5.5 BPM, 73 RPM DRILLED OUT IN 18 MIN. CONT WASH REST OF JOINT DOWN, SEND 10 BBLS SWEEP
17:00	20:00	3.00	P	WBREMD	10	FCO	WASH DOWN TO PLUG # 5, TAG SOMETHING ON JT # 300. LOOKS LIKE JUNK FROM #4, DRILL THRU, SEND SWEEP, CONT WASH DOWN TO #5, WHILE MAKING A CONNECTION, THEY GAULDED THE PIN END OF A JOINT , LAID IT DOWN AND PULLED ONE AND L/D ALSO. REPLACED WITH NEW JTS, HAVE TO WRAP THE WINCH LINE AROUND JT AND PULL INTO DERRICK TO BE STARIGHT ENOUGH TO M/U. TAGGED PLUG #5 ON JT # 306 # PLUG TURNED LOOSE AFTER 8 MIN, FINISHED WASH JOINT DOWN. CIRC 20 BBL 175 VISC GEL TO SURFACE WITH 225 BBLS. LOTS OF SAND IN B/U. NOTIFY ENG. WHEN RET ARE CLEAN CHECK P/U AND S/O. 57,000 AND 52,000.S/D SWIVEL AND PUMP. SECURE WELL, CLOSE AND LOCK PIPE RAMS, CLOSE HYDRIL. 200 PSI ON CSG. S.D.F.N. HAVE CLEAN FLUID COMING IN AM TO START PUMPING WITH.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
131	FUEL	5,785
134	FRAC TANKS	2,673
141	MUD & CHEMICALS	1,370
151	DRILLSTRING/WORKSTRING RENTALS	1,947
154	WELL CONTROL RENTALS	850
155	OFFICE, SEWAGE AND MISC. RENTALS	675
157	SAFETY/MEDICAL	940
195	WELL TESTING & SERVICES	4,350
212	SUPERVISION-CONTRACT	1,300
241	OTHER CONTRACT LABOR	5,076

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: MIKE SHIELD / MIKE SHIELD
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 039
Report Date: 07/18/2011
Spud Date: 05/01/2011
Release Date:
DOE: 39 DOL: 40 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 11 Manhours: 152.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	19,560	0	19,560
Cum Cost($)	0	6,405,683	0	6,405,683
AFE($):	0	0	0	0

Current Activity: WAITING ON RIG CREW TO ARRIVE
24 Hr Summary: DRILLED PLUGS 6,7,&8, POWER SWIVEL PROBLEMS, MADE REPAIRS, S.D.F.N.
24 Hr Forecast: DRILL OUT PLUGS 6,7,8,9,10.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:30	1.50	P	WBREMD	19	OWFF	CONTINUE MONITOR CSG, 400 PSI ON GAUGE, PUMP OUT RIG TANK, RE-FILL WITH CLEAN FLUID
07:30	08:00	0.50	P	WBREMD	28	SFTYMTG	CREW ON LOCATION, HOLD SAFETY AND JSA MEETING WITH CREW, DISCUSS ATTITUDES AND BUDDY SYSTEM
08:00	09:30	1.50	P	WBREMD	10	FCO	SERVICE AND CRANK UP EQUIPT, UN-LOCK RAMS, 400PSI ON CSG. BREAK CIRC WITH 4 BPM@ 1375 PSI. ROTATE PIPE, ALL GOOD.
09:30	12:30	3.00	P	WBREMD	10	FCO	CONT WASHING AND ROTATING TO PLUG #6, HAD TO STOP ONCE TO REPIAR LEAK ON SWIVEL. CONT IN HOLE TAG PLUG #6, DID NOT TAG ON 314, CONT WASHING DOWN TO FIND PLUG, FOUND @ 9928', MILLED THRU AND FINISHED ROTATE # 321 DOWN TO 9951',
12:30	13:30	1.00	P	WBREMD	10	FCO	MAKE CONN TO 323, WASH AND REAM DOWN TO NEXT PLUG, TAG 15' IN ON 232, SHOILD BE PLUG #7
13:30	14:45	1.25	N	WBREMD	59	EQFAIL	WHILE MILLING ON PLUG #7, POWER SWIVEL ENGINE WENT DOWN. P/U JT 25', CONT CIRC WHILE WAITING TO GET SWIVEL WORKING, GOT SWIVEL GOING AGAIN
14:45	16:00	1.25	P	WBREMD	10	FCO	CONT MILL DOWN TO PLUG #8, TAG UP 22' IN ON #332, 10,282'
16:00	16:45	0.75	P	WBREMD	10	FCO	START MILL ON #8 WITH 6-8K DOWN, 4.2 BPM @1425 PSI. 73 RPM ON SWIVEL, POWER SWIVEL QUIT AGAIN.
16:45	18:15	1.50	N	WBREMD	59	EQFAIL	WAIT ON NABORS MECHANIC TO CHECK POWER SWIVEL, HAD TO REPLACE FUEL LINE'S AND BY-BASS THE LOW OIL CENTINEL.
18:15	19:30	1.25	P	WBREMD	10	FCO	FIN DRILL OUT PLUG #8, WITH SAME RATES AND WT'S AS ABOVE, LOTS OF SAND IN RETURNS, ONCE THRU PLUG, PUMP ANOTHER 20BBL HIGH VISC SWEEP. WAIT FOR SWEEP TO SURFACE, LOTS OF SAND IN B/U. TALKED TO NABORS, NEED B/U SWIVEL ON LOCATION IN AM.
19:30	20:00	0.50	P	WBREMD	10	FCO	SECURE WELL AND EQUIPT, CSG SHUT IN WITH 400 PSI. S.D.F.N.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
134	FRAC TANKS	3,698
141	MUD & CHEMICALS	1,370
151	DRILLSTRING/WORKSTRING RENTALS	1,947
153	FISHING TOOLS & SERVICES	120
154	WELL CONTROL RENTALS	850
155	OFFICE, SEWAGE AND MISC. RENTALS	150
155	OFFICE, SEWAGE AND MISC. RENTALS	675
157	SAFETY/MEDICAL	940
195	WELL TESTING & SERVICES	3,250
212	SUPERVISION-CONTRACT	1,300
241	OTHER CONTRACT LABOR	4,635

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: MIKE SHIELD / GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 040
Report Date: 07/19/2011
Spud Date: 05/01/2011
Release Date:
DOE: 40 DOL: 41 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 11 Manhours: 152.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	19,560	0	19,560
Cum Cost($)	0	6,425,243	0	6,425,243
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity: SAFETY MEETING
24 Hr Summary: DRILL OUT PLUG 9,10,11,&12
24 Hr Forecast: DRILL OUT PLUGS 13,14,15,16,17

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:30	1.50	P	WBREMD	19	OWFF	WAITING ON CREW TO ARRIVE, MONITOR CSG. 500 PSI ON CSG.
07:30	08:00	0.50	P	WBREMD	28	SFTYMTG	SAFETY AND JSA ON DRILLING PROCEDURES AND GOOD COMMUNICATION
08:00	09:00	1.00	P	WBREMD	10	FCO	UNLOCK RAMS AND OPEN SAME, OPEN WELL TO CHOKE BLEED DOWN TO 300 PSI, OPEN HYDRIL START WASH DOWN FROM JT # 332,TO JT # 338. RUBBER LEAKING, HAVE TO CHANGE.
09:00	10:00	1.00	P	WBREMD	30	SEQP	CLOSE HYD, B/O ANY PSI BELOW RUBBER, CHANGE RUBBER
10:00	11:15	1.25	P	WBREMD	10	FCO	OPEN HYD, CONT WASH & ROTATE DOWN AT 4.2 BPM 1450 PSI KEEPING BBL FOR BBL, THRU MANIFOLD. TAG PLUG #9 @ 10573' 2' IN ON # 342. START MILL ON PLUG, PLUG GONE IN22 MIN, FIN MILL JOINT DOWN.
11:15	12:30	1.25	P	WBREMD	10	FCO	CONT WASH AND REAM DOWN TO PLUG #10.
12:30	13:30	1.00	N	WBREMD	59	EQFAIL	HYD HOSE ON RIG BRAKES BROKE, WAITING FOR MECHANI TO FIX HOSE ON BRAKES
13:30	14:30	1.00	P	WBREMD	10	FCO	WASH DN TO PLUG # 10 TAG @ 10,881' ON # 350. DRILL PLUG UP, PUMP A 20BBL GEL SWEEP, WASH DN TO NEXT PLUG #11
14:30	18:00	3.50	P	WBREMD	10	FCO	DRILL 11 & 12 PUMP GEL SWEEPS AFTER EACH PLUG, WASH DN TO PLUG 13, ROTATE FREE TBG 2500LBS OF TORQUE
18:00	19:00	1.00	P	WBREMD	06	CIRC	PUMP A 20BBL GEL SWEEP, SHUT WELL IN FOR NITE

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
134	FRAC TANKS	3,698
141	MUD & CHEMICALS	1,370
151	DRILLSTRING/WORKSTRING RENTALS	1,947
153	FISHING TOOLS & SERVICES	120
154	WELL CONTROL RENTALS	850
155	OFFICE, SEWAGE AND MISC. RENTALS	150
155	OFFICE, SEWAGE AND MISC. RENTALS	675
157	SAFETY/MEDICAL	940
195	WELL TESTING & SERVICES	3,250
212	SUPERVISION-CONTRACT	1,300
241	OTHER CONTRACT LABOR	4,635

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

elpaso

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: / GLENN S
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 041
Report Date: 07/20/2011
Spud Date: 05/01/2011
Release Date:
DOE: 41 DOL: 42 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 11 Manhours: 152.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	19,560	0	19,560
Cum Cost($)	0	6,444,803	0	6,444,803
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity: SAFETY MEETING
24 Hr Summary: DRILL OUT PLUG 14, 15
24 Hr Forecast: DRILL OUT PLUGS 16,17,18,19,20

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WBREMD	28	SFTYMTG	JSA AND HELD SAFETY MEETING (COMMUCATION)
06:30	07:00	0.50	P	WBREMD	18	OTHR	SERVICE RIG AND BLEED WELL DN SHUT-IN 650PSI
07:00	08:00	1.00	P	WBREMD	10	FCO	DRILL PLUG #14 PUMP A 8BBL GEL SWEEP, WASHING DN TO NEXT PLUG
08:00	08:30	0.50	N	WBREMD	09	EQRP	SWIVEL SUB LEAKING CHANGE WITH NEW SUB,
08:30	10:00	1.50	P	WBREMD	10	FCO	CONTINUE WASHING DN TO NEXT PLUG, CIRC 4.1BPM @ 5075PSI, ROTATING TBG @ 80RPM WITH 3000LBS OF TORQUE
10:00	14:30	4.50	N	WBREMD	09	EQRP	BROKE A GEAR IN SWIVEL, PUMP A 10 BBL GEL SWEEP, RD 3.5 SWIVEL AND MOVE TO SIDE OF LOCATION. WELL FLOWING 2 BPM @ 250 PSI ONCE SWEEP CAME BACK WELL CLEAN UP, NO SAND,
14:30	15:30	1.00	N	WBREMD	18	OTHR	RU 3.5 SWIVEL
15:30	17:30	2.00	P	WBREMD	40	WASH	WASH DN TO PLUG 15
17:30	18:30	1.00	P	WBREMD	06	CIRC	PUMP A 15 BBL GEL SWEEP, CIRC BTM AND SHUT WELL IN FOR NIGHT, PICK UP STRING WT 63K, SLACK OFF STRING WT 45K, STRING WT 54K

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR ENVIROMENTAL,HELD SAFETY AND JSEA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
134	FRAC TANKS	3,698
141	MUD & CHEMICALS	1,370
151	DRILLSTRING/WORKSTRING RENTALS	1,947
153	FISHING TOOLS & SERVICES	120
154	WELL CONTROL RENTALS	850
155	OFFICE, SEWAGE AND MISC. RENTALS	150
155	OFFICE, SEWAGE AND MISC. RENTALS	675
157	SAFETY/MEDICAL	940
195	WELL TESTING & SERVICES	3,250
212	SUPERVISION-CONTRACT	1,300
241	OTHER CONTRACT LABOR	4,635

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: DAVEY BLACK
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 014
Report Date: 07/21/2011
Spud Date: 05/01/2011
Release Date:
DOE: 42 DOL: 15 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 10 Manhours: 142.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	74,049	0	74,049
Cum Cost($)	0	6,593,651	0	6,593,651
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity: CIRC SWEEP TO SURFACE. PICKED UP FULL KELLY. SDFN.
24 Hr Summary: CONTINUUE DRILLINNG PLUGS. DRILLED PLUGS #14, #15, #16, #17, AND #18. CONTINUE IN HOLE TO 13,400. PUMPED SWEEP TO SURFACE.
24 Hr Forecast: FINISH DRILLING PLUGS AND RECOVER FISH.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WBREMD	28	SFTYMTG	SAFETY MEETING AND JSA. TOPIC- WORKING ON FLOOR UNDER POWER SWIVEL.
06:30	07:30	1.00	P	WBREMD	18	OTHR	LOWERED DOWN. NO FILL. REPAIRED LEAK ON THREADS ON SAFETY VALVE AND CHANGED SWIVEL PACKING.
07:30	17:00	9.50	P	WBREMD	18	OTHR	CONT IN HOLE, PUSHING PLUG #14 TO TOP OF PLUG #15 @ 12300'. DRILLED PLUGS #14, #15, #16, #17, AND #18, PUMPING SWEEPS AFTER EACH PLUG. CONTINUE IN HOLE TO 13,400'. TAGGED PLUG JUNK OR FILL.
17:00	18:30	1.50	P	WBREMD	06	CIRC	PUMPED 15 BBL SWEEP TO SURFACE. PICKED UP FULL KELLY. SDFN.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
115	MOBILIZATION	9,300
123	CAMP AND CATERING	605
123	CAMP AND CATERING	20
126	COILED TUBING UNIT	35,000
133	WATER	7,000
133	WATER	200
134	FRAC TANKS	150
153	FISHING TOOLS & SERVICES	8,191
154	WELL CONTROL RENTALS	2,475
155	OFFICE, SEWAGE AND MISC. RENTALS	1,100
157	SAFETY/MEDICAL	940
192	PERFORATING	6,000
201	LAND TRANSPORTATION	468
212	SUPERVISION-CONTRACT	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / GLENN SCHULZE
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 057
Report Date: 08/05/2011
Spud Date: 05/01/2011
Release Date:
DOE: 57 DOL: 31 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	6,896,776	0	6,896,776
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: TURN WELL OVER TO FLOW-BACK..

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA AND SAFETY MEETING (STAY HYDRATED)
06:30	08:00	1.50	P	FB	31	SIPB	WELL STOP FLOWING, SHUT WELL IN FOR BUILD UP
08:00	10:00	2.00	P	FB	19	OWFF	SICP 30PSI, OPEN WELL TO FRAC TANK, LOAD OUT WORKOVER EQIPMENT,
10:00	10:30	0.50	P	FB	16	NUND	SHUT WELL IN, RD FLOWBACK FROM WELL HEAD
10:30	15:00	4.50	P	FB	18	OTHR	MOVE FRAC TANKS AND MANIFOLD TOGETHER, UNLOAD AND SET JET PUMP, HOOK-UP JET PUMP, VESSEL AND FLOWBACK
15:00	17:30	2.50	P	FB	06	CIRC	SICP 40PSI, OPEN TO VESSEL AND FILL WITH FLUID, START UP JET PUMP AND CIRC FLUID AROUND WELL
17:30	18:30	1.00	P	FB	06	CIRC	DROP STANDING VALVE DN TBG, PUMP DN TBG AND SEAT STANDING VALVE IN JET PUMP HOUSING
18:30	19:30	1.00	P	FB	06	CIRC	DROP JET PUMP ASSEMBLY, PUMP DN TBG AND SEAT PUMP ASSEMBLY
19:30	20:00	0.50	P	FB	03	ALFT	START JETTING WELL, SHUT DN TO MAKE SOME ADJ ON PUMP

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 058
Report Date: 08/06/2011
Spud Date: 05/01/2011
Release Date:
DOE: 58 DOL: 32 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	6,905,761	0	6,905,761
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: TURN WELL OVER TO FLOW-BACK..

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (DRIVING ON LOC. / LSE ROADS)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 19 PSI, CK OPEN, 0 MCFD, 0 BOPD, 984 BWPD, TOR 0 BBLS, TFR 5717 BBLS, (2.89.%), CHL 80,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 300, INJ RATE 417 BWPD..
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (SPILL PREVENTION)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 21 PSI, CK OPEN, 0 MCFD, 0 BOPD, 795 BWPD, TOR 0 BBLS, TFR 6027 BBLS, (3.05.%), CHL 80,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 350, INJ RATE 446 BWPD..

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 059
Report Date: 08/07/2011
Spud Date: 05/01/2011
Release Date:
DOE: 59 DOL: 33 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	6,914,746	0	6,914,746
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: TURN WELL OVER TO FLOW-BACK..

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (EQUIPMENT INSPECTION)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 25 PSI, CK OPEN, 0 MCFD, 0 BOPD, 744 BWPD, TOR 0 BBLS, TFR 6337 BBLS, (3.20.%), CHL 59,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 350, INJ RATE 432 BWPD..
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (EYE PROTECTION)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 30 PSI, CK OPEN, 0 MCFD, 552 BOPD, 600 BWPD, TOR 115 BBLS, TFR 6640 BBLS, (3.36.%), CHL 59,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 610, INJ RATE 596 BWPD..

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 060
Report Date: 08/08/2011
Spud Date: 05/01/2011
Release Date:
DOE: 60 DOL: 34 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	6,923,731	0	6,923,731
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (RESPIRTORY PROTECTION)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 21 PSI, CK OPEN, 0 MCFD, 96 BOPD, 720 BWPD, TOR 177 BBLS, TFR 7038 BBLS, (3.56.%), CHL 59,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 980, INJ RATE 734 BWPD..
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (OVER THE COUNTER MEDS.)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 48 PSI, CK OPEN, 0 MCFD, 72 BOPD, 744 BWPD, TOR 215 BBLS, TFR 7440 BBLS, (3.77.%), CHL 58,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 1000, INJ RATE 748 BWPD..

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 061
Report Date: 08/09/2011
Spud Date: 05/01/2011
Release Date:
DOE: 61 DOL: 35 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	6,932,716	0	6,932,716
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA SAFETY MEETING (HAND PROTECTION)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 52 PSI, CK OPEN, TRACE MCFD, 24 BOPD, 1008 BWPD, TOR 229 BBLS, TFR 8024 BBLS, (4.06.%), CHL 58,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 1200, INJ RATE 820 BWPD..
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (FOOT / ANKLE PROTECTION)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 50 PSI, CK OPEN, TRACE MCFD, 24 BOPD, 1008 BWPD, TOR 241 BBLS, TFR 8439 BBLS, (4.27.%), CHL 58,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 1175, INJ RATE 835 BWPD..

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 062
Report Date: 08/10/2011
Spud Date: 05/01/2011
Release Date:
DOE: 62 DOL: 36 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	6,941,701	0	6,941,701
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (HOTWORK)
06:30	10:00	3.50	P	FB	23	PRDT	10:00, CP 52 PSI, CK OPEN, TRACE MCFD, 24 BOPD, 960 BWPD, TOR 246 BBLS, TFR 8683 BBLS, (4.40.%), CHL 58,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 1200, INJ RATE 835 BWPD..
10:00	18:00	8.00	N	FB	09	EQRP	JET PUMP (TRIPLEX) DOWN FOR REPAIRS.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (EVACUATION ROUTE)
18:30	00:00	5.50	N	FB	09	EQRP	JET PUMP (TRIPLEX) DOWN FOR REPAIRS.
00:00	00:01	0.02	P	FB	17	OPNW	OPEN WELL AND START INJECTION.
00:01	06:00	5.98	P	FB	23	PRDT	05:00, CP 32 PSI, CK OPEN, TRACE MCFD, 24 BOPD, 1104 BWPD, TOR 250 BBLS, TFR 8914 BBLS, (4.51.%), CHL 58,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 1280, INJ RATE 820 BWPD..

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 063
Report Date: 08/11/2011
Spud Date: 05/01/2011
Release Date:
DOE: 63 DOL: 37 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	6,950,686	0	6,950,686
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (TRAPPED PRESSURE)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 56 PSI, CK OPEN, TRACE MCFD, 24 BOPD, 1152 BWPD, TOR 262 BBLS, TFR 9523 BBLS, (4.70.%), CHL 57,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 1350, INJ RATE 878 BWPD..
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (SPIDERS, SNAKES)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 67 PSI, CK OPEN, TRACE MCFD, 24 BOPD, 1344 BWPD, TOR 273 BBLS, TFR 10125 BBLS, (5.13.%), CHL 57,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 1500, INJ RATE 936 BWPD..

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 064
Report Date: 08/12/2011
Spud Date: 05/01/2011
Release Date:
DOE: 64 DOL: 38 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	6,959,671	0	6,959,671
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (MSDS)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 68 PSI, CK OPEN, TRACE MCFD, 0 BOPD, 1392 BWPD, TOR 282 BBLS, TFR 10729 BBLS, (5.43.%), CHL 57,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 1490, INJ RATE 940 BWPD..
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (FIRST AID)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 83 PSI, CK OPEN, TRACE MCFD, 24 BOPD, 1344 BWPD, TOR 287 BBLS, TFR 11359 BBLS, (5.75.%), CHL 57,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 1425, INJ RATE 940 BWPD..

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 065
Report Date: 08/13/2011
Spud Date: 05/01/2011
Release Date:
DOE: 65 DOL: 39 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	6,968,656	0	6,968,656
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (ELECTRICAL SAFETY)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 86 PSI, CK OPEN, 44 MCFD, 24 BOPD, 1392 BWPD, TOR 295 BBLS, TFR 12099 BBLS, (6.13.%), CHL 57,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 1450, INJ RATE 940 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (FLASHOVER)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 84 PSI, CK OPEN, 52 MCFD, 24 BOPD, 1344 BWPD, TOR 301 BBLS, TFR 12721 BBLS, (6.44.%), CHL 57,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 1500, INJ RATE 940 BWPD.

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 066
Report Date: 08/14/2011
Spud Date: 05/01/2011
Release Date:
DOE: 66 DOL: 40 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	6,977,641	0	6,977,641
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (INCIDENT REPORTING)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 64 PSI, CK OPEN, 28 MCFD, 48 BOPD, 1248 BWPD, TOR 314 BBLS, TFR 13399 BBLS, (6.78.%), CHL 57,000 PPM, CO2 0%, H2S 0 PPM, INJ PRESS 1475, INJ RATE 930 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (COMMUNICATION)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 70 PSI, CK OPEN, 62 MCFD, 24 BOPD, 1152 BWPD, TOR 328 BBLS, TFR 13961 BBLS, (7.07.%), CHL 57,000 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 1490, INJ RATE 960 BWPD.

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 067
Report Date: 08/15/2011
Spud Date: 05/01/2011
Release Date:
DOE: 67 DOL: 41 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	6,986,626	0	6,986,626
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (OIL TRANSFERS)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 98 PSI, CK OPEN, 37 MCFD, 24 BOPD, 1104 BWPD, TOR 346 BBLS, TFR 14417 BBLS, (7.30.%), CHL 59,000 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 1600, INJ RATE 980 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (TRUCK BACKING)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 36 PSI, CK OPEN, 1 MCFD, 0 BOPD, 264 BWPD, TOR 351 BBLS, API 36.3, TFR 14622 BBLS, (7.40.%), CHL 59,000 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 1075, INJ RATE 840 BWPD.

Daily Operations Comments:

NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 068
Report Date: 08/16/2011
Spud Date: 05/01/2011
Release Date:
DOE: 68 DOL: 42 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	6,995,611	0	6,995,611
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (FORKLIFT, MANLIFT)
06:30	10:00	3.50	P	FB	23	PRDT	09:00, CP 36 PSI, CK OPEN, 0 MCFD, 0 BOPD, 264 BWPD, TOR 351 BBLS, API 36.3, TFR 14674 BBLS, (7.43.%), CHL 59,000 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 1090, INJ RATE 840 BWPD.
10:00	12:00	2.00	N	FB	09	EQRP	REPAIR JET PUMP
12:00	17:30	5.50	P	FB	23	PRDT	17:00, CP 55 PSI, CK OPEN, 48 MCFD, 48 BOPD, 840 BWPD, TOR 363 BBLS, API 36.3, TFR 14838 BBLS, (7.51.%), CHL 59,000 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 1850, INJ RATE 815 BWPD.
17:30	18:00	0.50	N	FB	09	EQRP	REPAIR JET PUMP
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (SLIPS, TRIPS, FALLS)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 125 PSI, CK OPEN, 137 MCFD, 120 BOPD, 1392 BWPD, TOR 441 BBLS, API 36.3, TFR 15365 BBLS, (7.78.%), CHL 59,000 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 2750, INJ RATE 1340 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JEERY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 069
Report Date: 08/17/2011
Spud Date: 05/01/2011
Release Date:
DOE: 69 DOL: 43 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 11' 32.750 N
Long: 101° 28' 21.300 E

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	7,004,596	0	7,004,596
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (HAND TOOLS)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 115 PSI, CK OPEN, 108 MCFD, 336 BOPD, 1176 BWPD, TOR 634 BBLS, API 35.8, TFR 15986 BBLS, 8.09.%), CHL 60,400 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 2800, INJ RATE 1326 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (SUSPENDED LOADS)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 123 PSI, CK OPEN, 100 MCFD, 240 BOPD, 1248 BWPD, TOR 767 BBLS, API 35.2, TFR 16514 BBLS, 8.36.%), CHL 60,400 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3050, INJ RATE 1360 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: GARY WILHITE / GARY WILHITE
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 070
Report Date: 08/18/2011
Spud Date: 05/01/2011
Release Date:
DOE: 70 DOL: 44 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	8,985	0	8,985
Cum Cost($)	0	7,162,429	0	7,162,429
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA SAFETY MEETING (HEARING CONSERVATION)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 114 PSI, CK OPEN, 108 MCFD, 216 BOPD, 1248 BWPD, TOR 898 BBLS, API 33.9, TFR 17178 BBLS, 8.70.%), CHL 63,998 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3100, INJ RATE 1425 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA SAFETY MEETING (BODY POSITIONING)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 116 PSI, CK OPEN, 109 MCFD, 192 BOPD, 1296 BWPD, TOR 991 BBLS, API 33.9, TFR 17746 BBLS, 8.99.%), CHL 63,998 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3275, INJ RATE 1420 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
201	LAND TRANSPORTATION	3,255
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: GARY WILHITE / GARY WILHITE
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 096
Report Date: 09/13/2011
Spud Date: 05/01/2011
Release Date:
DOE: 96 DOL: 70 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,030	0	6,030
Cum Cost($)	0	7,135,696	0	7,135,696
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA SAFETY MEETING (DRIVING ON LEASE ROADS)
06:30	18:00	11.50	P	FB	23	PRDT	JET PUMP DOWN FOR REPAIRS 18:00, CP 0 PSI, CK OPEN, 0 MCFD, 48 BOPD, 384 BWPD, TOR 4122 BBLS, API 36.4., TFR 38991 BBLS, 19.74%), CHL 66,370 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 0, INJ RATE 0 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA SAFETY MEETING (RESPIRATORY PROTECTION)
18:30	06:00	11.50	P	FB	28	SFTYMTG	05:00, CP 130 PSI, CK OPEN, 254 MCFD, 72 BOPD, 600 BWPD, TOR 4151 BBLS, API 37.7., TFR 39245 BBLS, 19.87%), CHL 66,370 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3400, INJ RATE 1520 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	900
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 097
Report Date: 09/14/2011
Spud Date: 05/01/2011
Release Date:
DOE: 97 DOL: 71 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,030	0	6,030
Cum Cost($)	0	7,141,726	0	7,141,726
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (FALL PROTECTION)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 130 PSI, CK OPEN, 264 MCFD, 120 BOPD, 624 BWPD, TOR 4193 BBLS, API 38., TFR 39584 BBLS, 20.04%), CHL 64,000 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3350, INJ RATE 1540 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (COMMUNICATION AND REPORTING)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 130 PSI, CK OPEN, 259 MCFD, 72 BOPD, 600 BWPD, TOR 4224 BBLS, API 38., TFR 39856 BBLS, 20.18%), CHL 64,000 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3350, INJ RATE 1540 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	900
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 098
Report Date: 09/15/2011
Spud Date: 05/01/2011
Release Date:
DOE: 98 DOL: 72 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,030	0	6,030
Cum Cost($)	0	7,147,756	0	7,147,756
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (HEAT STRESS)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 130 PSI, CK OPEN, 259 MCFD, 48 BOPD, 600 BWPD, TOR 4258 BBLS, API 38., TFR 40180 BBLS, 20.34%), CHL 62,800 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3360, INJ RATE 1540 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (AT RISK BEHAVIORS)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 130 PSI, CK OPEN, 252 MCFD, 48 BOPD, 528 BWPD, TOR 4292 BBLS, API 38., TFR 40441 BBLS, 20.48%), CHL 62,800 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3250, INJ RATE 1540 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	900
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 099
Report Date: 09/16/2011
Spud Date: 05/01/2011
Release Date:
DOE: 99 DOL: 73 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	12,415	0	12,415
Cum Cost($)	0	7,160,171	0	7,160,171
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (FORKLIFT, MANLIFT)
06:30	10:00	3.50	P	FB	23	PRDT	10:00, CP 125 PSI, CK OPEN, 257 MCFD, 48 BOPD, 504 BWPD, TOR 4304 BBLS, API 38., TFR 40546 BBLS, 20.53%), CHL 62,800 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3125, INJ RATE 1500 BWPD.
10:00	12:00	2.00	N	FB	59	EQFAIL	REPAIR PACKING IN JET PUMP SYSTEM
12:00	18:00	6.00	P	FB	23	PRDT	18:00, CP 130 PSI, CK OPEN, 257 MCFD, 48 BOPD, 576 BWPD, TOR 4327 BBLS, API 38., TFR 40674 BBLS, 20.59%), CHL 62,800 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3275, INJ RATE 1520 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (TRAPPED PRESSURE)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 130 PSI, CK OPEN, 249 MCFD, 72 BOPD, 676 BWPD, TOR 4352 BBLS, API 38., TFR 40949 BBLS, 20.73%), CHL 64,000 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3275, INJ RATE 1530 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
131	FUEL	6,385
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	900
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 100
Report Date: 09/17/2011
Spud Date: 05/01/2011
Release Date:
DOE: 100 DOL: 74 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,030	0	6,030
Cum Cost($)	0	7,166,201	0	7,166,201
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (ORIENTATION REVIEW)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 125 PSI, CK OPEN, 253 MCFD, 96 BOPD, 576 BWPD, TOR 4393 BBLS, API 37.7., TFR 41,188 BBLS, 20.85%), CHL 66,000 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3250, INJ RATE 1510 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (HAND TOOLS)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 125 PSI, CK OPEN, 257 MCFD, 96 BOPD, 528 BWPD, TOR 4423 BBLS, API 37.7., TFR 41,514 BBLS, 21.02%), CHL 66,000 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3250, INJ RATE 1510 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	900
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 101
Report Date: 09/18/2011
Spud Date: 05/01/2011
Release Date:
DOE: 101 DOL: 75 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,030	0	6,030
Cum Cost($)	0	7,172,231	0	7,172,231
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (REFUELING EQUIPMENT)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 125 PSI, CK OPEN, 247 MCFD, 120 BOPD, 552 BWPD, TOR 4468 BBLS, API 38.1., TFR 41,809 BBLS, 21.17%), CHL 67,500 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3275, INJ RATE 1520 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (PACE OF WORK)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 125 PSI, CK OPEN, 235 MCFD, 48 BOPD, 528 BWPD, TOR 4494 BBLS, API 38.1., TFR 42,055 BBLS, 21.29%), CHL 67,500 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3250, INJ RATE 1520 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	900
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 102
Report Date: 09/19/2011
Spud Date: 05/01/2011
Release Date:
DOE: 102 DOL: 76 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,030	0	6,030
Cum Cost($)	0	7,178,261	0	7,178,261
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (HOT WORK)
06:30	11:00	4.50	P	FB	23	PRDT	11:00, CP 125 PSI, CK OPEN, 247 MCFD, 72 BOPD, 528 BWPD, TOR 4509 BBLS, API 38.2., TFR 42,187 BBLS, 21.36%), CHL 67,500 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3250, INJ RATE 1520 BWPD.
11:00	13:00	2.00	N	FB	59	EQFAIL	JET PUMP DOWN FOR REPAIRS
13:00	18:00	5.00	P	FB	23	PRDT	18:00, CP 125 PSI, CK OPEN, 250 MCFD, 48 BOPD, 552 BWPD, TOR 4538 BBLS, API 38.2., TFR 42,312 BBLS, 21.42%), CHL 67,500 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3300, INJ RATE 1530 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (SPILL CONTROL)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 125 PSI, CK OPEN, 253 MCFD, 48 BOPD, 432 BWPD, TOR 4564 BBLS, API 38.2., TFR 42,532 BBLS, 21.53%), CHL 67,500 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3300, INJ RATE 1530 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	900
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 103
Report Date: 09/20/2011
Spud Date: 05/01/2011
Release Date:
DOE: 103 DOL: 77 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,030	0	6,030
Cum Cost($)	0	7,184,291	0	7,184,291
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (RIGGING IRON)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 125 PSI, CK OPEN, 242 MCFD, 48 BOPD, 408 BWPD, TOR 4592 BBLS, API 37.4, TFR 42,756 BBLS, 21.65%), CHL 67,500 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3325, INJ RATE 1530 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (ENERGIZED LINES)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 125 PSI, CK OPEN, 247 MCFD, 96 BOPD, 408 BWPD, TOR 4598 BBLS, API 37.4, TFR 42,809 BBLS, 21.74%), CHL 67,500 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3300, INJ RATE 1520 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	900
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 104
Report Date: 09/21/2011
Spud Date: 05/01/2011
Release Date:
DOE: 104 DOL: 78 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	5,430	0	5,430
Cum Cost($)	0	7,189,721	0	7,189,721
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (TRANSFERRING FLUIDS)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 125 PSI, CK OPEN, 250 MCFD, 96 BOPD, 408 BWPD, TOR 4661 BBLS, API 37.4, TFR 43,163 BBLS, 21.85%), CHL 67,500 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3350, INJ RATE 1530 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (PRESSURE CONTROL)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 125 PSI, CK OPEN, 237 MCFD, 72 BOPD, 384 BWPD, TOR 4696 BBLS, API 37.4, TFR 43,343 BBLS, 21.95%), CHL 67,500 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3350, INJ RATE 1530 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
123	CAMP AND CATERING	605
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	300
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 106
Report Date: 09/23/2011
Spud Date: 05/01/2011
Release Date:
DOE: 106 DOL: 80 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	4,825	0	4,825
Cum Cost($)	0	7,203,917	0	7,203,917
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (HOUSEKEEPING)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 125 PSI, CK OPEN, 242 MCFD, 48 BOPD, 408 BWPD, TOR 4799 BBLS, API 37.5, TFR 43,934 BBLS, 22.24%), CHL 68,700 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3250, INJ RATE 1530 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (COMMUNICATION)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 125 PSI, CK OPEN, 240 MCFD, 48 BOPD, 384 BWPD, TOR 4826 BBLS, API 37.5, TFR 44,116 BBLS, 22.34%), CHL 68,700 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3250, INJ RATE 1530 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	300
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 107
Report Date: 09/24/2011
Spud Date: 05/01/2011
Release Date:
DOE: 107 DOL: 81 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	4,825	0	4,825
Cum Cost($)	0	7,208,742	0	7,208,742
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (SPILL CONTROL)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 120 PSI, CK OPEN, 242 MCFD, 48 BOPD, 360 BWPD, TOR 4856 BBLS, API 37.6, TFR 44,325 BBLS, 22.44%), CHL 68,700 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3275, INJ RATE 1530 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (ELECTRICAL SAFETY)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 120 PSI, CK OPEN, 240 MCFD, 48 BOPD, 360 BWPD, TOR 4883 BBLS, API 37.6, TFR 44,493 BBLS, 22.53%), CHL 68,700 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3250, INJ RATE 1530 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	300
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 108
Report Date: 09/25/2011
Spud Date: 05/01/2011
Release Date:
DOE: 108 DOL: 82 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	4,825	0	4,825
Cum Cost($)	0	7,213,567	0	7,213,567
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (SLIPS, TRIPS AND FALLS)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 120 PSI, CK OPEN, 237 MCFD, 72 BOPD, 408 BWPD, TOR 4909 BBLS, API 37.2, TFR 44,700 BBLS, 22.63%), CHL 68,700 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3325, INJ RATE 1530 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (NIGHT OPERATIONS)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 120 PSI, CK OPEN, 230 MCFD, 72 BOPD, 360 BWPD, TOR 4943 BBLS, API 37.2, TFR 44,872 BBLS, 22.72%), CHL 68,700 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3300, INJ RATE 1530 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	300
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 109
Report Date: 09/26/2011
Spud Date: 05/01/2011
Release Date:
DOE: 109 DOL: 83 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	4,825	0	4,825
Cum Cost($)	0	7,218,392	0	7,218,392
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (FORKLIFT, MANLIFT)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 120 PSI, CK OPEN, 235 MCFD, 48 BOPD, 384 BWPD, TOR 4977 BBLS, API 37.2, TFR 45,075 BBLS, 22.82%), CHL 68,700 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3325, INJ RATE 1530 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (AT RISK BEHAVIORS)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 120 PSI, CK OPEN, 240 MCFD, 72 BOPD, 360 BWPD, TOR 5003 BBLS, API 37.2, TFR 45,240 BBLs, 22.91%), CHL 68,700 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3290, INJ RATE 1530 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	300
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JERRY GOSA / JERRY GOSA
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 110
Report Date: 09/27/2011
Spud Date: 05/01/2011
Release Date:
DOE: 110 DOL: 84 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 2 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	4,825	0	4,825
Cum Cost($)	0	7,223,217	0	7,223,217
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: FLOWBACK WELL

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (PACE OF WORK)
06:30	18:00	11.50	P	FB	23	PRDT	18:00, CP 120 PSI, CK OPEN, 249 MCFD, 48 BOPD, 432 BWPD, TOR 5030 BBLS, API 37.2, TFR 45,439 BBLs, 23.01%), CHL 68,700 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3300, INJ RATE 1530 BWPD.
18:00	18:30	0.50	P	FB	28	SFTYMTG	JSA, SAFETY MEETING (TRAPPED PRESSURE)
18:30	06:00	11.50	P	FB	23	PRDT	05:00, CP 120 PSI, CK OPEN, 235 MCFD, 24 BOPD, 360 BWPD, TOR 5055 BBLS, API 37.9, TFR 45,591 BBLs, 23.08%), CHL 68,700 PPM, CO2 1%, H2S 0 PPM, INJ PRESS 3300, INJ RATE 1530 BWPD.

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
155	OFFICE, SEWAGE AND MISC. RENTALS	325
195	WELL TESTING & SERVICES	3,500
212	SUPERVISION-CONTRACT	300
241	OTHER CONTRACT LABOR	700

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
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	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: SCOTTY ALMS
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 129
Report Date: 11/04/2011
Spud Date: 05/01/2011
Release Date:
DOE: 148 DOL: 103 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 0 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,975	0	6,975
Cum Cost($)	0	7,408,177	0	7,408,177
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: TURN OVER TO PRODUCTION.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:15	1.25	P	INARTLT	28	SFTYMTG	WAITING ON DAYLIGHT - HAVE SAFETY MEETING
07:15	09:45	2.50	P	INARTLT	03	ALFT	LOAD OUO BASE BEAM TRAVEL TO 11-18-1H.
09:45	11:30	1.75	P	MIRU	01	MIRU	MOVE IN BASE BEAM, RIG UP WOR.
11:30	15:30	4.00	P	PRDHEQ	58	DHEQF	RE-SPACE RODS, TAG SEAT NIPPLE , UNSEATED PUMP. LAY DOWN POLISH ROS.PU 2X1" RODS. TAG SEATING NIPPLE AGAIN. "MARK" ROD AT TAG POINT. LAY DOWN 2 RODS,GOT NEW MEASUREMENTS,PU SPACED OUT WITH 2FTX1" SUB. PU POLISH ROD AND RE-SEAED PUMP. PUMP 14BBL FSW, TEST TO 500PSI FOE 5 MIN.
15:30	16:30	1.00	P	INARTLT	03	ALFT	RIG DOWN WOR
16:30	17:30	1.00	P	INARTLT	03	ALFT	ROAD RIG TO 8-12-3H
17:30	06:00	12.50	P	INARTLT	03	ALFT	RDFN WAITING TO START 8-12-3H

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
125	RIG - DAYRATE	5,075
162	PUMPING SERVICES	650
212	SUPERVISION-CONTRACT	1,250

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: SCOTTY ALMS
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 130
Report Date: 11/17/2011
Spud Date: 05/01/2011
Release Date:
DOE: 161 DOL: 104 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 0 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	6,975	0	6,975
Cum Cost($)	0	7,415,152	0	7,415,152
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: TURN OVER TO PRODUCTION.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
125	RIG - DAYRATE	5,075
162	PUMPING SERVICES	650
212	SUPERVISION-CONTRACT	1,250

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JIM WILSON
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 132
Report Date: 11/19/2011
Spud Date: 05/01/2011
Release Date:
DOE: 163 DOL: 106 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 9 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	10,825	0	10,825
Cum Cost($)	0	7,436,852	0	7,436,852
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: PUMP BAKER CHEM TO EOT, CONTINUE TO TIH WITH GAS ANCHOR ASSY AND RUN PUMP & RODS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	PRDHEQ	28	SFTYMTG	SAFETY MEETING WITH RIG CREW ON DAILY ACTIVITIES(TOPIC RUNNING TUBING AND DOWN HOLE ROD PUMP)
06:30	07:30	1.00	P	PRDHEQ	44	WOD	WAIT ON DAYLIGHT, HIGH WINDS
07:30	11:00	3.50	P	PRDHEQ	39	TRIP	AT DAYLIGHT, RIG AGREES TO RUN REMAINING TUBING-WILL CHECK WIND LATER TO RUN RODS
11:00	12:00	1.00	P	PRDHEQ	06	CIRC	PUMP BAKER SOLVENT DOWN TUBING WITH 12 VOLT BARREL PUMP (4 DRUMS) 6PPG FLUID
12:00	15:00	3.00	P	PRDHEQ	16	NUND	N/D BOPS-N/U B-1 ADAPTER ON2 7/8 TUBING, LAND AND TORQUE, HIGH WINDS VARIBLE (GUSTING)
15:00	16:00	1.00	P	PRDHEQ	28	SFTYMTG	ROTATING MEDIC ON LOCATION DUE TO WESTERN WOLF CAMP RIG SHUT DOWN DUE TO WINDS (RIG UP TO RUN RODS IF WEATHER PERMITS, JSA-TOPICS AND CONSIDERATION (WINDS BLOWING BLOCK INTO DERRICK MAN, SAFETY CONDITIONS FOR RUNING RODS)
16:00	17:30	1.50	P	PRDHEQ	39	TRIP	RIG AGREES WIND SPEED AND DIRECTION CONDITIONS OK TO ATTEMPT TO RUN RODS-RUN 1/2 STRING OF RODS AND SDFN
17:30	18:00	0.50	P	PRDHEQ	44	WOD	SHUT IN WELL, SHUT DOWN FOR LIGHT, CONSULT HOUSTON ON NEXT DAY-(PUMPING BAKER CHEMICAL TO END OF TUBING)
18:00	06:00	12.00	P	PRDHEQ	44	WOD	WAIT ON DAYLIGHT (DAYLIGHT WOR)

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
125	RIG - DAYRATE	5,075
154	WELL CONTROL RENTALS	650
162	PUMPING SERVICES	1,200
212	SUPERVISION-CONTRACT	1,300
242	BOP/WELLHEAD TESTING	2,600

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments

Daily Operations Report Onshore

Well Name/Wellbore No.: UNIVERSITY 11-18 NO. 1H/OH

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: JIM WILSON
Engineer/Manager: KENNEDY / ALLEN GRUBB

Report Number: 133
Report Date: 11/20/2011
Spud Date: 05/01/2011
Release Date:
DOE: 164 DOL: 107 AFE Days:
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat:
Long:

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,725.01
2,703.0
POB: 7 Manhours: 0.00

	Drlg	Comp	FAC	Total
AFE #:		149880/42021		
Day Cost($):	0	7,575	0	7,575
Cum Cost($)	0	7,444,427	0	7,444,427
AFE($):	2,265,738	5,692,000	399,000	8,356,738

Current Activity:
24 Hr Summary:
24 Hr Forecast: MOVE TO 43-18 AND PULL TUBING TO CHECK ACCELERATED JET PUMP

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	PRDHEQ	28	SFTYMTG	SAFETY MEETING WITH RIG CREW AND PUMP OPERATOR(TOPIC- PUMPING BAKER SOLVENT OUT OF END OF TUBING, FINISH RUNNING RODS / SPACE OUT RODS AND TEST BHA
06:30	07:30	1.00	P	PRDHEQ	44	WOD	WAIT ON DAYLIGHT PREPARE TO PUMP CHEMICAL DOWN TUBING
07:30	09:30	2.00	P	PRDHEQ	06	CIRC	PUMP BAKER SOLVENT OUT END OF TUBING, (TO LET SOAK UNTIL ROTOFLEX IS MOVED FOR PUMPING OPERATIONS) PUMP 1 BPM --"0" PRESSURE ON TUBING AND "0" PRESSURE ON CASING TOTAL FLUID BEHIND CHEMICAL 50 BBLS (TUBING VOLUME = 38 BBLS & 12 BBLS DOWNHOLE EXTRA
09:30	13:00	3.50	P	PRDHEQ	39	TRIP	FINISH RUNNING RODS, SPACE OUT AND PREPARE TO TEST BHA
13:00	14:00	1.00	P	INARTLT	08	DHEQ	VOLUME TEST AND LONG STROKE TEST OF DOWNHOLE PUMP WITNESSED BY FIELD PRODUCTION OPERATOR
14:00	15:00	1.00	P	RDMO	02	RDMO	RD WOR AND LAY DOWN TO MOVE TOMORROW 43-18
15:00	17:00	2.00	P	SITEPRE	30	SEQP	INSTALL OPPOSITE SIDE CASING BALL VALVE AS REQUESTED TO FACILITATE FLUID LEVEL MONITORING ON CASING & WELL (SECURE AND SHUT IN WELL TO WAIT ON WEATHERFORD MOVING ROTOFLEX UNIT 21-22/NOV/2011
17:00	06:00	13.00	P	RDMO	02	RDMO	WAIT ON DAYLIGHT TO MOVE LOCATIONS UL 43-18

Daily Operations Comments:
NO INCIDENTS OR ACCIDENTS, NO SPILLS OR POLLUTION, HELD SAFATY AND JSA MEETINGS WITH ALL PERSONNEL, NO OFFICIAL VISITS

DAILY COSTS

Code	Description	Cost
125	RIG - DAYRATE	5,075
162	PUMPING SERVICES	1,200
212	SUPERVISION-CONTRACT	1,300

FLUIDS

Fluids Co:
Fluids Eng:
Pit Temp:
Density:
Brine Type:
Gel Type:
Viscosity:
Nitrogen:
NTU:

FLOWBACK

Gas Rate:
Choke Size:
Avg. Tbg. Press:
Avg. Csg. Press:
Fluid Rate (Water):
Fluid Rate (Oil):
Tot. Load Recovered:

CASING

Size(in)	MD(ft)/TVD(ft)	LOT(ppg)
	/	
	/	
	/	
	/	
	/	0.00
13.375	863.40 / 863.40	10.81

COMPLETION STRING DETAILS

Down Hole Tool Co: Tool Sup:

Qty	Description	ID	OD	Top Set

PERFORATIONS

Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments