

EP ENERGY

Daily Operations

Report Onshore

Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: DREXEL THORNTON / N/A
Engineer/Manager: ELLIS, PRESTON / LLOYD BARRY

Report Number: 001
Report Date: 11/14/2014
Spud Date: 10/13/2014
Release Date:
DOE: 31
Last BOP T.:
Safety & Environmental Incident: No

DOL: 1
AFE Days: 3.00
CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 8' 28.72592 N
Long: 101° 32' 32.63600 W

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,804.01
Ground Elevation (ft) 2,779.0
POB: 12
Manhours: 92.00

AFE #:

Day Cost(\$):

Cum Cost(\$)

AFE(\$):

Drig

Comp

FAC

Total

162307/52116

0

0

1,807,485

30,325

30,325

4,959,900

335,000

7,102,385

Current Activity: N/U B-SECTION
24 Hr Summary: MIRU CC FORBES W/O RIG # 173 UNLOAD PIPE
24 Hr Forecast: N/U BOP RIH WITH STAGE RIDER PRESSURE GAUGE AND 2-7/8" TUBING

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
08:00	08:30	0.50	P	MIRU	28	SFTYMTG	HSM REVIEW JSA (BACKING AND SPOTTING EQUIPMENT)
08:30	09:30	1.00	P	MIRU	18	OTHR	FINISH PREPARING RIG FOR MOVE TO THE UL 11-35 EH FROM THE UL 08-24 DH
09:30	10:15	0.75	P	MIRU	18	OTHR	TRAVEL TO UL 11-35 EH
10:15	17:00	6.75	P	MIRU	01	MIRU	MIRU CC FORBES # 173 W/O RIG SPOT PUMP AND TANK UN LOAD 255 JNTS YELLOW BAND TUBING FROM BIG LAKE YARD SDRN. INSTALL B-SECTION AM

Daily Operations Comments:

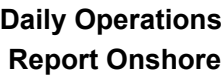
DAILY COSTS			FLUIDS		COMPLETION STRING DETAILS				
Code	Description	Cost	Fluids Co:		Down Hole Tool Co:			Tool Sup:	
125	DRILLING/SERVICE RIG - DAYRATE	6,000	Fluids Eng:		Qty	Description	ID	OD	Top Set
125	DRILLING/SERVICE RIG - DAYRATE	6,600	Pit Temp:						
			Density:						
			Brine Type:						
			Gel Type:						
155	OFFICE, SEWAGE AND MISC RENTALS	700	Viscosity:						
157	SAFETY/MEDICAL	1,000	Nitrogen:						
201	LAND TRANSPORTATION	500	NTU:						
201	LAND TRANSPORTATION	1,955							
			FLOWBACK						
201	LAND TRANSPORTATION	2,470	Gas Rate:						
201	LAND TRANSPORTATION	1,100	Choke Size:						
212	SUPERVISION - CONTRACT	2,000	Avg. Tbg. Press:						
212	SUPERVISION - CONTRACT	5,000	Avg. Csg. Press:						
212	SUPERVISION - CONTRACT	3,000	Fluid Rate (Water):						
			Fluid Rate (Oil):						
			Tot. Load Recovered:						
			CASING						
			Size(in)	MD(ft)/TVD(ft)	LOT(ppg)				
				/					
			13.375	65.00 / 65.00					
			9.625	/ 984.00					

PERFORATIONS

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

Printed: 11/15/2014 8:11:24AM

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Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Report Number: 001
Report Date: 11/14/2014
Spud Date: 10/13/2014
Release Date:
DOE: 31 DOL: 1 AFE Days: 3.00
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,804.01
Ground Elevation (ft) 2,779.0
POB: 12 Manhours: 92.00

	Drig	Comp	FAC	Total
AFE #:		162307/52116		
Day Cost(\$):	0	23,325	0	23,325
Cum Cost(\$)	0	23,325	0	23,325
AFE(\$):	1,807,485	4,959,900	335,000	7,102,385

Current Activity: N/U B-SECTION
24 Hr Summary: MIRU CC FORBES W/O RIG # 173 UNLOAD PIPE
24 Hr Forecast: N/U BOP RIH WITH STAGE RIDER PRESSURE GAUGE AND 2-7/8" TUBING

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
08:00	08:30	0.50	P	MIRU	28	SFTYMTG	HSM REVIEW JSA (BACKING AND SPOTTING EQUIPMENT)
08:30	09:30	1.00	P	MIRU	18	OTHR	FINISH PREPARING RIG FOR MOVE TO THE UL 11-35 EH FROM THE UL 08-24 DH
09:30	10:15	0.75	P	MIRU	18	OTHR	TRAVEL TO UL 11-35 EH
10:15	17:00	6.75	P	MIRU	01	MIRU	MIRU CC FORBES # 173 W/O RIG SPOT PUMP AND TANK UN LOAD 255 JNTS YELLOW BAND TUBING FROM BIG LAKE YARD SDRN. INSTALL B-SECTION AM

Daily Operations Comments:

DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS				
Code	Description	Cost	Fluids Co:			Down Hole Tool Co:		Tool Sup:		
125	DRILLING/SERVICE RIG - DAYRATE	6,600	Fluids Eng:			Qty	Description	ID	OD	Top Set(ft)
155	OFFICE, SEWAGE AND MISC RENTALS	700	Pit Temp:			1	HANGER			2,804.01
			Density:			1	1 JT 2 7/8" TUBING 8RD EUE	2.441	3.625	2,804.51
			Brine Type:			1	2 7/8" PUP	2.441	3.625	2,837.26
			Gel Type:			240	2 7/8" TUBING 8RD EUE	2.441	3.625	2,847.36
			Viscosity:				2 7/8" GAUGE CARRIER ASSEMBLY	2.441	4.570	10,432.87
201	LAND TRANSPORTATION	500	Nitrogen:			1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.441	4.180	10,441.43
201	LAND TRANSPORTATION	1,955	NTU:			1	2 7/8" TUBING 8RD EUE	2.441	3.625	10,442.23
201	LAND TRANSPORTATION	2,470	FLOWBACK			ON/OFF TOOL				
201	LAND TRANSPORTATION	1,100	Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:			2.313				
201	SUPERVISION - CONTRACT	2,000				3.188				
212	SUPERVISION - CONTRACT	5,000				4.625				
212	SUPERVISION - CONTRACT	3,000				10,474.93				
212	SUPERVISION - CONTRACT	3,000				10,476.24				
			CASING							
			Size(in)	MD(ft)/TVD(ft)	LOT(ppg)					
			13.375	65.00 / 65.00						
			9.625	/ 984.00						

PERFORATIONS

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



Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Report Number: 002
Report Date: 11/15/2014
Spud Date: 10/13/2014
Release Date:
DOE: 32 DOL: 2 AFE Days: 3.00
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,804.01
Ground Elevation (ft) 2,779.0
POB: 22 Manhours: 222.75

	Drig	Comp	FAC	Total
AFE #:		162307/52116		
Day Cost(\$):	0	29,472	0	29,472
Cum Cost(\$)	0	59,797	0	59,797
AFE(\$):	1,807,485	4,959,900	335,000	7,102,385

Current Activity:	TIH W/ COMPLETION STRING
24 Hr Summary:	NU B SECTION, NU AND TEST BOP, TIH W/ PRK, POOH, TIH W/ COMPETION STRING
24 Hr Forecast:	FINISH IN HOLE W/ COMPLETION STRING, ND, NU, SHIFT SLEEVE, RDMO, AWAITING FRAC OPERATIONS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WOR	44	WOD	WAITING ON DAYLIGHT
06:30	07:00	0.50	P	WOR	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S WITH DAY CREW ON OPERATIONS
07:00	10:00	3.00	P	WOR	16	NUND	NU "B" SECTION TEST TO 4200 PSI, NU BOPS TEST 250 PSI LOW- 5000 PSI HIGH, ALL TESTS GOOD
10:00	12:00	2.00	P	WOR	18	OTHR	RU RIG RIG FLOOR, LOAD PIPE RACK WITH TUBING AND CLEANED THREADS ON COLLARS AND PINS
12:00	16:00	4.00	N	WOR	59	EQFAIL	EATONS LAYDOWN MACHINE BROKEDOWN
16:00	17:30	1.50	P	WOR	24	PULD	INSTALL MUELER HEAD, PU RIH W/ A1X PACKER, ON/ OFF TOOL
17:30	18:00	0.50	P	WOR	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S WITH NIGHT CREW ON OPERATIONS
18:00	20:30	2.50	P	WOR	24	PULD	CONTINUE IN HOLE WITH PACKER
20:30	21:15	0.75	P	WOR	18	OTHR	LOADED PIPE RACK WITH NEXT ROW OF TUBING, TALLIED TUBING, AND CLEANED THE THREADS ON COLLAR AND PINS
21:15	22:15	1.00	P	WOR	24	PULD	CONTINUE IN HOLE WITH PACKER, SET PACKER @ 7640', RELEASED ON/ OFF TOOL
22:15	01:15	3.00	P	WOR	39	TRIP	TOH W/ 2 7/8 L-80 STANDING BACK IN DERRICK
01:15	02:10	0.92	P	MIRU	01	MIRU	MIRU SAGE RIDER GUAGE LINE SPOOL AND SHIV
02:10	05:30	3.33	P	WOR	25	RCST	MU TIH W/ ON/OFF TOOL, 1 JT 2 7/8" 6.5 PPF 8RD L-80 TUBING, 2 7/8" PRESSURE PORT/ TRANSFER SUB, 2 7/8" GUAGE CARRIER ASSEMBLY, AND XXX JTS 2 7/8 TUBING W/ EXTERIOR TEC CABLE STRAPPED PER SAGE RIDER SPECS
05:30	06:00	0.50	P	WOR	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S WITH DAY CREW ON OPERATIONS

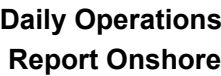
Daily Operations Comments:

DAILY COSTS			FLUIDS		COMPLETION STRING DETAILS				
Code	Description	Cost	Fluids Co:		Down Hole Tool Co:		Tool Sup:		
125	DRILLING/SERVICE RIG - DAYRATE	2,790	Fluids Eng:		Qty	Description	ID	OD	Top Set
125	DRILLING/SERVICE RIG - DAYRATE	12,720	Pit Temp:						
			Density:						
154	WELL CONTROL RENTALS	150	Brine Type:						
154	WELL CONTROL RENTALS	832	Gel Type:						
155	OFFICE, SEWAGE AND MISC RENTALS	700	Viscosity:						
157	SAFETY/MEDICAL	1,000	Nitrogen:						
201	LAND TRANSPORTATION	700	NTU:						
			FLOWBACK						
			Gas Rate:						
			Choke Size:						
212	SUPERVISION - CONTRACT	2,500	Avg. Tbg. Press:						
212	SUPERVISION - CONTRACT	3,000	Avg. Csg. Press:						
212	SUPERVISION - CONTRACT	2,000	Fluid Rate (Water):						
242	BOP/WELLHEAD TESTING	1,850	Fluid Rate (Oil):						
242	BOP/WELLHEAD TESTING	1,230	Tot. Load Recovered:						
			CASING						
			Size(in)	MD(ft)/TVD(ft)	LOT(ppg)				
				/					
			13.375	65.00 / 65.00					
			9.625	/ 984.00					

PERFORATIONS

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

<div><div>EP ENERGY</div><div>Daily Operations Report Onshore</div></div>			Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00			Report Number: 002 Report Date: 11/15/2014 Spud Date: 10/13/2014 Release Date: DOE: 32 DOL: 2 AFE Days: 3.00 Last BOP T.: CSG Test: Safety & Environmental Incident: No				
Event: COMPLETION LAND			Rig:			Drig		Comp	FAC	Total
Safety Meeting Topic:			Rig Phone:			AFE #:		162307/52116		
Location: Lat: 31° 8' 28.72592 N			RKB (Sea Level) (ft): 2,804.01			Day Cost(\$):		0 31,122		0 31,122
Long: 101° 32' 32.63600 W			Ground Elevation (ft) 2,779.0			Cum Cost(\$)		0 54,447		0 54,447
			POB: 22 Manhours: 222.75			AFE(\$):		1,807,485 4,959,900		335,000 7,102,385
Current Activity: TIH W/ COMPLETION STRING										
24 Hr Summary: NU B SECTION, NU AND TEST BOP, TIH W/ PRK, POOH, TIH W/ COMPETION STRING										
24 Hr Forecast: FINISH IN HOLE W/ COMPLETION STRING, ND, NU, SHIFT SLEEVE, RDMO, AWAITING FRAC OPERATIONS										
OPERATION DETAILS										
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION			
06:00	06:30	0.50	P	WOR	44	WOD	WAITING ON DAYLIGHT			
06:30	07:00	0.50	P	WOR	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S WITH DAY CREW ON OPERATIONS			
07:00	10:00	3.00	P	WOR	16	NUND	NU "B" SECTION TEST TO 4200 PSI, NU BOPS TEST 250 PSI LOW- 5000 PSI HIGH, ALL TESTS GOOD			
10:00	12:00	2.00	P	WOR	18	OTHR	RU RIG RIG FLOOR, LOAD PIPE RACK WITH TUBING AND CLEANED THREADS ON COLLARS AND PINS			
12:00	16:00	4.00	N	WOR	59	EQFAIL	EATONS LAYDOWN MACHINE BROKEDOWN			
16:00	17:30	1.50	P	WOR	24	PULD	INSTALL MUELER HEAD, PU RIH W/ A1X PACKER, ON/ OFF TOOL			
17:30	18:00	0.50	P	WOR	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S WITH NIGHT CREW ON OPERATIONS			
18:00	20:30	2.50	P	WOR	24	PULD	CONTINUE IN HOLE WITH PACKER			
20:30	21:15	0.75	P	WOR	18	OTHR	LOADED PIPE RACK WITH NEXT ROW OF TUBING, TALLIED TUBING, AND CLEANED THE THREADS ON COLLAR AND PINS			
21:15	22:15	1.00	P	WOR	24	PULD	CONTINUE IN HOLE WITH PACKER, SET PACKER @ 7640', RELEASED ON/ OFF TOOL			
22:15	01:15	3.00	P	WOR	39	TRIP	TOH W/ 2 7/8 L-80 STANDING BACK IN DERRICK			
01:15	02:10	0.92	P	MIRU	01	MIRU	MIRU SAGE RIDER GUAGE LINE SPOOL AND SHIV			
02:10	05:30	3.33	P	WOR	25	RCST	MU TIH W/ ON/OFF TOOL, 1 JT 2 7/8" 6.5 PPF 8RD L-80 TUBING, 2 7/8" PRESSURE PORT/ TRANSFER SUB, 2 7/8" GUAGE CARRIER ASSEMBLY, AND XXX JTS 2 7/8 TUBING W/ EXTERIOR TEC CABLE STRAPPED PER SAGE RIDER SPECS			
05:30	06:00	0.50	P	WOR	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S WITH DAY CREW ON OPERATIONS			
Daily Operations Comments:										
DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS				
Code	Description	Cost	Fluids Co:			Down Hole Tool Co:		Tool Sup:		
125	DRILLING/SERVICE RIG - DAYRATE	2,790	Fluids Eng:			Qty	Description	ID	OD	Top Set(ft)
125	DRILLING/SERVICE RIG - DAYRATE	12,720	Pit Temp:			1	HANGER			2,804.01
151	DRILLSTRING/WORKSTRING	3,350	Density:			1	1 JT 2 7/8" TUBING 8RD EUE	2.441	3.625	2,804.51
154	WELL CONTROL RENTALS	150	Brine Type:			1	2 7/8" PUP	2.441	3.625	2,837.26
154	WELL CONTROL RENTALS	832	Gel Type:			240	2 7/8" TUBING 8RD EUE	2.441	3.625	2,847.36
155	OFFICE, SEWAGE AND MISC RENTALS	700	Viscosity:				2 7/8" GAUGE CARRIER ASSEMBLY	2.441	4.570	10,432.87
			Nitrogen:			1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.441	4.180	10,441.43
			NTU:			1	2 7/8" TUBING 8RD EUE	2.441	3.625	10,442.23
			FLOWBACK				ON/OFF TOOL	2.313	3.188	10,474.93
			Gas Rate:				PACKER	2.310	4.625	10,476.24
			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	65.00 / 65.00						
			9.625	/ 984.00						
PERFORATIONS										
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method		Comments		



Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Report Number: 003
Report Date: 11/16/2014
Spud Date: 10/13/2014
Release Date:
DOE: 33 DOL: 3 AFE Days: 3.00
Last BOP T.: CSG Test:
Safety & Environmental Incident: No

Rig:
Rig Phone:
RKB (Sea Level) (ft): 2,804.01
Ground Elevation (ft) 2,779.0
POB: 20 Manhours: 239.00

	Drig	Comp	FAC	Total
AFE #:		162307/52116		
Day Cost(\$):	0	26,972	0	26,972
Cum Cost(\$)	0	86,769	0	86,769
AFE(\$):	1,807,485	4,959,900	335,000	7,102,385

Current Activity:	MONITORING WELLBORE PRESSURES, AWAITING FRAC OPERATIONS
24 Hr Summary:	FINISH IN HOLE W/ COMPLETION STRING, ND, NU, SHIFT SLEEVE, RDMO
24 Hr Forecast:	AWAITING FRAC OPERATIONS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:00	3.00	P	WOR	39	TRIP	CONTINUE IN HOLE RUNNING 2 7/8" 8 RD TUBING OUT OF DERRICK. SPACE OUT AND LAND HANGER W/ 10 K COMPRESSION. PULL TEST TO 15K OVER P/U WT. RUN IN HOLD DOWN PINS ON HANGER & SET BPV.
09:00	12:00	3.00	P	RDMO	02	RDMO	R/D RIG FLOOR AND RDMO WOR.
12:00	15:00	3.00	P	WOR	16	NUND	SET CHECK VALVE. N/D BOP'S. N/U FLOW CROSS AND FRAC VALVE. PULL CHECK AND SET TWO WAY. TEST 250 PSI LOW 9500 PSI HIGH.
15:00	16:00	1.00	P	WBP	08	DHEQ	R/U TORQUED UP PUMP ON CASING AND PRESSURE UP TO 3000 PSI. TRAP PRESSURE AND BLEED OFF LINES. R/U ON TUBING, TESTED CASING TO 250 PSI LOW- 8000PSI HIGH ALL TESTS GOOD
16:00	17:30	1.50	P	WBP	20	PACK	BLEED WELL BACK TO 2000 PSI, BEGAN PUMPING 6 BPM TO 8500 PSI WHERE TOE SLEEVE OPENED INCREASED RATE TO 9 BPM FOR 5 MINS THE PRESSURES ARE AS FOLLOWS: AFTER 1 MIN 8800 PSI @ 8.7 BPM W/ 20 BBLS PUMPED, AFTER 2 MINS 9200 PSI @ 8.8 BPM W/ 30 BBLS PUMPED, AFTER 3 MINUTES 8700 PSI @ 9.3 BPM W/ 39 BBLS PUMPED, AFTER 4 MINS 8700 PSI @ 9.1 BPM W/ 49 BBLS PUMPED, AFTER 5 MINS 8900 PSI @ 9.2 BPM W/ 57 BBLS PUMPED, SLOWED RATE TO 4.5 BMP FOR 15 SEC @ 6500 PSI, SLOWED RATE TO 2 BPM @ 5200 PSI FOR 15 SECS, ISIP 4800 PSI. SHUT WELL IN
17:30	18:00	0.50	P	WBP	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S W/ NIGHT CREW
18:00	19:30	1.50	P	WBP	16	NUND	ND FRAC VALVE AND FLOW CROSS, NU PORTED WELL HEAD FLANGE CONNECTING PRESSURE GUAGE WIRE TO WELLHEAD FLANGE, NU TREE VALVE ASSEMBLY ON TOP, TESTED TO 250 PSI LOW- 5000 PSI HIGH, ALL TESTS GOOD
19:30	20:00	0.50	P	RDMO	02	RDMO	RDMO ALL RELTED TOE PREP EQUIPMENT
20:00	06:00	10.00	P	WBP	73	WOOWO	FINAL REPORT UNTIL FRAC OPERATIONS

Daily Operations Comments:

DAILY COSTS			FLUIDS			COMPLETION STRING DETAILS				
Code	Description	Cost	Fluids Co:			Down Hole Tool Co:			Tool Sup:	
125	DRILLING/SERVICE RIG - DAYRATE	2,790	Fluids Eng:			Qty	Description	ID	OD	Top Set
125	DRILLING/SERVICE RIG - DAYRATE	12,720	Pit Temp:							
154	WELL CONTROL RENTALS	832	Density:							
154	WELL CONTROL RENTALS	150	Brine Type:							
155	OFFICE, SEWAGE AND MISC RENTALS	700	Gel Type:							
157	SAFETY/MEDICAL	1,000	Viscosity:							
			Nitrogen:							
			NTU:							
			FLOWBACK							
201	LAND TRANSPORTATION	700	Gas Rate:							
212	SUPERVISION - CONTRACT	2,000	Choke Size:							
			Avg. Tbg. Press:							
212	SUPERVISION - CONTRACT	3,000	Avg. Csg. Press:							
242	BOP/WELLHEAD TESTING	1,850	Fluid Rate (Water):							
242	BOP/WELLHEAD TESTING	1,230	Fluid Rate (Oil):							
			Tot. Load Recovered:							
			CASING							
			Size(in)	MD(ft)/TVD(ft)	LOT(ppg)					
				/						
			13.375	65.00 / 65.00						
			9.625	/ 984.00						

PERFORATIONS

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



Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: RICKY VONDENSTEIN / N/A
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 004
Report Date: 12/09/2016
Spud Date: 10/13/2014
Release Date:
DOE: 756 DOL: 4 AFE Days: 3.00
Last BOP T.: CSG Test:

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 8' 28.16400 N	
	Long:	101° 32' 31.21000 W	

API #:	4238338893
Rig:	
Rig Phone:	
KB(ft):	2,804.01
POB: 14	Manhours: 95.00

Current Activity:	N/D TREE, N/U BOP'S
24 Hr Summary:	MIRU WOR. BLEED AND MONITOR TUBING AND CASING PRESSURES. SHUT DOWN FOR NIGHT
24 Hr Forecast:	DAYLIGHT ONLY. N/D TREE. N/U AND TEST BOP'S. PULL PACKER FREE.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	WOR	28	SFTYMTG	HELD SAFETY MEETING W/ CREWS. DISCUSSED RIG MOVE, RIG UP AND COLD WEATHER.
06:30	11:00	4.50	P	WOR	18	OTHR	WAIT ON DAYLIGHT. MOVE WOR, MUD PUMP, TANK, P/U L/D MACHINE, BOP'S AND MISC EQUIPMENT FROM 8-24 PH TO 11-35 EH LOCATION.
11:00	17:00	6.00	P	MIRU	01	MIRU	SITP - 1395 PSI. SICP - 2500 PSI. SISCOP - ON VACUUM RUN LINE FROM TUBING TO CHOKE MANIFOLD. BLEED PRESSURE TO (0) PSI. TUBING HAD CONTINUOUS SLIGHT FLOW. SHUT IN BUILD BACK TO 1100 PSI IN 30 MIN. BLEED TO (0) PSI. LET FLOW FOR 30 MINUTES W/ SLIGHT FLOW. SHUT IN TUBING AND R/U ON CASING. BLEED CASING FROM 2500 PSI TO (0) PSI. MONITOR FOR 45 MINUTES. CASING STATIC. LINE BACK UP ON TUBING 100 PSI AFTER 45 MINUTES. BLEED TO (0) PSI. MONITOR FOR ONE HOUR. SLIGHT TRICKLE FROM TUBING. PUMP METHANOL IN CASING PRESSURE UP TO 1600 PSI AND TRAP SAME. PUMP METHANOL IN TUBING PRESSURE UP TO 1000 PSI AND TRAP SAME. WHILE BLEEDING AND MONITORING PRESSURES R/U WORKOVER RIG AND PUMP AND PUMP LINES WHEN SAFE TO DO SO.
17:00	06:00	13.00	P	WOR	44	WOD	DAYLIGHT OPERATIONS ONLY, SHUT DOWN FOR NIGHT.

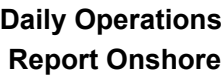
Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
13.375	65.00 / 65.00		Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
9.625	/ 984.00		Pit Temp:	1	HANGER	2.502	3.987	25.00
			Density:	1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
			Brine Type:	1	2 7/8" PUP	2.437	3.625	58.25
			Gel Type:	240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
			Viscosity:		2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
			Nitrogen:	1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
			NTU:	1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
					ON/OFF TOOL	2.312	3.187	7,695.93
					PACKER	2.312	4.625	7,697.24
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

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

<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>			Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00			Report Number: 007 Report Date: 12/12/2016 Spud Date: 10/13/2014 Release Date: DOE: 759 DOL: 7 AFE Days: 3.00 Last BOP T.: CSG Test:						
Event: COMPLETION LAND			API #: 4238338893									
Safety Meeting Topic:			Rig:									
Location: Lat: 31° 8' 28.16400 N			Rig Phone:									
Long: 101° 32' 31.21000 W			KB(ft): 2,804.01									
			POB: 12 Manhours: 90.00									
Current Activity: WAITING ON FRAC OPERATIONS.												
24 Hr Summary: POOH SCAN TUBING, N/D BOP'S, RDMO WOR.												
24 Hr Forecast: WAITING ON FRAC OPERATIONS.												
OPERATION DETAILS												
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION					
06:00	06:30	0.50	P	WOR	44	WOD	DAYLIGHT OPERATIONS WAIT ON DAYLIGHT					
06:30	07:00	0.50	P	WOR	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S W/ CREWS.					
07:00	08:30	1.50	P	WOR	18	OTHR	SITP - "0" PSI. SICP - "0" PSI. R/U PIPE RACKS AND P/U L/D MACHINE. R/U RTS TUBING ACANNERS.					
08:30	13:30	5.00	P	WOR	39	TRIP	POOH L/D 2 7/8" L-80 EUE TUBING WHILE SCANNING W/ RTS TUBING ACANNERS. SCAN TOTAL OF 242 JOINTS. (100 JOINTS YELLOW BAND) (80 JOINTS BLUE BAND) (52 JOINTS GREEN BAND) (10 JOINTS RED BAND).					
13:30	17:00	3.50	P	RDMO	02	RDMO	SET HANGER AND CHECK VALVE IN WELL HEAD. CLOSE FRAC VALVE (TESTED TO 5000 PSI). INSTALL NIGHT CAP. N/D BOP'S. RDMO WOR AND RELATED EQUIPMENT.					
17:00	06:00	13.00	P	WOR	18	OTHR	WAITING ON FRAC OPERATIONS.					
Daily Operations Comments:												
CASING			FLUIDS				COMPLETION STRING DETAILS					
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)		Fluids Co:			Down Hole Tool Co:		Tool Sup:		
	/				Fluids Eng:			Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00				Pit Temp:			1	HANGER	2.502	3.987	25.00
9.625	/ 984.00				Density:			1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
					Brine Type:			1	2 7/8" PUP	2.437	3.625	58.25
					Gel Type:			240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
					Viscosity:				2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
					Nitrogen:			1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
					NTU:			1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
									ON/OFF TOOL	2.312	3.187	7,695.93
					FLOWBACK				PACKER	2.312	4.625	7,697.24
					Gas Rate:							
					Choke Size:							
					Avg. Tbg. Press:							
					Avg. Csg. Press:							
					Fluid Rate (Water):							
					Fluid Rate (Oil):							
					Tot. Load Recovered:							
PERFORATIONS												
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments					



Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: RICKY VONDENSTEIN / N/A
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 008
Report Date: 12/22/2016
Spud Date: 10/13/2014
Release Date:
DOE: 769 DOL: 8 AFE Days: 3.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 8' 28.16400 N
Long: 101° 32' 31.21000 W

API #: 4238338893
Rig:
Rig Phone:
KB(ft): 2,804.01
POB: 11 Manhours: 61.00

Current Activity: ACIDIZE WELL.
24 Hr Summary: R/U FRAC VALVES, WAIT ON OTHER WELL OPS.
24 Hr Forecast: ACIDIZE WELL. WAIT ON OTHER WELL OPS.

OPERATION DETAILS

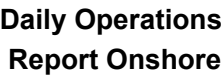
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	MIRU	44	WOD	WAIT ON DAYLIGHT.
06:30	07:00	0.50	P	MIRU	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S W/ CREWS.
07:00	10:00	3.00	P	MIRU	73	WOOWO	WAIT ON OTHER WELL OPS.
10:00	13:30	3.50	P	MIRU	01	MIRU	SICP - "0" PSI. N/U 7 1/16" 10M MANUAL FRAC VALVE ON EXHISTING 7 1/16" 10 M MANUAL FRAC VALVE. TEST BOTH VALVES TO 250 PSI LOW, 9000 PSI HIGH FOR 5 MIN EACH. PULL HANGER AND TWO WAY CHECK AND SECURE WELL.
13:30	18:00	4.50	P	MIRU	73	WOOWO	WAIT ON OTHER WELL OPS.
18:00	06:00	12.00	P	STG01	44	WOD	WAIT ON DAYLIGHT.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS						
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:			
	/			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)	
13.375	65.00	65.00		Pit Temp:	1	HANGER	2.502	3.987	25.00	
9.625	/ 984.00			Density:	1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50	
				Brine Type:	1	2 7/8" PUP	2.437	3.625	58.25	
				Gel Type:	240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35	
				Viscosity:		2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87	
				Nitrogen:	1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43	
				NTU:	1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23	
						ON/OFF TOOL	2.312	3.187	7,695.93	
						PACKER	2.312	4.625	7,697.24	
				FLOWBACK						
				Gas Rate:						
				Choke Size:						
				Avg. Tbg. Press:						
				Avg. Csg. Press:						
				Fluid Rate (Water):						
				Fluid Rate (Oil):						
				Tot. Load Recovered:						

PERFORATIONS

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



Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: RICKY VONDENSTEIN / N/A
Engineer/Manager: SCHMELTZ, PETER / GRUBB, ALLEN

Report Number: 010
Report Date: 12/24/2016
Spud Date: 10/13/2014
Release Date:
DOE: 771 DOL: 10 AFE Days: 3.00
Last BOP T.: CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:
Location: Lat: 31° 8' 28.16400 N
Long: 101° 32' 31.21000 W

API #:	4238338893
Rig:	
Rig Phone:	
KB(ft):	2,804.01
POB: 11	Manhours: 61.00

Current Activity: WAITING ON FRAC OPS.
24 Hr Summary: TEST 9 5/8" X 5 1/2" CSG. PERF STAGE #1.
24 Hr Forecast: WAITING ON FRAC OPS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG01	44	WOD	WAIT ON DAYLIGHT.
06:30	07:00	0.50	P	STG01	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S W/ CREWS.
07:00	07:30	0.50	P	STG01	18	OTHR	TEST 9 5/8" X 5 1/2" CASING TO 1500 PSI FOR 15 MIN.
07:30	13:00	5.50	P	STG01	21	PERF	SICP - 2500 PSI. P/U AND INSTALL W/L BOP'S. P/U LUBRICATOR AND (8) 3 1/8" x 1' GUNS @ 6 SPF, 0.52" RDX, 60 DEGREE PHASING, 48 SHOTS TOTAL. W/ BAKER 20 SETTING TOOL & TARRENT COUNTY COMPOSITE BRIDGE PLUG. TEST WLPCE TO 8000 PSI. RIH & ATTEMPT TO CORRILATE ON DEPTH WITH MARKER JOINT @ 8,187' PER CASING TALLY FOUND AT 8,034' (ELM) @ ~ 80 DEGREES. PUMP DOWN AND LOCATE MID MARKER JOINT @ 10,481' (ELM) CASING TALLY SHOWING @ 10,623'. PUMP DOWN AND LOCATE TOE MARKER @ 12,756' (ELM) CASING TALLY SHOWING 12,878'. PUMP DOWN SLOWLY AND TAG SLEEVE @ 12,884' (ELM) CASING TALLY SHOWING 13,004'. PLUG STUCK IN TOE SLEEVE. BLEED PRESSURE TO 1500 PSI AND PULL TO 3000# ON WIRE LINE. UNABLE TO FREE. DECISION MADE TO SET PLUG @ 12,884' (ELM). OBTAIN CASING TEST TO 8000 PSI FOR 15 MIN. PERF STAGE ONE W/ NEW PERF INTERVALS FROM 12,853' TO 12,700' OA. POOH LOGGING TO SURFACE. PUMPED TOTAL 464 BBLs. ALL SHOTS FIRED.
13:00	14:30	1.50	P	RDMO	02	RDMO	R/D ELECTRIC LINE AND LUBRICATOR.
14:30	16:00	1.50	P	RDMO	73	WOOWO	WAIT ON OTHER WELL OPS.
16:00	06:00	14.00	P	MIRU	73	WOOWO	WAITING ON FRAC OPS.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00		Pit Temp:	1	HANGER	2.502	3.987	25.00
9.625	/ 984.00		Density:	1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
			Brine Type:	1	2 7/8" PUP	2.437	3.625	58.25
			Gel Type:	240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
			Viscosity:		2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
			Nitrogen:	1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
			NTU:	1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
					ON/OFF TOOL	2.312	3.187	7,695.93
					PACKER	2.312	4.625	7,697.24
			FLOWBACK					
			Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:					

PERFORATIONS

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

<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>			Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00			Report Number: 011 Report Date: 01/09/2017 Spud Date: 10/13/2014 Release Date: DOE: 787 DOL: 11 AFE Days: 3.00 Last BOP T.: CSG Test:						
Event: COMPLETION LAND			API #: 4238338893									
Safety Meeting Topic:			Rig:									
Location: Lat: 31° 8' 28.16400 N			Rig Phone:									
Long: 101° 32' 31.21000 W			KB(ft): 2,804.01									
			POB: 13 Manhours: 21.00									
Current Activity: MIRU FRAC EQUIPMENT.												
24 Hr Summary: SET ACID TANKS AND SAND SILOS.												
24 Hr Forecast: BEGIN MIRU FRAC EQUIPMENT.												
OPERATION DETAILS												
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION					
06:00	06:00	24.00	P	SITEPRE	01	MIRU	PREPARED BERM AND SET ACID TANKS. MI RENTAL EQUIPMENT. SET SAND SILOS. MI PUMPS TO STAGING PADS.					
Daily Operations Comments:												
NO INCIDENTS/ACCIDENTS OR SPILLS TO REPORT												
CASING			FLUIDS			COMPLETION STRING DETAILS						
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)		Fluids Co:			Down Hole Tool Co:		Tool Sup:		
	/				Fluids Eng:			Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00				Pit Temp:			1	HANGER	2.502	3.987	25.00
9.625	/ 984.00				Density:			1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
					Brine Type:			1	2 7/8" PUP	2.437	3.625	58.25
					Gel Type:			240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
					Viscosity:				2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
					Nitrogen:			1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
					NTU:			1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
									ON/OFF TOOL	2.312	3.187	7,695.93
					FLOWBACK				PACKER	2.312	4.625	7,697.24
					Gas Rate:							
					Choke Size:							
					Avg. Tbg. Press:							
					Avg. Csg. Press:							
					Fluid Rate (Water):							
					Fluid Rate (Oil):							
					Tot. Load Recovered:							
PERFORATIONS												
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments					

<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>			Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00			Report Number: 012 Report Date: 01/10/2017 Spud Date: 10/13/2014 Release Date: DOE: 788 DOL: 12 AFE Days: 3.00 Last BOP T.: CSG Test:					
Event: COMPLETION LAND Safety Meeting Topic:			API #: 4238338893 Rig: Rig Phone: KB(ft): 2,804.01 POB: 23 Manhours: 64.00								
Location: Lat: 31° 8' 28.16400 N Long: 101° 32' 31.21000 W											
Current Activity: MIRU FRAC EQUIPMENT. 24 Hr Summary: STAGING IN FRAC EQUIPMENT. RIG UP WATER TRANSFER LINES. 24 Hr Forecast: MIRU FRAC EQUIPMENT.											
OPERATION DETAILS											
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION				
06:00	06:00	24.00	P	MIRU	01	MIRU	FTSI CONTINUE STAGING IN EQUIPMENT. RIG UP WATER TRANSFER LINES.				
Daily Operations Comments:											
NO INCIDENTS/ACCIDENTS OR SPILLS TO REPORT											
CASING			FLUIDS			COMPLETION STRING DETAILS					
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)		Fluids Co:		Down Hole Tool Co:		Tool Sup:		
	/				Fluids Eng:		Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00				Pit Temp:		1	HANGER	2.502	3.987	25.00
9.625	/ 984.00				Density:		1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
					Brine Type:		1	2 7/8" PUP	2.437	3.625	58.25
					Gel Type:		240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
					Viscosity:			2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
					Nitrogen:		1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
					NTU:		1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
								ON/OFF TOOL	2.312	3.187	7,695.93
					FLOWBACK			PACKER	2.312	4.625	7,697.24
					Gas Rate:						
					Choke Size:						
					Avg. Tbg. Press:						
					Avg. Csg. Press:						
					Fluid Rate (Water):						
					Fluid Rate (Oil):						
					Tot. Load Recovered:						
PERFORATIONS											
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments				

<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>			Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00			Report Number: 016 Report Date: 01/14/2017 Spud Date: 10/13/2014 Release Date: DOE: 792 DOL: 16 AFE Days: 3.00 Last BOP T.: CSG Test:						
Event: COMPLETION LAND Safety Meeting Topic:			API #: 4238338893 Rig: Rig Phone: KB(ft): 2,804.01 POB: 52 Manhours: 105.00									
Location: Lat: 31° 8' 28.16400 N Long: 101° 32' 31.21000 W												
Current Activity: STANDBY FOR FRAC OPERATIONS. 24 Hr Summary: CONTINUE 100 MESH SAND PREFILL. CONTINUE TO PREP FOR FRAC OPERATIONS. 24 Hr Forecast: CONTINUE TO PREP FOR FRAC OPERATIONS.												
OPERATION DETAILS												
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION					
06:00	08:00	2.00	P	STG01	18	OTHR	STAND BY FOR SAFETY STAND DOWN.					
08:00	09:30	1.50	P	STG01	28	SFTYMTG	HELD SAFETY STAND DOWN FOR 2017. NO SHORTCUTS TO SAFETY.					
09:30	17:30	8.00	P	STG01	18	OTHR	STAND BY WAITING ON SAND AVAILABILITY.					
17:30	18:00	0.50	P	STG01	28	SFTYMTG	HELD SAFETY MEETING WITH NIGHT SHIFT PERSONNEL. DISCUSSED THE "HELP" ACRONYM AND RIG UP HAZARDS.					
18:00	06:00	12.00	P	STG01	18	OTHR	CONTINUE 100 MESH SAND PREFILL. CONTINUE TO PREP FOR FRAC OPERATIONS.					
Daily Operations Comments: NO INCIDENTS/ACCIDENTS OR SPILLS TO REPORT												
CASING			FLUIDS				COMPLETION STRING DETAILS					
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)		Fluids Co:			Down Hole Tool Co:		Tool Sup:		
	/				Fluids Eng:			Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00				Pit Temp:			1	HANGER	2.502	3.987	25.00
9.625	/ 984.00				Density:			1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
					Brine Type:			1	2 7/8" PUP	2.437	3.625	58.25
					Gel Type:			240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
					Viscosity:				2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
					Nitrogen:			1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
					NTU:			1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
									ON/OFF TOOL	2.312	3.187	7,695.93
									PACKER	2.312	4.625	7,697.24
					FLOWBACK							
					Gas Rate:							
					Choke Size:							
					Avg. Tbg. Press:							
					Avg. Csg. Press:							
					Fluid Rate (Water):							
					Fluid Rate (Oil):							
					Tot. Load Recovered:							
PERFORATIONS												
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments					

EP ENERGY

Daily Operations

Report Onshore

Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: P MAHONEY / P SHUMAKE / R VONDENSTEIN /
Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN

Report Number: 017
Report Date: 01/15/2017
Spud Date: 10/13/2014
Release Date:
DOE: 793
Last BOP T.:

DOL: 17
AFE Days: 3.00
CSG Test:

Event: COMPLETION LAND
Safety Meeting Topic:

API #: 4238338893
Rig:
Rig Phone:
KB(ft): 2,804.01
POB: 33 Manhours: 104.00

Location: Lat: 31° 8' 28.16400 N
Long: 101° 32' 31.21000 W

Current Activity: PRIME UP AND PRESSURE TEST
24 Hr Summary: PREP FRAC AND ASSOCIATED EUIPMENT, PRIME UP AND PRESSURE TEST
24 Hr Forecast: FRAC AND WIRELINE OPERATIONS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:30	0.50	P	STG01	28	SFTYMTG	HELD SAFETY MEETING AND REVIEW JSA'S W/ DAY CREWS.
06:30	17:30	11.00	P	STG01	18	OTHR	ON STANDBY.
17:30	18:00	0.50	P	STG01	28	SFTYMTG	HELD SAFETY MEETING AND REVIEWED JSA'S W/ NIGHT CREWS.
18:00	06:00	12.00	P	STG01	09	EQRP	FUEL UP ALL FRAC AND ASSOCIATED EQUIPMENT, FTSI PRIME UP AND PRESSURE TEST LINES TO PREPARE FOR FRAC OPERATIONS. BUCKET TEST ALL CHEM PUMPS.

Daily Operations Comments:

NO INCIDENTS/ACCIDENTS OR SPILLS TO REPORT

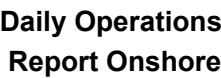
CASING			FLUIDS		COMPLETION STRING DETAILS						
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)		Fluids Co:		Down Hole Tool Co:		Tool Sup:		
	/				Fluids Eng:		Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00	65.00			Pit Temp:		1	HANGER	2.502	3.987	25.00
9.625	/	984.00			Density:		1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
					Brine Type:		1	2 7/8" PUP	2.437	3.625	58.25
					Gel Type:		240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
					Viscosity:			2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
					Nitrogen:		1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
					NTU:		1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
								ON/OFF TOOL	2.312	3.187	7,695.93
					FLOWBACK			PACKER	2.312	4.625	7,697.24
					Gas Rate:						
					Choke Size:						
					Avg. Tbg. Press:						
					Avg. Csg. Press:						
					Fluid Rate (Water):						
					Fluid Rate (Oil):						
					Tot. Load Recovered:						

PERFORATIONS

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

Printed: 1/15/2017 8:01:40AM

Page 1 of 1



Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Report Number: 018
Report Date: 01/16/2017
Spud Date: 10/13/2014
Release Date:
DOE: 794 DOL: 18 AFE Days: 3.00
Last BOP T.: CSG Test:

API #: 4238338893
Rig:
Rig Phone:
KB(ft): 2,804.01
POB: 37 Manhours: 120.00

Current Activity: WAITING @ 200' ON OTHER WELL OPS.
24 Hr Summary: FRAC STAGE #1, PERF STAGE #2
24 Hr Forecast: CONTINUE FRAC AND W/L OPS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	18:00	12.00	P	STG01	73	WOOWO	WAITING ON OTHER WELL OPS. HELD SAFETY MEETING AND REVIEWED JSA'S W/ NIGHT CREW.
18:00	00:00	6.00	P	STG01	73	WOOWO	WAITING ON OTHER WELL OPS.
00:00	03:00	3.00	P	STG01	35	STIM	FRAC STAGE # 1 SLICKWATER - SICP 2,099. PUMP 60 BBLS 15% ACID. PUMP 196,560 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 196,440 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 6,215. ATR: 75.4. MTP: 7,207. MTR: 88.4. ISIP: 3,309. FG 0.86. LTR: 8,269 BBLS.
03:00	04:00	1.00	N	STG02	09	EQRP	WORKED ON GREASEHEAD TO ACHIEVE PRESSURE TEST FOR LUBRICATOR
03:00	05:30	2.50	P	STG02	21	PERF	WL STAGE # 2. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND SET CFP @ 12,683'. PU & PERF STAGE # 2 ON THE FLY AT 12,520' - 12,668'. PUH TO 200' & STANDBY FOR FRAC. LD WL. ALL SHOTS FIRED. PUMPED 239 BBLS.
05:30	06:00	0.50	P	STG02	28	SFTYMTG	SAFETY MEETING WITH DAY CREW

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	/		Pit Temp:	1	HANGER	2.502	3.987	25.00
	65.00 /	65.00	Density:	1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
9.625	/	984.00	Brine Type:	1	2 7/8" PUP	2.437	3.625	58.25
			Gel Type:	240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
			Viscosity:		2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
			Nitrogen:	1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
			NTU:	1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
					ON/OFF TOOL	2.312	3.187	7,695.93
					PACKER	2.312	4.625	7,697.24
			FLOWBACK Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:					

PERFORATIONS

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



Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: P MAHONEY / P SHUMAKE / R VONDENSTEIN /
Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN

Report Number: 020
Report Date: 01/18/2017
Spud Date: 10/13/2014
Release Date:
DOE: 796 DOL: 20 AFE Days: 3.00
Last BOP T.: CSG Test:

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 8' 28.16400 N	
	Long:	101° 32' 31.21000 W	

API #: 4238338893
Rig:
Rig Phone:
KB(ft): 2,804.01
POB: 88 Manhours: 252.00

Current Activity:	STANDBY TO WIRELINE STAGE 5
24 Hr Summary:	FRAC STAGE 3 THRU 4, WIRELINE STAGE 4
24 Hr Forecast:	CONTINUE FRAC OPERATIONS

OPERATION DETAILS

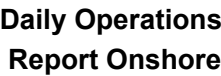
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:05	1.08	P	STG03	21	PERF	POOH W/ W/L. SHUT IN WELL & L/D GUNS. ALL SHOTS FIRED. DROP BALL.
07:05	14:15	7.17	P	STG03	73	WOOWO	WAITING ON OTHER WELL OPS.
14:15	16:30	2.25	P	STG03	35	STIM	FRAC STAGE # 3 SLICKWATER - SICP 2,615. PUMP 30 BBLS 15% ACID. PUMP 197,100 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 196,900 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 6,128 PSI. ATR: 75 BPM. MTP: 7,343 PSI. MTR: 88.0 BPM. ISIP: 3,595. FG 0.91. LTR: 7,825 BBLS.
16:30	17:10	0.67	P	STG04	73	WOOWO	WAIT ON OTHER WELL OPS.
17:10	17:30	0.33	P	STG04	21	PERF	START WL STAGE 4
17:30	18:00	0.50	P	STG03	28	SFTYMTG	HELD SAFETY MEETING WITH NIGHT SHIFT PERSONNEL.
18:00	21:00	3.00	P	STG04	21	PERF	WL STAGE # 4. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND SET CFP @ 12,323'. PU & PERF STAGE # 3 ON THE FLY AT 12,160' - 12,308'. PUH TO 200' & STANDBY FOR FRAC. LD WL. ALL SHOTS FIRED. PUMPED 301 BBLS.
21:00	03:00	6.00	P	STG04	73	WOOWO	WAIT ON OTHER WELL OPS.
03:00	05:30	2.50	P	STG04	35	STIM	FRAC STAGE # 4 SLICKWATER - SICP 2655. PUMP 30 BBLS 15% ACID. PUMP 196,540 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 196,660 LBS 40/70 @ 1.0 - 2.5 PPA. ATP: 5815 PSI. ATR: 74.9 BPM. MTP: 6736 PSI. MTR: 91.2 BPM. ISIP: 3,845. FG 0.83. LTR: 8163 BBLS.
05:30	06:00	0.50	P	STG05	28	SFTYMTG	HELD SAFETY MEETING WITH DAY SHIFT PERSONNEL.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/		Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00		Pit Temp:	1	HANGER	2.502	3.987	25.00
9.625	/ 984.00		Density:	1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
			Brine Type:	1	2 7/8" PUP	2.437	3.625	58.25
			Gel Type:	240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
			Viscosity:		2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
			Nitrogen:	1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
			NTU:	1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
					ON/OFF TOOL	2.312	3.187	7,695.93
					PACKER	2.312	4.625	7,697.24
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

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



Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: P MAHONEY / P SHUMAKE / R VONDENSTEIN
Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN

Report Number: 021
Report Date: 01/19/2017
Spud Date: 10/13/2014
Release Date:
DOE: 797 DOL: 21 AFE Days: 3.00
Last BOP T.: CSG Test:

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 8' 28.16400 N	
	Long:	101° 32' 31.21000 W	

API #: 4238338893
Rig:
Rig Phone:
KB(ft): 2,804.01
POB: 88 Manhours: 252.00

Current Activity: POOH WITH WL
24 Hr Summary: FRAC STAGE 5,6 WL STAGE 5,6,7
24 Hr Forecast: CONTINUE FRAC OPS

OPERATION DETAILS

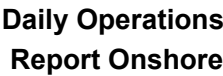
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:50	0.83	P	STG05	18	OTHR	SCHEDULE REHEAD AND GREASE.
06:50	09:35	2.75	P	STG05	21	PERF	WL STAGE # 5. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND SET CFP @ 12,114'. PU & PERF STAGE # 5 ON THE FLY AT 12,127' - 11,980'. PUH TO 200' & STANDBY FOR FRAC. LD WL. ALL SHOTS FIRED. PUMPED 299 BBLS.
09:35	14:57	5.37	P	STG05	73	WOOWO	WAITING ON OTHER WELL OPS.
14:57	16:56	1.98	P	STG05	35	STIM	FRAC STAGE # 5 SLICKWATER - SICP 2,713. PUMP 30 BBLS 15% ACID. PUMP 269,100 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 90,000 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,095 PSI. ATR: 78BPM. MTP: 7,545 PSI. MTR: 88.7 BPM. ISIP: 3,632. FG 0.90. LTR: 7,552 BBLS.
16:56	17:33	0.62	P	STG06	73	WOOWO	CHANGING WELLS.
17:33	18:00	0.45	P	STG05	28	SFTYMTG	HELD SAFETY MEETING WITH NIGHT SHIFT PERSONNEL.
18:00	22:52	4.87	P	STG06	21	PERF	WL STAGE # 6. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND SET CFP @ 11,963'. PU & PERF STAGE # 6 ON THE FLY AT 11,800' - 11,948'. PUH TO 200' & STANDBY FOR FRAC. LD WL. ALL SHOTS FIRED. PUMPED 286 BBLS.
22:52	01:29	2.62	P	STG06	73	WOOWO	WAITING ON OTHER WELL OPS.
01:29	03:32	2.05	P	STG06	35	STIM	FRAC STAGE # 6 SLICKWATER - SICP 2710. PUMP 30 BBLS 15% ACID. PUMP 268,620 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 89,320 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5951 PSI. ATR: 76.2 BPM. MTP: 6739 PSI. MTR: 92.1 BPM. ISIP: 3,777. FG 0.90. LTR: 8018 BBLS.
03:32	05:30	1.97	P	STG06	21	PERF	WL STAGE # 7. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND SET CFP @ 11,783'. PU & PERF STAGE # 7 ON THE FLY AT 11,620' - 11,767'. PUH TO 200' & STANDBY FOR FRAC. LD WL. ALL SHOTS FIRED. PUMPED 257 BBLS.
05:30	06:00	0.50	P	STG05	28	SFTYMTG	HELD SAFETY MEETING WITH NIGHT SHIFT PERSONNEL.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00		Pit Temp:	1	HANGER	2.502	3.987	25.00
9.625	/ 984.00		Density:	1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
			Brine Type:	1	2 7/8" PUP	2.437	3.625	58.25
			Gel Type:	240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
			Viscosity:		2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
			Nitrogen:	1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
			NTU:	1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
					ON/OFF TOOL	2.312	3.187	7,695.93
					PACKER	2.312	4.625	7,697.24
			FLOWBACK Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:					

PERFORATIONS

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



Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: P MAHONEY / P SHUMAKE / R VONDENSTEIN /
Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN

Report Number: 023
Report Date: 01/21/2017
Spud Date: 10/13/2014
Release Date:
DOE: 799 DOL: 23 AFE Days: 3.00
Last BOP T.: CSG Test:

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 8' 28.16400 N	
	Long:	101° 32' 31.21000 W	

API #: 4238338893
Rig:
Rig Phone:
KB(ft): 2,804.01
POB: 88 Manhours: 252.00

Current Activity: WOOWO
24 Hr Summary: FRAC STAGE 9,10 WL STAGE 10,11
24 Hr Forecast: CONTINUE FRAC OPS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:45	0.75	P	STG09	21	PERF	HOLD AT 200' WAITING ON COMPLETION OF "DH" FRAC. POOH L/D GUNS ALL SHOTS FIRED. DROP BALL.
06:45	13:13	6.47	P	STG09	73	WOOWO	WAITING ON OTHER WELL OPS.
13:13	15:12	1.98	P	STG09	35	STIM	FRAC STAGE # 9 SLICKWATER - SICP 2731. PUMP 30 BBLS 15% ACID. PUMP 268,500 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 90,000 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,923 PSI. ATR: 79 BPM. MTP: 6,601 PSI. MTR: 87.6 BPM. ISIP: 3786. FG 0.92. LTR: 7548 BBLS.
15:12	15:50	0.63	P	STG10	18	OTHR	SWAPPING WELLS.
15:50	18:23	2.55	P	STG10	21	PERF	WL STAGE # 10. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 42 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND SET CFP @ 11,243'. PU & PERF STAGE # 10 ON THE FLY AT 11,227' - 11,078'. PUH TO 200' & STANDBY FOR FRAC. LD WL. ALL SHOTS FIRED. PUMPED 214 BBLS. HELD SAFETY MEETING WITH NIGHT SHIFT PERSONNEL.
18:23	22:42	4.32	P	STG10	73	WOOWO	WAITING ON OTHER WELL WORK
22:42	00:45	2.05	P	STG10	35	STIM	FRAC STAGE # 10 SLICKWATER - SICP 2774. PUMP 30 BBLS 15% ACID. PUMP 268,500 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 89,600 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,858 PSI. ATR: 76.1 BPM. MTP: 6792 PSI. MTR: 90.6 BPM. ISIP: 3573. FG 0.89. LTR: 7773 BBLS.
00:45	01:02	0.28	P	STG11	18	OTHR	SWAPPING WELLS
01:02	04:43	3.68	P	STG11	21	PERF	WL STAGE # 11. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND SET CFP @ 11,063'. PU & PERF STAGE # 11 ON THE FLY AT 10,900' - 11,048'. PUH TO 200' & STANDBY FOR FRAC. LD WL. ALL SHOTS FIRED. PUMPED 227 BBLS. .
04:43	05:30	0.78	P	STG11	73	WOOWO	WAITING ON OTHER WELL WORK
05:30	06:00	0.50	P	STG11	28	SFTYMTG	SAFETY MEETING WITH DAY SHIFT PERSONNEL

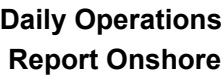
Daily Operations Comments:

NO INCIDENTS/ACCIDENTS OR SPILLS TO REPORT

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00		Pit Temp:	1	HANGER	2.502	3.987	25.00
9.625	/ 984.00		Density:	1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
			Brine Type:	1	2 7/8" PUP	2.437	3.625	58.25
			Gel Type:	240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
			Viscosity:		2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
			Nitrogen:	1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
			NTU:	1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
					ON/OFF TOOL	2.312	3.187	7,695.93
					PACKER	2.312	4.625	7,697.24
			FLOWBACK Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:					

PERFORATIONS

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



Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: P MAHONEY / P SHUMAKE / R VONDENSTEIN /
Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN

Report Number: 025
Report Date: 01/23/2017
Spud Date: 10/13/2014
Release Date:
DOE: 801 DOL: 25 AFE Days: 3.00
Last BOP T.: CSG Test:

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 8' 28.16400 N	
	Long:	101° 32' 31.21000 W	

API #:	4238338893
Rig:	
Rig Phone:	
KB(ft):	2,804.01
POB: 88	Manhours: 252.00

Current Activity:	W/L STG 13
24 Hr Summary:	WIRELINE STAGE 13
24 Hr Forecast:	CONTINUE FRAC OPS

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	17:30	11.50	P	STG13	73	WOOWO	WAITING ON OTHER WELL OPS.
17:30	18:00	0.50	P	STG13	28	SFTYMTG	HELD SAFETY MEETING WITH NIGHT SHIFT PERSONNEL
18:00	02:45	8.75	P	STG13	73	WOOWO	WAITING ON OTHER WELL OPS.
02:45	03:45	1.00	P	STG13	21	PERF	WL STAGE # 13. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 42 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND SET CFP @ 10,703'. PU & PERF STAGE # 13 ON THE FLY AT 10,540' - 10,687'. PUH TO 200' & STANDBY FOR FRAC. LD WL. ALL SHOTS FIRED. PUMPED 203 BBLS.
03:45	05:30	1.75	P	STG13	73	WOOWO	WOOWO-WAITING FOR FRAC
05:30	06:00	0.50	P	STG13	28	SFTYMTG	SAFETY MEETING.

Daily Operations Comments:

NO INCIDENTS/ACCIDENTS OR SPILLS TO REPORT

Casing			Fluids	Completion String Details				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00		Pit Temp:	1	HANGER	2.502	3.987	25.00
9.625	/ 984.00		Density:	1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
			Brine Type:	1	2 7/8" PUP	2.437	3.625	58.25
			Gel Type:	240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
			Viscosity:		2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
			Nitrogen:	1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
			NTU:	1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
					ON/OFF TOOL	2.312	3.187	7,695.93
					PACKER	2.312	4.625	7,697.24
			FLOWBACK Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:					

PERFORATIONS

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



Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: M. ALLISON / R VONDENSTEIN / R ONTIVEROS.
Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN

Report Number: 026
Report Date: 01/24/2017
Spud Date: 10/13/2014
Release Date:
DOE: 802 DOL: 26 AFE Days: 3.00
Last BOP T.: CSG Test:

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 8' 28.16400 N	
	Long:	101° 32' 31.21000 W	

API #: 4238338893
Rig:
Rig Phone:
KB(ft): 2,804.01
POB: 88 Manhours: 252.00

Current Activity: WOOWO
24 Hr Summary: FRAC STG 13, 14, 15. WL STG 14, 15
24 Hr Forecast: CONTINUE FRAC OPERATIONS

OPERATION DETAILS

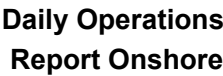
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	06:14	0.23	P	STG13	18	OTHR	SWAPPING WELLLS
06:14	08:07	1.88	P	STG13	35	STIM	FRAC STAGE # 13 SLICKWATER - SICP 2,477. PUMP 60 BBLS 15% ACID. PUMP 268,560 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 89,660 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,100 PSI. ATR: 77 BPM. MTP: 6,892 PSI. MTR: 90.1 BPM. ISIP: 4,007 FG 0.95 LTR: 7,267 BBLS.
08:07	11:20	3.22	P	STG14	73	WOOWO	WAITING ON OTHER WELL OPS.
11:20	13:00	1.67	P	STG14	21	PERF	WL STAGE # 14. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 42 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND SET CFP @ 10,523'. PU & PERF ON THE FLY AT 10,360' - 10,507'. PUH TO 200' & STANDBY FOR FRAC. LD WL. ALL SHOTS FIRED. PUMPED 203 BBLS.
13:00	14:38	1.63	P	STG13	18	OTHR	SWAPPING WELLLS
14:38	16:31	1.88	P	STG14	35	STIM	FRAC STAGE # 14 SLICKWATER - SICP 2,677. PUMP 60 BBLS 15% ACID. PUMP 268,750 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 89,750 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,755 PSI. ATR: 72 BPM. MTP: 6,877 PSI. MTR: 93 BPM. ISIP: 4,104 FG 0.98 LTR: 7217 BBLS.
16:31	20:56	4.42	P	STG15	73	WOOWO	WAITING ON OTHER WELL OPS.
20:56	22:35	1.65	P	STG15	21	PERF	WL STAGE # 15. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND SET CFP @ 10,343'. PU & PERF ON THE FLY AT 10,180' - 10,327'. PUH TO 200' & STANDBY FOR FRAC. LD WL. ALL SHOTS FIRED. PUMPED 203 BBLS
22:35	01:15	2.67	P	STG15	73	WOOWO	200' WAITING ON FRAC.
01:15	03:15	2.00	P	STG15	35	STIM	FRAC STAGE # 15 SLICKWATER - SICP 2,614. PUMP 60 BBLS 15% ACID. PUMP 268,620 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 89,440 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,604 PSI. ATR: 77 BPM. MTP: 6,208 PSI. MTR: 91 BPM. ISIP: 3,879 FG 0.93 LTR: 7769 BBLS.
03:15	05:30	2.25	P	STG16	73	WOOWO	WAITING ON OTHER WELL OPS
05:30	06:00	0.50	P	STG16	28	SFTYMTG	DAY CREW SAFETY MEETING.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS						
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:			
				Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)	
13.375	/			Pit Temp:	1	HANGER	2.502	3.987	25.00	
	65.00 /	65.00		Density:	1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50	
9.625	/	984.00		Brine Type:	1	2 7/8" PUP	2.437	3.625	58.25	
				Gel Type:	240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35	
				Viscosity:		2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87	
				Nitrogen:	1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43	
				NTU:	1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23	
						ON/OFF TOOL	2.312	3.187	7,695.93	
						PACKER	2.312	4.625	7,697.24	
				FLOWBACK						
				Gas Rate:						
				Choke Size:						
				Avg. Tbg. Press:						
				Avg. Csg. Press:						
				Fluid Rate (Water):						
				Fluid Rate (Oil):						
				Tot. Load Recovered:						

PERFORATIONS

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



Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: M. ALLISON/ R VONDENSTEIN / R ONTIVEROS
Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN

Report Number: 027
Report Date: 01/25/2017
Spud Date: 10/13/2014
Release Date:
DOE: 803 DOL: 27 AFE Days: 3.00
Last BOP T.: CSG Test:

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 8' 28.16400 N	
	Long:	101° 32' 31.21000 W	

API #: 4238338893
Rig:
Rig Phone:
KB(ft): 2,804.01
POB: 88 Manhours: 252.00

Current Activity: WOOWO
24 Hr Summary: FRAC STG 16, 17 WL STG 16, 17, 18
24 Hr Forecast: CONTINUEFRAC OPERATIONS.

OPERATION DETAILS

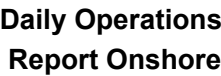
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	07:36	1.60	P	STG16	73	WOOWO	WAITING ON OTHER WELL OPS.
07:36	09:36	2.00	P	STG16	21	PERF	WL STAGE # 16. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND ATTEMPT TO SET CFP @ 10,163'. PLUG DID NOT SET. POOH TO 200' AND WAIT ON COMPLETION OF "FH" FRAC.
09:36	10:35	0.98	N	STG16	21	PERF	POOH L/D GUNS. FOUND RETAINER NUT LOOSE IN GUN. P/U NEW ASSEMBLY. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. RIH.
10:35	11:15	0.67	P	STG16	21	PERF	SET CFP @ 10,163'. PU & PERF ON THE FLY AT 10,146' - 10,000'. POOH. LD WL. ALL SHOTS FIRED. PUMPED 158 BBLS.
11:15	11:49	0.57	P	STG16	18	OTHR	SWAPPING WELLS.
11:49	13:44	1.92	P	STG16	35	STIM	FRAC STAGE # 16 SLICKWATER - SICP 2671. PUMP 60 BBLS 15% ACID. PUMP 268,500 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 89,250 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,852 PSI. ATR: 82 BPM. MTP: 7,146 PSI. MTR: 92. BPM. ISIP: 3,950 FG .94 LTR: 7,384 BBLS.
13:44	17:34	3.83	P	STG17	73	WOOWO	WAITING ON OTHER WELL OPS
17:34	19:00	1.43	P	STG17	21	PERF	WL STAGE # 17. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND ATTEMPT TO SET CFP @ 9,982'. PU & PERF ON THE FLY AT 9,820 - 9,967 '. ALL SHOTS FIRED. PUMPED 174 BBLS
19:00	23:16	4.27	P	STG17	73	WOOWO	WAITING ON OTHER WELL OPS
23:16	01:11	1.92	P	STG17	35	STIM	FRAC STAGE # 17 SLICKWATER - SICP 2661. PUMP 60 BBLS 15% ACID. PUMP 268,680 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 89,770 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,786 PSI. ATR: 77.4 BPM. MTP: 7,195 PSI. MTR: 91. BPM. ISIP: 3,872 FG .93 LTR: 7,487 BBLS.
01:11	02:12	1.02	P	STG18	09	EQRP	STANDBY @ 200'. REHEAD
02:12	03:30	1.30	P	STG18	21	PERF	WL STAGE # 18. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN AND ATTEMPT TO SET CFP @ 9,803'. PU & PERF ON THE FLY AT 9,640 - 9,789 '. ALL SHOTS FIRED. PUMPED 154 BBLS
03:30	05:30	2.00	P	STG18	73	WOOWO	WOOWO
05:30	06:00	0.50	P	STG18	28	SFTYMTG	DAY CREW SAFETY MEETING.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00		Pit Temp:	1	HANGER	2.502	3.987	25.00
9.625	/ 984.00		Density:	1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
			Brine Type:	1	2 7/8" PUP	2.437	3.625	58.25
			Gel Type:	240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
			Viscosity:		2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
			Nitrogen:	1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
			NTU:	1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
					ON/OFF TOOL	2.312	3.187	7,695.93
					PACKER	2.312	4.625	7,697.24
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

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



Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: M. ALLISON/ R VONDENSTEIN / P. SHUMAKE /
Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN

Report Number: 028
Report Date: 01/26/2017
Spud Date: 10/13/2014
Release Date:
DOE: 804 DOL: 28 AFE Days: 3.00
Last BOP T.: CSG Test:

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 8' 28.16400 N	
	Long:	101° 32' 31.21000 W	

API #:	4238338893
Rig:	
Rig Phone:	
KB(ft):	2,804.01
POB: 88	Manhours: 252.00

Current Activity: FRAC STAGE #20.
24 Hr Summary: FRAC STAGE #18. PERF AND FRAC STAGE #19. PLUG AND PERF STAGE #20.
24 Hr Forecast: CONTINUE PERF AND FRAC OPERATIONS.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	09:09	3.15	P	STG18	73	WOOWO	WAITING ON OTHER WELL OPERATIONS
09:09	11:12	2.05	P	STG18	35	STIM	FRAC STAGE # 18 SLICKWATER - SICP 2,646. PUMP 60 BBLS 15% ACID. PUMP 278,440 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 93,800 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,819 PSI. ATR: 81 BPM. MTP: 6,911 PSI. MTR: 91.5 BPM. ISIP: 3,779 FG .94 LTR: 8,013 BBLS.
11:12	11:45	0.55	P	STG19	18	OTHR	SWAPPING WELLS.
11:45	15:08	3.38	P	STG19	21	PERF	WL STAGE # 19. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN & SET CFP @ 9,620'. PU & PERF ON THE FLY AT 9,608 - 9,460 '. ALL SHOTS FIRED. POOH & HOLD @ 200' WAITING ON COMPLETION OF "DH" FRAC. PUMPED 122 BBLS
15:08	19:42	4.57	P	STG19	73	WOOWO	WAITING ON OTHER WELL OPS.
19:42	21:32	1.83	P	STG19	35	STIM	FRAC STAGE # 19 SLICKWATER - SICP 2,568. PUMP 60 BBLS 15% ACID; PUMP 268,280 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 89,200 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,929 PSI. ATR: 80.5 BPM. MTP: 6,851 PSI. MTR: 90.6 BPM. ISIP: 3,646 FG .90 LTR: 7,532 BBLS.
21:32	22:25	0.88	P	STG20	18	OTHR	SWAPPING WL FROM "FH" TO "EH".
22:25	01:02	2.62	P	STG20	21	PERF	WL STAGE # 20. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN & SET CFP @ 9,443'. PU & PERF ON THE FLY AT 9,427 - 9,280 '. ALL SHOTS FIRED. POOH & HOLD @ 200' WAITING ON COMPLETION OF "DH" FRAC. PUMPED 136 BBLS
01:02	05:00	3.97	P	STG20	73	WOOWO	WAITING ON OTHER WELL OPS.
05:00	05:30	0.50	P	STG20	35	STIM	FRAC STAGE #20 IN PROGRESS AT REPORT TIME.
05:30	06:00	0.50	P	STG20	28	SFTYMTG	SHIFT CHANGE SAFETY MEETING AND JSA REVIEW.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)	Down Hole Tool Co:		Tool Sup:		
				Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00	65.00		1	HANGER	2.502	3.987	25.00
9.625	/	984.00		1	JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
				1	2 7/8" PUP	2.437	3.625	58.25
				240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
					2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
				1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
				1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
					ON/OFF TOOL	2.312	3.187	7,695.93
					PACKER	2.312	4.625	7,697.24
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

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

<div>EP ENERGY</div> <div>Daily Operations Report Onshore</div>			Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00			Report Number: 030 Report Date: 01/28/2017 Spud Date: 10/13/2014 Release Date: DOE: 806 DOL: 30 AFE Days: 3.00 Last BOP T.: CSG Test:					
			Country: USA State: TEXAS Field: WOLFCAMP CENTRAL Supervisors: M. ALLISON / R VONDENSTEIN / P. SHUMAKE / Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN								
Event: COMPLETION LAND Safety Meeting Topic:			API #: 4238338893								
Location: Lat: 31° 8' 28.16400 N Long: 101° 32' 31.21000 W			Rig:								
			Rig Phone:								
			KB(ft): 2,804.01								
POB: 89 Manhours: 256.00											
Current Activity: SB FOR "FH" FRAC 24 Hr Summary: FRAC STG 22,23,24 / W/L STG 23,24,25 24 Hr Forecast: FRAC STG 25,26											
OPERATION DETAILS											
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION				
06:00	06:12	0.20	P	STG22	35	STIM	CONTINUE FRAC STAGE # 22 SLICKWATER - SICP 2,646. PUMP 30 BBLS 15% ACID; FRW PAD; PUMP 268,240 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 89,780 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 4,730 PSI. ATR: 64.6 BPM. MTP: 6,593 PSI. MTR: 88.1 BPM. ISIP: 3,641. FG .90. LTR: 7,133 BBLS				
06:12	06:45	0.55	P	STG23	18	OTHR	SWAPPING WELLS				
06:45	09:26	2.68	P	STG23	21	PERF	WL STAGE # 23. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN & SET CFP @ 8,903'. PU & PERF ON THE FLY AT 8,740 - 8,887 '. ALL SHOTS FIRED. POOH & HOLD @ 200' WAITING ON COMPLETION OF "DH" FRAC. PUMPED 125 BBLS.				
09:26	14:41	5.25	P	STG23	73	WOOWO	WAITING ON OTHER WELL OPS				
14:41	16:38	1.95	P	STG23	35	STIM	FRAC STAGE # 23 SLICKWATER - SICP 2,646. PUMP 30 BBLS 15% ACID; FRW PAD; PUMP 268,000 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 89,000 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,630 PSI. ATR: 81 BPM. MTP: 6,591 PSI. MTR: 91.9 BPM. ISIP: 3,686. FG .90. LTR: 7,445 BBLS				
16:38	20:00	3.37	P	STG24	21	PERF	WL STAGE # 24. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN & SET CFP @ 8,723'. PU & PERF ON THE FLY AT 8,560 - 8,707 '. ALL SHOTS FIRED. POOH & HOLD @ 200' WAITING ON COMPLETION OF "DH" FRAC. PUMPED 58 BBLS. HSM. DISCUSS JSA W/ NIGHT CREW ON OPS.				
20:00	23:42	3.70	P	STG24	73	WOOWO	WOOWO				
23:42	01:30	1.80	P	STG24	35	STIM	FRAC STAGE # 24 SLICKWATER - SICP 2,739. PUMP 30 BBLS 15% ACID; FRW PAD; PUMP 268,500 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 89,500 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5,480 PSI. ATR: 78.9 BPM. MTP: 6,691 PSI. MTR: 91.6 BPM. ISIP: 3,477. FG .88. LTR: 7,296 BBLS				
01:30	02:10	0.67	P	STG25	18	OTHR	SWAPPING WELLS AND SERVICING PUMPS				
02:10	04:30	2.33	P	STG25	21	PERF	WL STAGE # 25. RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN & SET CFP @ 8,543'. PU & PERF ON THE FLY AT 8,528 - 8,380 '. ALL SHOTS FIRED. POOH & HOLD @ 200' WAITING ON COMPLETION OF "DH" FRAC. PUMPED 91 BBLS.				
04:30	06:00	1.50	P	STG25	73	WOOWO	WOOWO. HSM. DISCUSS JSA W/ DAY CREW ON OPS.				
Daily Operations Comments:											
CASING			FLUIDS			COMPLETION STRING DETAILS					
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)	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:			Down Hole Tool Co:		Tool Sup:		
			Qty				Description	ID(in)	OD(in)	Top Set(ft)	
13.375	65.00	65.00	1				HANGER	2.502	3.987	25.00	
9.625		984.00	1				1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50	
			1				2 7/8" PUP	2.437	3.625	58.25	
			240				2 7/8" TUBING 8RD EUE	2.437	3.625	68.35	
							2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87	
			1				2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43	
			1				2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23	
							ON/OFF TOOL	2.312	3.187	7,695.93	
				PACKER	2.312	4.625	7,697.24				
PERFORATIONS											
Date	Stage	Top	Bottom	SPF(ft)	F/G/BHP(ft)	Separation Method	Comments				



Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: M. ALLISON / R VONDENSTEIN / P. SHUMAKE /
Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN

Report Number: 031
Report Date: 01/29/2017
Spud Date: 10/13/2014
Release Date:
DOE: 807 DOL: 31 AFE Days: 3.00
Last BOP T.: CSG Test:

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 8' 28.16400 N	
	Long:	101° 32' 31.21000 W	

API #: 4238338893
Rig:
Rig Phone:
KB(ft): 2,804.01
POB: 89 Manhours: 256.00

Current Activity: WELL COMPLETE. AWAIT D/O OPS. FINAL REPORT UNTIL D/O OPS.
24 Hr Summary: FRAC STG 25,26 / W/L STG 26,KP
24 Hr Forecast: WELL COMPLETE. AWAIT COMPLETION OF "FH" & "DH" FRAC.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:01	2.02	P	STG25	73	WOOWO	WAITING ON OTHER WELL OPS
08:01	08:31	0.50	P	STG25	35	STIM	PRIME AND TEST.
08:31	10:26	1.92	P	STG25	18	OTHR	FRAC STAGE # 25 SLICKWATER - SICP 2,816. PUMP 30 BBLS 15% ACID; FRW PAD; PUMP 269,000 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 90,000 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 6,007 PSI. ATR: 81.0 BPM. MTP: 6,723 PSI. MTR: 93.8 BPM. ISIP: 3,588. FG .89. LTR: 7,597
10:26	10:50	0.40	P	STG26	18	OTHR	SWAPPING WELLS
10:50	13:21	2.52	P	STG26	21	PERF	WL STAGE # 26 RU WL ON WELL. TEST WLPCE TO 8000 PSI. RIH W/ 5.5 ECO CFP & 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 160 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 8032'. PUMP DOWN & SET CFP @ 8,358'. PU & PERF ON THE FLY AT 8,344 - 8,203'. ALL SHOTS FIRED. POOH & HOLD @ 200' WAITING ON COMPLETION OF "FH" FRAC. PUMPED 37 BBLS.
13:21	18:05	4.73	P	STG26	73	WOOWO	WAITING ON OTHER WELL OPERATIONS. HSM. DISCUSS JSA W/ NIGHT CREW ON OPS.
18:05	19:54	1.82	P	STG26	35	STIM	FRAC STAGE # 26 SLICKWATER - SICP 2,660. PUMP 30 BBLS 15% ACID; FRW PAD; PUMP 268,250 LBS 100 MESH @ .5 - 2.0 PPA; FLUSH W/ SLICK WATER, PUMP 190 BBLS VISC ACID, FLUSH W/ SLICK WATER; PUMP 89,250 LBS 40/70 @ 1.0 - 2.0 PPA. ATP: 5407 PSI. ATR: 79.0 BPM. MTP: 6,576 PSI. MTR: 90.1 BPM. ISIP: 3,539. FG .89. LTR: 7,347
19:54	20:30	0.60	P	WLWORK	18	OTHR	SWAPPING WELLS AND SERVICING PUMPS
20:30	22:10	1.67	P	WLWORK	27	SETP	SICP: 2665 PSI. RIH W/ 5.5" SOLID CBP. SET @ SOLID CBP @ 7,290'(ELM). POOH. BLEED WELL PRESS TO 0 PSI. PERFORM 15 MIN NEGATIVE TEST WITH NO GAIN. PRESS UP TO 3,500 PSI. TEST GOOD & CHARTED FOR 15 MIN. BARRIER #1 SOLID CBP SET @ 7,290'. BARRIER #2 LMV IN CLOSED POSITION.
22:10	06:00	7.83	P	STG26	17	OPNW	WELL COMPLETE. NO ACTIVITY.


Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
			Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00		Pit Temp:	1	HANGER	2.502	3.987	25.00
9.625	/ 984.00		Density:	1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
			Brine Type:	1	2 7/8" PUP	2.437	3.625	58.25
			Gel Type:	240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
			Viscosity:		2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
			Nitrogen:	1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
			NTU:	1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
					ON/OFF TOOL	2.312	3.187	7,695.93
					PACKER	2.312	4.625	7,697.24
			FLOWBACK Gas Rate: Choke Size: Avg. Tbg. Press: Avg. Csg. Press: Fluid Rate (Water): Fluid Rate (Oil): Tot. Load Recovered:					

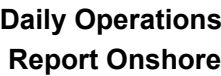
PERFORATIONS

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

<div><div>EPENERGY</div><div>Daily Operations Report Onshore</div></div>			Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00			Report Number: 033 Report Date: 02/10/2017 Spud Date: 10/13/2014 Release Date: DOE: 819 DOL: 33 AFE Days: 3.00 Last BOP T.: CSG Test:					
Event: COMPLETION LAND Safety Meeting Topic:			API #: 4238338893 Rig: Rig Phone: KB(ft): 2,804.01 POB: 17 Manhours: 180.00								
Location: Lat: 31° 8' 28.16400 N Long: 101° 32' 31.21000 W											
Current Activity: RIH WITH DO BHA 24 Hr Summary: MIRU SVC RIG & ASSOC EQUIP. NU BOP'S.RIH WITH DO BHA 24 Hr Forecast: DO KILL PLUG & CFP'S											
OPERATION DETAILS											
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION				
06:00	21:20	15.33	P	WOR	18	OTHR	NO ACTIVITY				
21:20	23:40	2.33	P	MIRU	01	MIRU	SPOT BASE BEAM. MIRU WOR & RELATED DO EQUIP.				
23:40	02:12	2.53	P	WOR	16	NUND	SICP: 0 PSI. WITH KP SET & VERIFIED HOLDING: ND NIGHT CAP ON FRAC VALVE. OPEN FRAC VALVE & INSPECT FOR FULL OPEN. NU 7-1/16" 10M FC W/ 3" & 2" OUTLETS, 7-1/16" 10M X 5M SPOOL, 7-1/16" 5M DBL BOP DRESSED W/ 2-7/8" PIPE RAMS ON BTM & BLIND/SHEAR RAMS ON TOP, 7-1/16" SNGL BOP DRESSED W/ 2-7/8" SLIP RAMS, 7-1/16" 5M ANNULAR, 7-1/16" 3M MUELLAR HEAD. RU SPARTAN FB EQUIP.				
02:12	04:45	2.55	P	WOR	36	SFEQ	INSTALL TEST PLUG/HANGER IN TBG HEAD WITH TEST JT W/TIW INSTALLED. TEST PIPE RAMS & OUTSIDE WING VALVES ON FLOW CROSS. LOW 250 HIGH 3000. TEST GOOD. LD TEST JT. TEST BLIND RAMS & INSIDE WINGS ON FLOW CROSS. LOW 250 HIGH 3000. TEST GOOD. TEST FLOWBACK IRON,PLUG CATCHER & MANIFOLD WITH PIPE RAMS AS BARRIER. LOW 250 HIGH 3000. TEST GOOD. TEST ANNULAR. LOW 250 HIGH 3000. TEST GOOD. TEST KELLY HOSE BACK TO PUMP. LOW 250 HIGH 3000. TEST GOOD. ALL TEST CHARTED.				
04:45	05:30	0.75	P	WOR	24	PULD	MAKE UP DRILL OUT BHA.TEST MOTOR W/ 3 BPM @ 400 PSI. PU RIH W/ WS. BREAK CIRC EVERY 30 JNTS WHILE RIH. CHECK THREADS ON EACH JNT W/ THREAD GAUGE BEFORE RIH.				
05:30	06:00	0.50	P	WOR	28	SFTYMTG	SAFETY MEETING WITH DAY CREW PERSONNEL				
Daily Operations Comments:											
CASING			FLUIDS			COMPLETION STRING DETAILS					
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)		Fluids Co:		Down Hole Tool Co:		Tool Sup:		
	/				Fluids Eng:		Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00				Pit Temp:		1	HANGER	2.502	3.987	25.00
9.625	/ 984.00				Density:		1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50
					Brine Type:		1	2 7/8" PUP	2.437	3.625	58.25
					Gel Type:		240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35
					Viscosity:		2	7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87
					Nitrogen:		1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43
					NTU:		1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23
					FLOWBACK			ON/OFF TOOL	2.312	3.187	7,695.93
								PACKER	2.312	4.625	7,697.24
					Gas Rate:						
					Choke Size:						
					Avg. Tbg. Press:						
					Avg. Csg. Press:						
					Fluid Rate (Water):						
					Fluid Rate (Oil):						
					Tot. Load Recovered:						
PERFORATIONS											
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments				

 Daily Operations Report Onshore		Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00				Report Number: 035 Report Date: 02/12/2017 Spud Date: 10/13/2014 Release Date: DOE: 821 Last BOP T.: DOL: 35 AFE Days: 3.00 CSG Test:						
		Country: USA State: TEXAS Field: WOLFCAMP CENTRAL Supervisors: D. DISOTELL / S. SMITH / G. HELMS / R. ONTIVEROS Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN										
Event: COMPLETION LAND Safety Meeting Topic:		API #: 4238338893 Rig: Rig Phone: KB(ft): 2,804.01 POB: 28 Manhours: 324.00										
Location: Lat: 31° 8' 28.16400 N Long: 101° 32' 31.21000 W												
Current Activity: WO WLAT REPORT TIME. 24 Hr Summary: DRILL OUT KILL PLUG. DRILL OUT CFP'S #17 - #25, LD WS & DO BHA. FLUSH WELL. FLD REC FOR DAY: 1820 BBLs. FLUID REC FOR JOB: 3640 BBLs. SAND REC FOR DAY: 25 YDS. SAND REC FOR JOB: 25 YDS. 24 Hr Forecast: WL SET PKR, LAND PROD STRING. NU PROD TREE. PUMP OUT PLUG.												
OPERATION DETAILS												
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION					
06:00	11:45	5.75	P	WOR	40	WASH	WASH/DRILL TO #17 CFP @ 11,220'(TM). DRILL UP IN 9 MIN. CIRC RATE: 4.5 BPM @ 3000 PSI. R/R: 5.3 BPM @ 950 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #18 CFP @ 11,400'(TM). DRILL UP IN 5 MIN. CIRC RATE: 4.5 BPM @ 3000 PSI. R/R: 5.3 BPM @ 950 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #19 CFP @ 11,587'(TM). DRILL UP IN 4 MIN. CIRC RATE: 4.5 BPM @ 3000 PSI. R/R: 5.3 BPM @ 950 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #20 CFP @ 11,768'(TM). DRILL UP IN 7 MIN. CIRC RATE: 4.5 BPM @ 3000 PSI. R/R: 5.3 BPM @ 950 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #21 CFP @ 11,940'(TM). DRILL UP IN 7 MIN. CIRC RATE: 4.5 BPM @ 3000 PSI. R/R: 5.3 BPM @ 950 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #22 CFP @ 12,119'(TM). DRILL UP IN 8 MIN. CIRC RATE: 4.5 BPM @ 3000 PSI. R/R: 5.3 BPM @ 950 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #23 CFP @ 12,301'(TM). DRILL UP IN 3 MIN. CIRC RATE: 4.5 BPM @ 3000 PSI. R/R: 5.3 BPM @ 950 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #24 CFP @ 12,486'(TM). DRILL UP IN 4 MIN. CIRC RATE: 4.5 BPM @ 3000 PSI. R/R: 5.3 BPM @ 950 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO #25 CFP @ 12,660'(TM). DRILL UP IN 4 MIN. CIRC RATE: 4.5 BPM @ 3000 PSI. R/R: 5.3 BPM @ 950 PSI. CIRC 10 BBL GEL SWEEP W/ 2% KCL & BIOCID. WASH/DRILL TO 12,869'(TM).					
11:45	13:30	1.75	P	WOR	06	CIRC	CIRC 3-20 BBL GEL SWEEPS W/ 2% KCL & BIOCID. DISP W/ 271 BBLs PROD WTR. AFTER CIRC DISP TBG W/ 30 BBLs 2% KCL & BIOCID.					
13:30	14:00	0.50	P	WOR	18	OTHR	HANG BACK PWR SWIVEL IN RIG DERRICK. RU TBG TONGS.					
14:00	16:30	2.50	P	WOR	24	PULD	POOH LD WS TO 8,178'.					
16:30	17:30	1.00	P	WOR	06	CIRC	LATCH WOOLEY PWR SWIVEL OUT OF RIG DERICK. CIRC 2-20 BBL GEL SWEEPS W/ 2% KCL& BIOCID. DISP W/ 175 BBLs PROD WTR. DISP TBG W/ 50 BBLs 2% KCL & BIOCID.					
17:30	18:00	0.50	P	WOR	28	SFTYMTG	HSM. DISCUSS JSA W/ NIGHT CREW ON OPS.					
18:00	18:30	0.50	P	WOR	18	OTHR	RD & LOAD OUT WOOLEY PWR SWIVEL.					
18:30	21:15	2.75	P	WOR	24	PULD	SICP: 1350 PSI. CONT TO POOH LD WS TO 2,018' .65 jts 2 7/8" PH6 WS IN HOLE.					
21:15	22:59	1.73	P	MIRU	33	SNUB	SECURE WS BY CLOSING & LOCKING 2-7/8" SLIP RAMS, 2-7/8" PIPE RAMS, & ANNULAR. INSTALL TIW SAFETY VALVE. RD WOR FLOOR. MIRU SNUBCO SNUB UNIT.					
22:59	23:45	0.77	P	RDMO	02	RDMO	TEST SNUB UNIT TO 250 PSI LOW / 2,500 PSI HIGH. GOOD TEST & CHARTED 15 MIN EACH TEST.					
23:45	02:38	2.88	P	WOR	24	PULD	SICP: 1350 PSI. STRIP POOH W/ REMAINING WS & BHA. CLOSE LMV TO BLEED OFF STACK. LD DO BHA.					
02:38	03:43	1.08	P	RDMO	33	SNUB	CLOSE BLIND RAMS FOR SECONDARY BARRIER. RDMO SNUBCO SNUB UNIT.					
03:43	05:30	1.78	P	WOR	40	WASH	PREP TO FLUSH WELL. FUNCTION SLIP RAMS AND PIPE RAMS TO CLEAR POSSIBLE DEBRIS. FLUSHED CSG VALVES AND FLOW CROSS .RU KELLY HOSE TO KILL VALVE ON BOP STACK.WELL. FLUSH WELL WITH 220 BBLs 2% KCL W/BIOCID.. RACK AND TALLY 2 7/8" 8RD EUE PROD STRING.					
05:30	06:00	0.50	P	WOR	28	SFTYMTG	SAFETY MEETING WITH DAY CREW PERSONNEL					
Daily Operations Comments:												
CASING			FLUIDS				COMPLETION STRING DETAILS					
Size(in)	MD(ft)/TVD(ft)		LOT(ppg)		Fluids Co:		Down Hole Tool Co:			Tool Sup:		
					Fluids Eng:		Qty	Description		ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00				Pit Temp:		1	HANGER		2.502	3.987	25.00
9.625	/ 984.00				Density:		1	1 JT 2 7/8" TUBING 8RD EUE		2.437	3.625	25.50
					Brine Type:		1	2 7/8" PUP		2.437	3.625	58.25
					Gel Type:		240	2 7/8" TUBING 8RD EUE		2.437	3.625	68.35
					Viscosity:			2 7/8" GAUGE CARRIER ASSEMBLY		2.437	4.562	7,653.87
					Nitrogen:		1	2 7/8" PRESSURE PORT/TRANSFER SUB		2.437	4.187	7,662.43
					NTU:		1	2 7/8" TUBING 8RD EUE		2.437	3.625	7,663.23
								ON/OFF TOOL		2.312	3.187	7,695.93
								PACKER		2.312	4.625	7,697.24
FLOWBACK												
Gas Rate:												
Choke Size:												
Avg. Tbg. Press:												
Avg. Csg. Press:												
Fluid Rate (Water):												
Fluid Rate (Oil):												
Tot. Load Recovered:												
PERFORATIONS												
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments					

<div>EP ENERGY</div> <div>Daily Operations Report Onshore</div>				Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00				Report Number: 036 Report Date: 02/13/2017 Spud Date: 10/13/2014 Release Date: DOE: 822 DOL: 36 AFE Days: 3.00 Last BOP T.: CSG Test:			
				Country: USA State: TEXAS Field: WOLFCAMP CENTRAL Supervisors: D. DISOTELL / P. SHUMAKE / G. HELMS / R. ON Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN							
Event: COMPLETION LAND Safety Meeting Topic:				API #: 4238338893							
Location: Lat: 31° 8' 28.16400 N Long: 101° 32' 31.21000 W				Rig: Rig Phone: KB(ft): 2,804.01 POB: 29 Manhours: 336.00							
Current Activity: RIH HYDROTESTING PROD STRING.AT REPORT TIME 24 Hr Summary: WL SET PKR @ 7694'. START RIH WITH PROD STRING. FLD REC FOR DAY: 0 BBLS. FLUID REC FOR JOB: 3640 BBLS. SAND REC FOR DAY: 0 YDS. SAND REC FOR JOB: 25 YDS. 24 Hr Forecast: LAND TBG. RDMO SVC RIG AND ASSOC EQUIP.											
OPERATION DETAILS											
FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION				
06:00	08:30	2.50	P	MIRU	01	MIRU	ORIENTATE PRESSURE CONTROL HAND & E-LINE HAND. MIRU FESCO E-LINE UNIT & STUART PRESSURE CONTROL EQUIP.				
08:30	10:30	2.00	P	WLWORK	36	SFEQ	ROD TEST W/L 5-1/8" 10M DBL HYD W/L VALVE TO 250 PSI LOW / 3,000 PSI HIGH. GOOD TEST & CHARTED 5 MIN EACH TEST.				
10:30	17:30	7.00	N	WLWORK	36	SFEQ	SICP: 1350. PU 4.650" GR/JB. INSTALL 5-1/8" 10M LUB. ATTEMPT TO TEST LUB TO 250 PSI LOW. WHILE MONITORING PRESSURE, THE PRESSURE APPLIED TO THE LUB BEGAN TO CLIMB & STABALIZED @ 1,400 PSI. BEGIN TROUBLE SHOOTING THE PROBLEM. DUE TO THE PRESSURE EQUALIZING NEAR SICP, IT WAS BELIEVED THAT THE LMV WAS LEAKING. CLOSE THE BLIND/SHEAR RAMS & TEST BETWEEN BLIND/SHEAR AND LMV TO 250 PSI LOW / 2,500 PSI HIGH. GOOD TEST. ATTEMPT TO BLEED OFF THE PRESSURE APPLIED TO THE GREASE HEAD BY STUART WPC. THE RETURN HOSE FROM THE GREASE HEAD APPEARS TO BE STOPPED UP. PLACE RETURN HOSE IN THE CELLAR AND PRESSURE UP ON LUB IN AN ATTEMPT TO PUSH GREASE OUT OF HOSE. PRESSURE STILL BEGAN TO CLIMB. THE ACCUMULATOR WAS CHECKED AND NOTICED THE PRESSURE HAD FALLEN TO 0 PSI. THE SYSTEM HYD OIL WAS CHECKED AND IDENTIFIED TO BE EMPTY. OIL WAS PLACED IN THE UNIT. THE SYSTEM RECHARGED, AND OBSERVED CLOSELY WHILE TROUBLE SHOOTING CONTINUED. PRESSURE WAS REAPPLIED TO THE LUB, ONCE THIS TOOK PLACE AS THE PRESSURE WAS CLIMBING ON THE TEST CHART THE PRESSURE WAS FALLING ON THE ACCUMULATOR. RE-TEST BLIND/SHEAR RAMS TO 250 PSI LOW / 2,500 PSI HIGH. GOOD 5 MIN TEST & CHART SAME. DISCUSS MATTER W/ OS(LEE LEWIS) AND HE CONTACTED CE(PRESTON ELLIS) TO DISCUSS OPTIONS FOR MOVING FORWARD. DECISION MADE W/ APPROVAL FROM EM(ALLEN GRUBB) TO ND SINGLE BOP & ANNULAR. NU 7-1/16 5M DBL BOP DRESSED W/ 2-7/8" PIPE RAM ON BTM & BLIND/SHEAR ON TOP, 7-1/16" ANNULAR ON TOP OF EXISTING 7-1/16" 5M DBL BOP. THE BTM DBL BOP WILL BE UTILIZED AS A SHELL ONLY W/ NO HYD HOOKED UP. ACCUMULATOR REPLACED W/ SPARE ON LOC. TEST BLIND/SHEAR RAMS TO 250 PSI LOW / 3,500 PSI HIGH. INSTALL TEST JNT. TEST 2-7/8" PIPE RAMS TO 250 PSI LOW / 3,500 PSI HIGH. TEST ANNULAR TO 250 PSI LOW / 3,000 PSI HIGH. ALL TESTS GOOD & CHARTED 5 MIN EACH TEST.				
17:30	18:00	0.50	N	WOR	28	SFTYMTG	HSM. DISCUSS JSA W/ NIGHT CREW ON OPS.				
18:00	19:15	1.25	N	MIRU	01	MIRU	MIRU FESCO W/L UNIT. NU 5-1/8" 10 LUB. PU 4.650" GR/JB. RU 5-1/8" 10M LUB. TEST LUB TO 250 PSI LOW / 2,500 PSI HIGH. EQUALIZE TO WELL 1850 PSI.				
19:15	21:25	2.17	P	WLWORK	18	OTHR	RIH W/ GR/JB TO 7827". POOH W/ GR/JB. OOH. NO ISSUES				
21:25	23:44	2.32	P	WLWORK	20	PACK	SICP: 1350 PSI. RIH WITH 2 7/8" PUMP OUT PLUG, 2 7/8" X 10' SUB, AS-1 WL SET PKR . SET PKR @ 7694'. POOH WITH TOOLS. TOOLS ON SURFACE. NO ISSUES. 5 MIN NEGATIVE TEST ON PKR. TEST GOOD. NO ISSUES.				
23:44	00:40	0.93	P	RDMO	02	RDMO	RDMO FESCO W/L UNIT.				
00:40	05:30	4.83	P	WOR	24	PULD	PU RIH W/ 4.5" T-2 RET TOOL, 2' PUP JNT 2-7/8" L80 EUE, JET PUMP HOUSING, 2-7/8" L80 EUE TO SURFACE. HYDROTEST EACH JNT TO 5,000 PSI FOR 5 SECONDS. RIH WITH PRODUCTION STRING AT REPORT TIME.				
05:30	06:00	0.50	P	WOR	28	SFTYMTG	SAFETY MEETING WITH DAY CREW PERSONNEL				
Daily Operations Comments:											
CASING			FLUIDS				COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:			Down Hole Tool Co:		Tool Sup:			
			Fluids Eng:			Qty	Description	ID(in)	OD(in)	Top Set(ft)	
13.375	65.00 / 65.00		Pit Temp:			1	HANGER	2.502	3.987	25.00	
9.625	/ 984.00		Density:			1	1 JT 2 7/8" TUBING 8RD EUE	2.437	3.625	25.50	
			Brine Type:			1	2 7/8" PUP	2.437	3.625	58.25	
			Gel Type:			240	2 7/8" TUBING 8RD EUE	2.437	3.625	68.35	
			Viscosity:				2 7/8" GAUGE CARRIER ASSEMBLY	2.437	4.562	7,653.87	
			Nitrogen:			1	2 7/8" PRESSURE PORT/TRANSFER SUB	2.437	4.187	7,662.43	
			NTU:			1	2 7/8" TUBING 8RD EUE	2.437	3.625	7,663.23	
							ON/OFF TOOL	2.312	3.187	7,695.93	
							PACKER	2.312	4.625	7,697.24	
				FLOWBACK							
				Gas Rate:							
				Choke Size:							
				Avg. Tbg. Press:							
				Avg. Csg. Press:							
				Fluid Rate (Water):							
				Fluid Rate (Oil):							
				Tot. Load Recovered:							
PERFORATIONS											
Date	Stage	Top	Bottom	SPF(ft)	FG/BHP(ft)	Separation Method	Comments				



Well Name/Wellbore No.: UNIVERSITY CENTRAL 1135EH/00

Country: USA
State: TEXAS
Field: WOLFCAMP CENTRAL
Supervisors: D. DISOTELL / G. HELMS / R. ONTIVEROS
Engineer/Manager: ELLIS, PRESTON / GRUBB, ALLEN

Report Number: 037
Report Date: 02/14/2017
Spud Date: 10/13/2014
Release Date:
DOE: 823 DOL: 37 AFE Days: 3.00
Last BOP T.: CSG Test:

Event:	COMPLETION LAND		
Safety Meeting Topic:			
Location:	Lat:	31° 8' 28.16400 N	
	Long:	101° 32' 31.21000 W	

API #:	4238338893
Rig:	
Rig Phone:	
KB(ft):	2,804.01
POB: 32	Manhours: 368.00

Current Activity:	WELL COMPLETE. AWAIT FB OPS. FINAL REPORT UNTIL FB.
24 Hr Summary:	COMPLETE RCST. ND BOPE. NU PROD TREE. RDMO WOR & RELATED DO EQUIP. FLD REC FOR DAY: 0 BBLS. FLUID REC FOR JOB: 3640 BBLS. SAND REC FOR DAY: 0 YDS. SAND REC FOR JOB: 25 YDS.
24 Hr Forecast:	MIRU FB.

OPERATION DETAILS

FROM	TO	HRS	OP CODE	PHASE	CODE	ACTIVITY	DESCRIPTION
06:00	08:15	2.25	P	WOR	25	RCST	<p>CONT TO RIH W/ PROD TBG. HYDROTEST PROD TBG TO 5,000 PSI FOR 5 SEC.</p> <p>TAG PKR @ 7.692"(TM). SET 10,000# COMPRESSION. PULL TEST PKR TO 15,000# TENSION.</p> <p>MARK PIPE FOR SPACE OUT. LD 1 JNT PROD TBG. SPACE OUT. INSTALL TBG HGR W/ BPV IN PLACE.</p> <p>PROD TBG RUN AS FOLLOWS:</p> <p>(1)2-7/8" EUE L80</p> <p>6.16' PUP JNT 2-7/8" EUE L80</p> <p>1' PUP JNT 2-7/8" EUE L80</p> <p>(235)2-7/8" EUE L80</p> <p>JET PUMP HOUSING</p> <p>2' PUP JNT 2-7/8" EUE L80</p> <p>O/O TOOL</p> <p>5-1/2"x2-7/8" 10K AS-1X PKR(CHOICE COMPLETIONS)</p> <p>10' PUP JNT 2-7/8" EUE L80</p> <p>WLEG</p>
08:15	10:00	1.75	P	WOR	06	CIRC	<p>SET PUMP TRIPS FOR 800 PSI & TEST TRIPS. CIRC 55 GAL CHAMPION NALCO CORR INHIB.</p> <p>DISP W/ 165 BBLS 2% KCL W/ 10 GAL CHAMPION NALCO PKR FLUID & 20 GAL BIOCID E W/ 2 BPM @ 400 PSI.</p>
10:00	12:30	2.50	P	WOR	18	OTHR	<p>AFTER CIRC, ATTEMPT TO LATCH PKR. AFTER SEVERAL ATTEMPTS, COULD NOT LATCH UP. LD PUP JNTS AND RE-CHECK SPACE OUT. ATTEMPT TO LATCH PKR WITH NO SUCESS. CONT TO WORK PIPE AFTER SEVERAL ATTEMPTS, LATCH PKR. SET 10K DN. RE-MARK FOR SPACE OUT. LD 1 JNT. SPACE OUT W/ 6' PUP & 1' PUP JNT. MU TBG HGR W/ BPV IN PLACE. ATTEMPT TO LATCH PKR W/ NO SUCCESS. AFTER SEVERAL ATTEMPTS, LATCH PKR. PULL 15M TENSION TWICE TO ENSURE LATCH. WITH TBG HGR LANDED RUN IN HOLD DOWN PINS.</p>
12:30	15:00	2.50	P	WOR	16	NUND	ND BOPE. NU 2-9/16" 5M PROD TREE.
15:00	18:00	3.00	P	WOR	36	SFEQ	<p>UTILIZE WEATHERFORD LUB TO REMOVE BPV & INSTALL TWC. TEST VOID TO 5,000 PSI. TEST TREE TO 250 PSI LOW / 5,000 PSI HIGH. GOOD TESTS & CHARTED 5 MIN EACH TEST. UTILIZE LUB TO REMOVE TWC. TEST PKR TO 1,000 PSI. PUMP OUT DISC @ 3400 PSI.</p>
18:00	20:00	2.00	P	RDMO	02	RDMO	<p>HELD SAFETY MEETING WITH NIGHT SHIFT PERSONNEL. RDMO WOR & RELATED DO EQUIP. CLEAN UP LOC.</p>
20:00	06:00	10.00	P	WOR	18	OTHR	NO ACTIVITY.

Daily Operations Comments:

CASING			FLUIDS	COMPLETION STRING DETAILS				
Size(in)	MD(ft)/TVD(ft)	LOT(ppg)	Fluids Co:	Down Hole Tool Co:		Tool Sup:		
	/		Fluids Eng:	Qty	Description	ID(in)	OD(in)	Top Set(ft)
13.375	65.00 / 65.00		Pit Temp:	1	TUBING HANGER	2.438	6.950	25.00
9.625	/ 984.00		Density:	1	2 7/8" L-80, 6.5# TUBING	2.500	2.875	25.50
			Brine Type:	1	TUBING PUP JOINT	2.500	2.875	58.05
			Gel Type:	1	TUBING PUP JOINT	2.500	2.875	64.21
			Viscosity:	235	2 7/8" L-80, 6.5# TUBING	2.500	2.875	65.31
			Nitrogen:	1	JET PUMP	2.313	3.320	7,701.00
			NTU:	1	TUBING PUP JOINT	2.500	2.875	7,704.36
				1	5 1/2" X 2 7/8" T2 ON/OFF TOOL	2.500	4.500	7,706.43
				1	2.313 PROFILE STINGER	2.310	3.188	7,707.43
				1	5 1/2" 15.5-20#, 10K, 2 7/8" EUE AS1-X PACK	2.500	4.625	7,708.08
				1	Tubing, Tubing Pup Joint, ", 6.50 ppf, L-80, ,	2.500	2.875	7,715.03
				1	W/L RE ENTRY W/ POP.	2.441	3.625	7,725.26
			FLOWBACK					
			Gas Rate:					
			Choke Size:					
			Avg. Tbg. Press:					
			Avg. Csg. Press:					
			Fluid Rate (Water):					
			Fluid Rate (Oil):					
			Tot. Load Recovered:					

PERFORATIONS

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