



DAILY DRILLING REPORT

DATE : 08/01/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	80	TVD (ft):	80	DOL:	2	DSS:	-1
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:				AFE #:	11DC120289	API #:	4210541480
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$12,750	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-400-2188	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$167,087	SHOE TD (ft):	

24 Hrs SUMMARY: R/U 20" CONDUCTOR RISER, R/U FLOW LINE EQUIPMENT, P/U 4.5" DP.
CURRENT ACTIVITY: P/U 4 1/2" DRILL PIPE
FORECAST: P/U 4 1/2" DRILL PIPE, SPUD WELL

BHA # :					Trip:			MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	Solids:
					Model:			Comp:	Bret Court
					S/N:			Depth (ft):	Oil:
					MFG:			Water:	10 sec Gel (lb/100ft³):
					Size (in):			MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:			VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):			PV (cP):	CA:
					OUT:			YP (lb/100ft³):	Pm:
					Length (ft):			pH:	Pf:
					Hours:			Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):			WL:	Elec Stab:
					TFA (1/32in²):			HTHP:	MBT:
					WOB (lbs):			FC (1/32"):	ECD (lb/gal):
					P/U Wt:				
					S/O Wt:				
					RPM:				
					ROT Wt:				
					Torque (ft lbf):				
					DRAG:				
					I:				
					O:				
					D:				
					L:				
					B:				
					G:				
					O:				
					R:				

Buoyed Weight (lbs):		Total Length (ft):	
MUD Logging			
Depth (ft):		Max Gas:	
BGG:		Trip Gas:	
CG:		Mud Cut:	
MUD VOLUMES			
DP (bbl):		Reserve Pits (bbl):	
Anulus (bbl):		Active Pits (bbl):	
		LOST (bbl):	

Mud Used	
Mud Additive	Used
ENGINEERING SERVICE	1

SURVEYS					KB Elev (ft): 2,591		GL Elev (ft): 2,566	
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

17.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (49 jts. need repair) Inspected 7/30/12
H.WT. D.P. : 4 1/2" 4 1/2 XH 15 jts. No of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 21 jts. No of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 3 jts. No of well since last inspected 0
Rig Fuel : Used last 24 hrs.: gals., Recived: gals, Total on Loc.: 12299 gal.
STOP: 21 JSA:26



DAILY DRILLING REPORT

DATE : 08/02/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	80	TVD (ft):	80	DOL:	3	DSS:	0
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:				AFE #:	11DC120289	API #:	4210541480
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$77,001	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-400-2188	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$244,088	SHOE TD (ft):	

24 Hrs SUMMARY:

P/U 4 1/2" DRILL PIPE

CURRENT ACTIVITY:

PERFORM PRE SPUD INSPECTION, PREPAIR TO SPUD, STRAP AND CALIPER MAGNET RUN BHA

FORECAST:

MAKE MAGNET RUN TO 80', P/U 12 1/4" BHA, SPUD WELL, DRILL TO 1000', CIRC. B/U, DROP GYRO, POOH

BHA # :				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
Buoyed Weight (lbs): Total Length (ft):				
MUD Logging				
Depth (ft):		Max Gas:		
BGG:		Trip Gas:		
CG:		Mud Cut:		
MUD VOLUMES				
DP (bbl):		Reserve Pits (bbl):		
Annulus (bbl):		Active Pits (bbl):		
		LOST (bbl):		

Trip:
Bit:
Model:
S/N:
MFG:
Size (in):
IADC:
IN (ft):
OUT:
Length (ft):
Hours:
ROP (ft/hr):
TFA (1/32in²):
WOB (lbs):
P/U Wt:
S/O Wt:
RPM:
ROT Wt:
Torque (ft lbf):
DRAG:
I:
O:
D:
L:
B:
G:
O:
R:

MUD PROPERTIES	
Time:	Solids:
Comp:	Bret Court
Depth (ft):	Oil:
Water:	10 sec Gel (lb/100ft³):
MW (lb/gal):	10 min Gel (lb/100ft³):
VISC (s/qt):	30 min Gel (lb/100ft³):
PV (cP):	CA:
YP (lb/100ft³):	Pm:
pH:	Pf:
Chl:	Ex Lime (lb/bbl):
WL:	Elec Stab:
HTHP:	MBT:
FC (1/32"):	ECD (lb/gal):

Mud Used	
Mud Additive	Used
ENGINEERING SERVICE	1

SURVEYS					KB Elev (ft): 2,591 GL Elev (ft): 2,566		
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours		
06:00	18:00	12.00	DRILL	PICKUP	CONTINUE TO PICK UP AND RACK BACK 4-1/2" DRILL PIPE. 70 STANDS RACKED BACK.		
18:00	04:30	10.50	DRILL	PICKUP	PICK UP 4 1/2" DRILL PIPE OFF DECK AND RACKING IN DERRICK (TOTAL 141 STDS.)		
04:30	06:00	1.50	DRILL	RIGU	PERFORM PRE SPUD INSPECTION , PREPARE TO SPUD, LAY OUT AND CALIPER MAGNET BHA.		

HYDRAULICS			
Std. Pipe (psi):		Total GPM (Gals/min):	
Total SPM:		AV(DC) (ft/min):	
AV(DP) (ft/min):		PSI Drop (psi):	
Jet Vel (ft/s):		HP/in2 (HP/in²):	
Bit HP (HP):			
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:	07/24/2012		
CSG:	07/24/2012		
Test MW:			
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:		07/21/2012	
Fire Drill:		07/16/2012	
Evac Drill:		07/08/2012	
Safety Meeting:		08/02/2012 05:30	
Spills Reported (Y/N):			
Accidents(S)(Y/N):			

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (49 jts. need repair) Inspected 7/30/12

H.W.T. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0

D. C. Size: 6 1/2" 4 1/2 XH 21 jts. No. of well since last inspected 0

D. C. Size: 8" 6 5/8 Reg. 3 jts. No. of well since last inspected 0

Rig Fuel : Used last 24 hrs.: 858 gals., Recived: gals, Total on Loc.: 11441 gal.

STOP: 11 JSA:11



DAILY DRILLING REPORT

DATE : 08/03/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	1,000	TVD (ft):	1,000	DOL:	4	DSS:	1
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	920			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	14.50			AFE #:	11DC120289	API #:	4210541480
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	63.45	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$40,556	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-400-2188	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$284,644	SHOE TD (ft):	987

24 Hrs SUMMARY:	MAKE MAGNET RUN TO 80', P/U 12 1/4" BHA, SPUD WELL, DRILL TO 1000', CIRC. B/U
CURRENT ACTIVITY:	CIRCULATING AT 1,000'
FORECAST:	RUN GYRO, POOH, N/D FLOW LINE AND 20" RISER, R/U RUN 9 5/8" CSG, CIRC, CMT.

BHA # : 01					Trip: 1		MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	1		Time:	02:02 Solids:	0.5
1	POLY-CRYSTALLINE BIT	8.750	2.375	1.00	Model:	U616M		Comp:	Bret Court	
1	MUD MOTOR 1.75 Fixed	6.500		25.29	S/N:	13207		Depth (ft):	311 Oil:	
1	FLOAT SUB	6.500	2.375	2.65	MFG:	ULTERRA		Water:	100 10 sec Gel (lb/100ft³):	0
1	STABILIZER	6.750	2.500	5.61	Size (in):	12.250		MW (lb/gal):	8.5 10 min Gel (lb/100ft³):	0
1	DRILL COLLAR	6.500	3.250	30.02	IADC:			VISC (s/qt):	34 30 min Gel (lb/100ft³):	0
1	STABILIZER	6.875	2.562	5.50	IN (ft):			PV (cP):	2 CA:	
1	MONEL DRILL COLLAR	6.500	2.875	30.83	OUT:			YP (lb/100ft³):	0 Pm:	0.0
1	HANG OFF SUB	6.500	3.250	5.98	Length (ft):	920.00		pH:	9.5 Pf:	0.1
1	FLEX MONEL	6.500	2.875	30.77	Hours:	15		Chl:	1900 Ex Lime (lb/bbl):	
12	DRILL COLLAR	6.500	2.750	372.19	ROP (ft/hr):	63.45		WL:	Elec Stab:	
12	HEAVY WT. DRILL PIPE	4.500		364.85	TFA (1/32in²):	0.0207		HTHP:	MBT:	
Buoyed Weight (lbs): 58584 Total Length (ft): 874.69					WOB (lbs):	10.00		FC (1/32"):	ECD (lb/gal):	8.5
					P/U Wt:			Mud Used		
					S/O Wt:			Mud Additive		
					RPM:			Used		
					ROT Wt:			DRILLING PAPER		
					Torque (ft lbf):			ENGINEERING SERVICE		
					DRAG:			FEDERAL BENTONITE		
					I:	1		LIME		
					O:	2		SODA ASH		
					D:	BT				
					L:	A				
					B:					
					G:	I				
					O:	NO				
					R:	TD				

SURVEYS					KB Elev (ft): 2,591		GL Elev (ft): 2,566	
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
19:30	04:00	8.50	DRILL	DRIL	ROTARY DRILLED FROM 308' TO 1000', 692', ROP 125'/HR., WOB 0/10, RPM 90, TORQUE 3000/5500, SPM 150, GPM 575, MUD WT. 8.5# - PUMPED 15 BBL LCM SWEEPS TWICE PER STD., DROPE THREE SOAP STICKS DOWN DRILL PIPE EACH CONN. (LCM PILLS MADE FROM 100 BBLs. FRESH WATER, 2 SX. SODA ASH, 1 SX. LIME, FRESH GEL FOR 55 VIS. AND 2 SX PAPER)
04:00	05:00	1.00	DRILL	CIRC	PUMPED 50 BBL. HI. VIS. LCM PILL AND CIRCULATED TWO HOLE VOL. AT 150 SPM, 575 GPM, PSI 957 , RPM 90, FULL RETURNS
05:00	06:00	1.00	DRILL	CIRC	- 180 SPM, 1290 PSI, ROT. 90, FULL RETURNS - PUMPED THIRD 50 BBL. HI. VIS. LCM PILL
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/04/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	1,000	TVD (ft):	1,000	DOL:	5	DSS:	2
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:				AFE #:	11DC120289	API #:	4210541480
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$49,435	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-400-2188	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$334,079	SHOE TD (ft):	987

24 Hrs SUMMARY:	POOH, L/D DRILL COLLARS, N/D 20" RISER, CHANGE SWIVEL PACKING, R/U CSG. CREW, RUN CSG. TO 683
CURRENT ACTIVITY:	WAIT ON 5 JTS. 9 5/8" CSG. FROM PATTERSON 239
FORECAST:	FINISH RUNNING CSG., CEMENT, WOC , N/D LANDING JT., N/U BOP, TEST BOP

BHA # : 01					Trip: 1		MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	1		Time:	06:11 Solids:	2.7
1	POLY-CRYSTALLINE BIT	8.750	2.375	1.00	Model:	U616M		Comp:	Bret Court	
1	MUD MOTOR 1.75 Fixed	6.500		25.29	S/N:	13207		Depth (ft):	1,000 Oil:	
1	FLOAT SUB	6.500	2.375	2.65	MFG:	ULTERRA		Water:	100 10 sec Gel (lb/100ft³):	0
1	STABILIZER	6.750	2.500	5.61	Size (in):	12.250		MW (lb/gal):	8.7 10 min Gel (lb/100ft³):	0
1	DRILL COLLAR	6.500	3.250	30.02	IADC:			VISC (s/qt):	34 30 min Gel (lb/100ft³):	0
1	STABILIZER	6.875	2.562	5.50	IN (ft):			PV (cP):	3 CA:	
1	MONEL DRILL COLLAR	6.500	2.875	30.83	OUT (ft):	1000.00		YP (lb/100ft³):	0 Pm:	0.0
1	HANG OFF SUB	6.500	3.250	5.98	Length (ft):	920.00		pH:	10.0 Pf:	0.2
1	FLEX MONEL	6.500	2.875	30.77	Hours:	15		Chl:	1700 Ex Lime (lb/bbl):	
12	DRILL COLLAR	6.500	2.750	372.19	ROP (ft/hr):	63.45		WL:	Elec Stab:	
12	HEAVY WT. DRILL PIPE	4.500		364.85	TFA (1/32in²):	0.0207		HTHP:	MBT:	
					WOB (lbs):	10.00		FC (1/32"):	ECD (lb/gal):	
					P/U Wt:			Mud Used		
					S/O Wt:			Mud Additive		Used
					RPM:					
					ROT Wt:					
					Torque (ft lbf):					
					DRAG:					
					I:	1				
					O:	2				
					D:	BT				
					L:	A				
					B:					
					G:	I				
					O:	NO				
					R:	TD				

Buoyed Weight (lbs): 58378 Total Length (ft): 874.69

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft): 2,591	GL Elev (ft): 2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	CIRC	CIRCULATE 50 BBL. HIGH VIS. SWEEP AROUND WELL, MONITOR SHAKERS UNTIL WELL CLEARS OF CUTTINGS FOR RUNNING CASING.
07:00	08:00	1.00	DRILL	LOG	PJSM, R/U VAUGHN W/L & RUN GYRO ON WELL.
08:00	09:00	1.00	DRILL	CASE	CBU BEFORE TOH W/ 12.25" BHA & 4.5" DP.
09:00	12:30	3.50	DRILL	TOH	TOH W/ 12.25" BHA & 4.5" DP.
12:30	13:30	1.00	DRILL	RUCASE	LEVEL DERRICK TO RUN 9.625", #40, J-55, BTC CASING IN WELL.
13:30	15:00	1.50	DRILL	RIGD	NIPPLE DOWN CONDUCTOR RISER.
15:00	15:30	0.50	DRILL	SERV	CHANGE SWIVEL PACKING
15:30	16:30	1.00	DRILL	RUCASE	CHANGED SAVER SUB FROM 4 1/2 XH TO 4 1/2 IF
16:30	19:30	3.00	DRILL	RUCASE	R/U H & P 9 5/8" CSG. TOOLS AND CRT
19:30	01:00	5.50	DRILL	CASE	M/U 9 5/8" DAVIS LYNCH FLOAT SHOE, ONE JT. OF 9 5/8" CSG., 9 5/8" DAVIS LYNCH FLOAT COLLAR - TIH WITH 9 5/8" 40#, J-55 BUTT. CSG. TO 683' (LAYED DOWN 5 JTS. CSG. WITH GALDED THREADS)
01:00	06:00	5.00	DRILL	RUCASE	WAIT ON 5 JTS. OF 9 5/8" CSG. FROM PATTERSON RIG 239

24.00 = Total Hours Today

GENERAL COMMENTS :	
Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (49 jts. need repair) Inspected 7/30/12	
H.W.T. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0	
D. C. Size: 6 1/2" 4 1/2 XH 21 jts. No. of well since last inspected 0	
D. C. Size: 8" 6 5/8 Reg. 3 jts. No. of well since last inspected 0	
Rig Fuel : Used last 24 hrs.: 695 gals., Recived: gals, Total on Loc.: 9888 gal.	
STOP: 11 JSA:11	

HYDRAULICS			
Std. Pipe (psi):	Total GPM (Gals/min):	0	
	Total SPM:	0	
AV(DP) (ft/min):	0.0	AV(DC) (ft/min):	0.0
Jet Vel (ft/s):	0.00	PSI Drop (psi):	0.000
Bit HP (HP):	0.00	HP/in2 (HP/in²):	0.00
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			

SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			

Safety		
Test	Date	Pressure
BOP:	07/24/2012	
CSG:	07/24/2012	

Test MW:	
Test TVD (ft):	
Test Prsr (psi):	
LOT/FIT:	
BOP Drill:	07/21/2012
Fire Drill:	07/16/2012
Evac Drill:	07/08/2012
Safety Meeting:	08/04/2012 05:30
Spills Reported (Y/N):	
Accidents(S)(Y/N):	

WELL:	UNIVERSITY 46 1304H	MD (ft):	1,000	TVD (ft):	1,000	DOL:	6	DSS:	3
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:				AFE #:	11DC120289	API #:	4210541480
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$118,867	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-400-2188	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$452,946	SHOE TD (ft):	987

24 Hrs SUMMARY:	FIN. RUNNING 9 5/8" CSG., CIRC., CEMENT, N/U BOP'S, LINES, VALVES AND FLOW LINE, TEST BOP
CURRENT ACTIVITY:	CONTINUE TESTING BOP.
FORECAST:	FINISH RUNNING CSG., CEMENT, WOC, N/D LANDING JT., N/U BOP, TEST BOP

BHA # : 01				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
1	POLY-CRYSTALLINE BIT	8.750	2.375	1.00
1	MUD MOTOR 1.75 Fixed	6.500		25.29
1	FLOAT SUB	6.500	2.375	2.65
1	STABILIZER	6.750	2.500	5.61
1	DRILL COLLAR	6.500	3.250	30.02
1	STABILIZER	6.875	2.562	5.50
1	MONEL DRILL COLLAR	6.500	2.875	30.83
1	HANG OFF SUB	6.500	3.250	5.98
1	FLEX MONEL	6.500	2.875	30.77
12	DRILL COLLAR	6.500	2.750	372.19
12	HEAVY WT. DRILL PIPE	4.500		364.85
Buoyed Weight (lbs):		Total Length (ft):		874.69
MUD Logging				
Depth (ft):		Max Gas:		
BGG:		Trip Gas:		
CG:		Mud Cut:		
MUD VOLUMES				
DP (bbl):		Reserve Pits (bbl):		1,145
Annulus (bbl):		Active Pits (bbl):		
		LOST (bbl):		
Trip:		1		
Bit:				
Model:		U616M		
S/N:		13207		
MFG:		ULTERRA		
Size (in):		12.250		
IADC:				
IN (ft):				
OUT (ft):		1000.00		
Length (ft):		920.00		
Hours:		15		
ROP (ft/hr):		63.45		
TFA (1/32in²):		0.0207		
WOB (lbs):		10.00		
P/U Wt:				
S/O Wt:				
RPM:				
ROT Wt:				
Torque (ft lbf):				
DRAG:				
I:		1		
O:		2		
D:		BT		
L:		A		
B:				
G:		I		
O:		NO		
R:		TD		
MUD PROPERTIES				
Time:		02:20 Solids:		0.6
Comp:		Bret Court		
Depth (ft):		1,000 Oil:		
Water:		99 10 sec Gel (lb/100ft³):		0
MW (lb/gal):		10 min Gel (lb/100ft³):		0
VISC (s/qt):		36 30 min Gel (lb/100ft³):		0
PV (cP):		3 CA:		
YP (lb/100ft²):		0 Pm:		0.0
pH:		10.0 Pf:		0.2
Chl:		1500 Ex Lime (lb/bbl):		
WL:		Elec Stab:		
HTHP:		MBT:		
FC (1/32"):		ECD (lb/gal):		
Mud Used				
Mud Additive				Used
ENGINEERING SERVICE				1

SURVEYS					KB Elev (ft):	2,591	GL Elev (ft):	2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours			
06:00	08:00	2.00	DRILL	WOE	WAIT ON 5 JOINTS OF CASING FROM PATTERSON 239.			
08:00	09:30	1.50	DRILL	RUCASE	UNLOAD 9.625" J-55 CASING, PJSM, R/U BYRD CASING CREW TONGS, FIRST SET OF POWER TONGS HAD EQUIPMENT FAILURE.			
09:30	10:00	0.50	DRILL	LAYDN	L/D ONE JOINT OF 9.625" CASING W/ BAD COUPLING.			
10:00	12:00	2.00	DRILL	CASE	RIH W/ 6-JOINTS OF 9.625", J-55, #40, BTC CASING, TORQUE TO 9630 PER BHP PROG. AND DIAMOND ON MAKE UP OF CASING THREADS. SHOE AT 986.80'			
12:00	13:30	1.50	DRILL	RIGU	PJSM, R/U HALLIBURTON CEMENTING TEAM AND ALL RELATED EQUIPMENT.			
13:30	14:30	1.00	DRILL	CMTPRI	TEST CEMENTING LINES TO 250/3000 psi, PUMP 20 bbls. OF 8.4 FRESHWATER SPACER, PUMP 111 BBLs OF 12.9 ppg ECONOCEM HLTRRC CEMENT lead cement, PUMP 89 bbls. OF 14.8 ppg HALCEM-C tail cement,DISPLACE W/ 10.0 ppg, BRINE WATER, 50 bbls CEMENT RETURNS TO SURFACE, BUMPED PLUG W/ 71bbls DISPLACEMENT, HELD PRESSURE 500 PSI OVER FINAL BUMP PRESSURE FOR 5 MIN. FLOATS HELD, BLED BACK 1 bbl. OF WATER TO TRUCK TANK. HAD FULL RETURNS THE ENTIRE JOB. CEMENT DID NOT FALL BACK.			

HYDRAULICS			
Std. Pipe (psi):		Total GPM (Gals/min):	
		Total GPM:	
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):		0.00	PSI Drop (psi):
Bit HP (HP):		HP/in2 (HP/in²):	
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):	11.000	11.000	
Liner Id (in):	6.000	6.000	
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:	08/05/2012	5000	
CSG:	08/05/2012		
Test MW:			
Test TVD (ft):			
Test Prsr (psi):			
LOT/FIT:			
BOP Drill:		08/05/2012	
Fire Drill:		07/16/2012	
Evac Drill:		07/08/2012	
Safety Meeting:		08/05/2012 05:00	
Spills Reported (Y/N):			
Accidents(S)(Y/N):			

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (49 jts. need repair) Inspected 7/30/12
H.W.T. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 21 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 3 jts. No. of well since last inspected 0
Rig Tool : Used last 24 hrs.: 592 gals., Recived: gals, Total on Loc.: 9296 gal.
STOP: 12 JSA:14

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
14:30	15:00	0.50	DRILL	RIGD	PJSM, R/D HALLIBURTON CEMENTING TEAM AND ALL RELATED CEMENTING EQUIPMENT.
15:00	16:00	1.00	DRILL	RIGD	N/D AND L/D LANDING JT.
16:00	17:00	1.00	DRILL	RIGD	R/D H & P CRT
17:00	23:30	6.50	DRILL	BOPNUND	INSTALL VALVE ON CASING HEAD, INSTALL 11" 5M SPACER SPOOL, SET BOP STACK, NIPPLE UP BOP, INSTALL ROTATING HEAD BOWL, INSTALL ORBIT VALVE, FLOW LINE, CHOKE LINE, KILL LINE, FILL UP LINE, MAKE UP KOOMEY HOSES TO BOP
23:30	05:00	5.50	DRILL	BOPTTEST	TESTED BOP'S (BLIND RAMS, PIPE RAMS, CHOKE LINE, KILL LINE, VALVES AND CHOKE MANIFOLD TO 200# LO AND 5000# HI.) TESTED FROM DRILLER CABIN AND FUNCTIONED FROM KOOMEY UNIT, TESTED ANNULAR TO 200# AND 3500#
05:00	06:00	1.00	DRILL	BOPTTEST	CHANGE OUT SAVER SUB ON TOP DRIVE FROM 4 1/2" IF TO 4 1/2" XH
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/06/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	1,000	TVD (ft):	1,000	DOL:	7	DSS:	4
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	1.50			AFE #:	11DC120289	API #:	4210541480
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$71,095	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-400-2188	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$524,041	SHOE TD (ft):	987

24 Hrs SUMMARY: TEST BOP STACK & RELATED EQUIP., INSTALL W.B., INSTALL ROT. HEAD, P/U DCV'S & 8.750 BHA, TEST CASING, WORK ON T.D.
CURRENT ACTIVITY: DRILLING FLOAT EQUIPMENT AND SHOE TRACK
FORECAST: DRILL AND SURVEY 8 3/4" VERTICAL HOLE SECTION

BHA # : 02					Trip: 2		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	2	Time:	22:00 Solids:
1	POLY-CRYSTALLINE BIT	8.750	2.375	1.00	Model:	FX55DR		0.6
1	MUD MOTOR 1.75 Fixed	6.500		25.29	S/N:	11922168	Comp:	Bret Court
1	FLOAT SUB	6.500	2.375	2.65	MFG:	SECURITY	Depth (ft):	1,000 Oil:
1	STABILIZER	6.750	2.500	5.61	Size (in):	8.750	Water:	10 sec Gel (lb/100ft³): 0
1	DRILL COLLAR	6.500	3.250	30.02	IADC:		MW (lb/gal):	10.0 10 min Gel (lb/100ft³): 0
1	STABILIZER	6.875	2.560	5.50	IN (ft):		VISC (s/qt):	28 30 min Gel (lb/100ft³): 0
1	MONEL DRILL COLLAR	6.500	2.875	30.83	OUT:		PV (cP):	1 CA: 400
1	HANG OFF SUB	6.500	3.250	5.98	Length (ft):		YP (lb/100ft³):	0 Pm: 0.0
1	FLEX MONEL	6.500	2.875	30.77	Hours:		pH:	9.8 Pf: 0.1
12	DRILL COLLAR	6.500	2.750	372.19	ROP (ft/hr):		Chl:	165000 Ex Lime (lb/bbl):
12	HEAVY WT. DRILL PIPE	4.500	2.750	364.85	TFA (1/32in):	0.0173	WL:	Elec Stab:
Buoyed Weight (lbs): 50800 Total Length (ft): 874.69					WOB (lbs):		HTHP:	MBT:
					P/U Wt:		FC (1/32"): ECD (lb/gal):	
					S/O Wt:		Mud Used	
					RPM:		Mud Additive	
					ROT Wt:		Used	
					Torque (ft lbf):		CAUSTIC SODA	2
					DRAG:		CONQOR 404	2
					I:		ENGINEERING SERVICE	1
					O:		SODA ASH	10
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

SURVEYS					KB Elev (ft): 2,591 GL Elev (ft): 2,566			HYDRAULICS					
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	Std. Pipe (psi):		Total GPM (Gals/min):		0	
										Total SPM:		0	
								AV(DP) (ft/min): 0.0		AV(DC) (ft/min):		0.0	
								Jet Vel (ft/s): 0.00		PSI Drop (psi):		0.000	
								Bit HP (HP): 0.00		HP/in2 (HP/in²):		0.00	
		PUMP#1	PUMP#2		PUMP#3								
#Cyl:													
S.L. (in):													
Liner Id (in):													
SPM:													
Rod Dia (in):													
Eff %:													
GPM (Gals/min):													
SLOW PUMP RATES													
Depth (ft):													
SPM:													
PRSR (psi):													
Safety													
Test		Date		Pressure									
BOP:		08/05/2012		5000									
CSG:		08/05/2012		2000									
Test MW:													
Test TVD (ft):													
Test Prsr (psi):													
LOT/FIT:													
BOP Drill:		08/05/2012											
Fire Drill:		07/16/2012											
Evac Drill:		07/08/2012											
Safety Meeting:		08/06/2012 05:00											
Spills Reported (Y/N):													
Accidents(S)(Y/N):													

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	09:00	3.00	DRILL	BOPTST	TEST BOP STACK, 4" STANDPIPE, MANUAL CHOKE, & OTHER RELATED WELL CONTROL EQUIPMENT 250/5000 psi. TEST ANNULAR 250/3500 psi PER bhp PROCEDURES. CHART ALL TESTS.
09:00	09:30	0.50	DRILL	BOPNUND	GREASE & INSTALL WEAR BUSHING IN WELLHEAD.
09:30	10:30	1.00	DRILL	TESTCSG	TEST SURFACE CASING TO 2,000 psi PER PROCEDURE.
10:30	11:30	1.00	DRILL	BOPNUND	INSTALL ROTATING HEAD CLAMP.
11:30	12:00	0.50	DRILL	PICKUP	LAY OUT & STRAP 8.750" BHA.
12:00	13:00	1.00	DRILL	PICKUP	P/U HALLIBURTON FXD55DR PDC 8.750" & SCIENTIFIC DRILLING MM.
13:00	14:00	1.00	DRILL	CUTDL	SLIP & CUT 80' OF DRILL LINE PER H&P TON MILE GUIDELINES.
14:00	17:30	3.50	DRILL	PICKUP	P/U & STRAP 6.5" DC's TO DRILL 8.750" VERTICAL SECTION OF WELL.
17:30	19:30	2.00	DRILL	PICKUP	CONTINUE TO P/U 8.750" BHA TO DRILL VERTICLE SECTION. INSTALL SCIENTIFIC MWD IN HANG OFF SUB. ORIENTATE SCRIBE LINE WITH BEND IN MUD MOTOR - SURFACE TEST MWD TOOLS.
19:30	21:30	2.00	DRILL	TIH	TIH TO 869'.

24.00 = Total Hours Today

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (49 jts. need repair) Inspected 7/30/12
H.WT. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 21 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 3 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 715 gals., Recived: gals, Total on Loc.: 8581 gal.
STOP: 12 JSA:15

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
21:30	22:00	0.50	DRILL	SERV	SERVICE RIG & TOP DRIVE PER H&P SPECS.
22:00	03:30	5.50	DRILL	WOE	WAIT ON HYDRAULIC PARTS TO REPLACE TOP DRIVE GRABBER BOX.
03:30	04:30	1.00	DRILL	WOE	CHANGED OUT GRABBER BOX ON TOP DRIVE.
04:30	06:00	1.50	DRILL	DRIL	TIH TAG CMT. SCALE AT 915' - WASH AND REAM TO 934' TAG RUBBER PLUG, DRLG. PLUG, FLOAT COLLAR, CEMENT IN SHOE TRACK AND FLOAT SHOE.
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/07/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	1,600	TVD (ft):	1,600	DOL:	8	DSS:	5
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	7.50			AFE #:	11DC120289	API #:	4210541480
REGION:	MID-CON REGION	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$94,072	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-400-2188	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$618,113	SHOE TD (ft):	987

24 Hrs SUMMARY: PERFORM LOT, DRLG TO 1441', POOH, TIH, RUN GYRO, POOH, WEIGHT ON GYRO TO GO IN DOWN HOLE TOOLS, TIH, DRLG.
CURRENT ACTIVITY: DRILLING VERTICAL HOLE SECTION AT 1600'
FORECAST: ROTARY AND SLIDE DRILL AND SURVEY 8 3/4" VERTICAL HOLE SECTION

BHA # : 02					Trip: 2		MUD PROPERTIES				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	2		Time:	22:46	Solids:	3.0
1	POLY-CRYSTALLINE BIT	8.750	2.375	1.00	Model:	FX55DR		Comp:	Bret Court		
1	MUD MOTOR 1.75 Fixed	6.500		25.29	S/N:	11922168		Depth (ft):	1,441	Oil:	
1	FLOAT SUB	6.500	2.375	2.65	MFG:	SECURITY		Water:		10 sec Gel (lb/100ft³):	0
1	STABILIZER	6.750	2.500	5.61	Size (in):	8.750		MW (lb/gal):	9.9	10 min Gel (lb/100ft³):	0
1	DRILL COLLAR	6.500	3.250	30.02	IADC:			VISC (s/qt):	30	30 min Gel (lb/100ft³):	0
1	STABILIZER	6.875	2.560	5.50	IN (ft):			PV (cP):	2	CA:	
1	MONEL DRILL COLLAR	6.500	2.875	30.83	OUT (ft):	4771.00		YP (lb/100ft³):	0	Pm:	0.0
1	HANG OFF SUB	6.500	3.250	5.98	Length (ft):			pH:		Pf:	0.1
1	FLEX MONEL	6.500	2.875	30.77	Hours:			Chl:	160000	Ex Lime (lb/bbl):	
12	DRILL COLLAR	6.500	2.750	372.19	ROP (ft/hr):			WL:		Elec Stab:	
12	HEAVY WT. DRILL PIPE	4.500	2.750	364.85	TFA (1/32in²):	0.0173		HTHP:		MBT:	
Buoyed Weight (lbs): 50892 Total Length (ft): 874.69					WOB (lbs):	30.00		FC (1/32"):		ECD (lb/gal):	9.9
P/U Wt:								Mud Used			
S/O Wt:								Mud Additive		Used	
RPM:						175		CAUSTIC SODA		1	
ROT Wt:								DRILLING PAPER		2	
Torque (ft lbf):								ENGINEERING SERVICE		1	
DRAG:								MF-55		1	
I:								SALT 96%		35	
O:								SALT GEL		20	
D:											
L:											
B:											
G:											
O:											
R:											
MUD VOLUMES											
DP (bbl):		Reserve Pits (bbl):									
Anulus (bbl):		Active Pits (bbl):									
		LOST (bbl):									

SURVEYS					KB Elev (ft): 2,591		GL Elev (ft): 2,566	
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.W.T. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 1000 gals., Recived: 5000 gals, Total on Loc.: 12585 gal.
STOP: 12 JSA: 22
BIT TO BEND ON M.M. 5.45'
BIT TO GYRO 80'
REVS PER GALLON .28

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
20:00	23:00	3.00	DRILL	WOE	WAIT ON SCIENTIFIC GYRO TO RUN WITH MWD TOOLS - TOOL ARRIVED AT LOCATION AT 2300 HR. , PROGRAM MWD TOOLS
23:00	00:30	1.50	DRILL	WOE	PROGRAM MWD TOOLS
00:30	01:00	0.50	DRILL	TIH	INSTALL MWD TOOLS AND PERFORM SURFACE TEST
01:00	02:30	1.50	DRILL	TIH	TIH TO 1441', OBSERVE DISPLACEMENT ON TRIP TANK
02:30	04:00	1.50	DRILL	DRIL	ORIENTATED TOOL FACE TO 60 DEG. - SLIDE DRILL FROM 1441' TO 1466', 25', ROP 25'/HR., MMRPM 129, SPM 120, GPM 460, WOB 5K, DIFF. PRESSURE 200#, OFF/ON BTM. P.P. 1500/1700#, FLOW 60, MUD WT. 10.0# - ALARMS: FLOW +/- 10, PVT +/- 15 BBLs. P.P. - 100# + 300#
04:00	06:00	2.00	DRILL	DRIL	ROTARY DRILL FROM 1466' TO 1600', 134', 67'/HR., WOB 5K, RPM 60, MM.RPM 129, TORQUE 2K, SPM 120, OFF/ON BTM P.P. 1500/1800, DIFF. 300#, FLOW 66 - ALARMS: FLOW +/- 10, PVT +/- 15 BBLs. P.P. - 100# + 300#
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/08/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	4,740	TVD (ft):	4,739	DOL:	9	DSS:	6
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	3,740			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	23.00			AFE #:	11DC120289	API #:	4210541480
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	162.61	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$53,199	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-400-2188	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$671,312	SHOE TD (ft):	987

24 Hrs SUMMARY:	DRILLING TO KOP
CURRENT ACTIVITY:	DRILLING VERTICAL HOLE SECTION AT 4740'
FORECAST:	DRILL TO KOP, POOH, C/O BHA, TIH, BUILD CURVE

BHA # : 02					Trip: 2		MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	2	Time:	00:49 Solids:		
1	POLY-CRYSTALLINE BIT	8.750	2.375	1.00	Model:	FX55DR	Comp:	Bret Court		
1	MUD MOTOR 1.75 Fixed	6.500		25.29	S/N:	11922168	Depth (ft):	3,896 Oil:		
1	FLOAT SUB	6.500	2.375	2.65	MFG:	SECURITY	Water:	97 10 sec Gel (lb/100ft³):		
1	STABILIZER	6.750	2.500	5.61	Size (in):	8.750	MW (lb/gal):	10.0 10 min Gel (lb/100ft³):		
1	DRILL COLLAR	6.500	3.250	30.02	IADC:		VISC (s/qt):	30 30 min Gel (lb/100ft³):		
1	STABILIZER	6.875	2.560	5.50	IN (ft):		PV (cP):	4 CA:		
1	MONEL DRILL COLLAR	6.500	2.875	30.83	OUT:		YP (lb/100ft³):	0 Pm:		
1	HANG OFF SUB	6.500	3.250	5.98	Length (ft):	3740.00	pH:	Pf:		
1	FLEX MONEL	6.500	2.875	30.77	Hours:	23	Chl:	162000 Ex Lime (lb/bbl):		
12	DRILL COLLAR	6.500	2.750	372.19	ROP (ft/hr):	162.61	WL:	Elec Stab:		
12	HEAVY WT. DRILL PIPE	4.500	2.750	364.85	TFA (1/32in²):	0.0173	HTHP:	MBT:		
					WOB (lbs):		FC (1/32"):	ECD (lb/gal):		
					P/U Wt:	140000	Mud Used			
					S/O Wt:	134000				
					RPM:		Mud Additive			
					ROT Wt:	137000				
					Torque (ft lbf):	6000.00	CAUSTIC SODA	4		
					DRAG:		CONQOR 404	2		
					I:		DEFOAM A	1		
					O:		DRILLING PAPER	6		
					D:		LIME	6		
					L:		MF-55	2		
					B:		SALT 96%	20		
					G:		SODA ASH	8		
					O:		Mud VOLUMES			
					R:					



DAILY DRILLING REPORT

DATE : 08/09/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	5,384	TVD (ft):	5,380	DOL:	10	DSS:	7
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	613			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	10.50			AFE #:	11DC120289	API #:	4210541480
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	58.38	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$32,262	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-400-2188	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$703,574	SHOE TD (ft):	987

24 Hrs SUMMARY: DRILL CURVE AND CONTINUE DRILLING LATERAL WITH 8.75 DIRECTIONAL BHA
CURRENT ACTIVITY: TIH, DRILL TO KOP AND BUILD CURVE
FORECAST: BUILDING CURVE WITH 1.75 FIXED DIRECTIONAL BHA

BHA # : 03					Trip: 3		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	3	Time:	00:45 Solids:
1	BIT	8.750	2.500	1.00	Model:	FXD55M	Comp:	Bret Court
1	MUD MOTOR 1.75 Fixed	6.750	4.000	25.82	S/N:	11979025	Depth (ft):	4,771 Oil:
1	FLOAT SUB	6.500	2.375	2.65	MFG:	SECURITY	Water:	98 10 sec Gel (lb/100ft³):
1	MONEL DRILL COLLAR	6.500	2.875	30.83	Size (in):	8.750	MW (lb/gal):	10.1 10 min Gel (lb/100ft³):
1	HANG OFF SUB	6.500	3.250	5.98	IADC:		VISC (s/qt):	29 30 min Gel (lb/100ft³):
1	FLEX MONEL	6.500	2.875	30.77	IN (ft):		PV (cP):	2 CA:
					OUT:		YP (lb/100ft³):	0 Pm:
					Length (ft):	613.00	pH:	Pf:
					Hours:	11	Chl:	158000 Ex Lime (lb/bbl):
					ROP (ft/hr):	58.38	WL:	Elec Stab:
					TFA (1/32in³):	0.0235	HTHP:	MBT:
					WOB (lbs):		FC (1/32"):	ECD (lb/gal):
					P/U Wt:	115		
					S/O Wt:	110		
					RPM:			
					ROT Wt:	112		
					Torque (ft lbf):	1.50		
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs):	7257	Total Length (ft):	97.05
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MUD Logging		
Depth (ft):	5,380	Max Gas: 0
BGG:		Trip Gas: 150
CG:		Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

Mud Used	
Mud Additive	Used
CAUSTIC SODA	2
DRILLING PAPER	2
LIME	2
M-I WATE (BARITE)	50
SALT 96%	10
SALT GEL	5
SODA ASH	6

SURVEYS					KB Elev (ft): 2,591		GL Elev (ft): 2,566	
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
5,300	0.62	335.72	5,299	55.93	55.44	35.88	0.15	
5,142	0.53	313.48	5,141	54.57	53.85	36.15	0.19	
4,954	0.24	345.58	4,953	53.55	52.88	36.88	0.13	
4,764	0.44	13.16	4,763	52.46	51.78	36.81	0.32	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	09:30	3.50	DRILL	DRIL	ROTATE DRILL IN 8.750" VERTICAL SECTION OF WELL W/10.0 mw, 70 rpm, 600 gpm, 2,650 psi, 1 - 3k TORQUE, 100% RETURNS, ROP WENT TO 10 fph, CALLED MANAGEMENT TEAM AND DECISION WAS MADE TO PULL BAH.
09:30	10:30	1.00	DRILL	CIRC	CBU AND CONDITION DRILLING FLUID TO TOH.
10:30	11:00	0.50	DRILL	TOH	TOH W/ 8.750" VERTICAL SECTION, WORK TIGHT HOLE F/ 2,855' T/2,755', ROATAE AND CIRCULATE 1 STAND UNTIL DP PULLED FREE W/O PUMPS OR ROTATION.
11:00	12:00	1.00	DRILL	CIRC	CIRCULATE & WORK DP WHILE CONDITIONING DRILLING FLUID, RAISE MW TO 10.1.
12:00	15:00	3.00	DRILL	TOH	TOH W/ 8.750" BHA & 4.5" DP TO 510'.
15:00	17:30	2.50	DRILL	BHAOP	LAY OUT 6 1/2" DC AND DIRECTIONAL TOOLS.
17:30	18:00	0.50	DRILL	SERV	SERVICE RIG
18:00	18:30	0.50	DRILL	BHAOP	PULL WEAR BUSHING, INSPECT AND REPLACE.
18:30	20:30	2.00	DRILL	BHAOP	PICK UP 8.750" DIRECTIONAL TOOLS & HALLIBURTON FXD55M PDC BIT , SCRIBE AND TEST MWD.
20:30	22:30	2.00	DRILL	TIH	TIH F/ 97' TO 4771' FILLING PIPE EVERY 30 STDS.
22:30	23:00	0.50	DRILL	RIGU	PULL TRIP NIPPLE AND INSTALL ROTATING HEAD.

HYDRAULICS			
Std. Pipe (psi):	2600	Total GPM (Gals/min): 568	
		Total SPM: 148	
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):	242.44	PSI Drop (psi): 530.921	
Bit HP (HP):	176.01	HP/in2 (HP/in²): 2.93	
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):	11.000	11.000	
Liner Id (in):	6.000	6.000	
SPM:	74	74	
Rod Dia (in):			
Eff %:			
GPM (Gals/min):	284	284	
SLOW PUMP RATES			
Depth (ft):			
SPM:	40	40	
PRSR (psi):	350	360	
Safety			
Test	Date	Pressure	
BOP:	08/05/2012	5000	
CSG:	08/05/2012	2000	
Test MW:		10.0	
Test TVD (ft):		1,000	
Test Prsr (psi):		1000	
LOT/FIT:		29.5	
BOP Drill:		08/08/2012	
Fire Drill:		07/16/2012	
Evac Drill:		07/08/2012	
Safety Meeting:		08/07/2012 05:00	
Spills Reported (Y/N):			
Accidents(S)(Y/N):			

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.W.T. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 1427 gals., Recieved: 0 gals, Total on Loc.: 11155 gal.
BIT TO BEND 6.42', BIT TO SENSOR 53', BIT TO GAMMA 41', rev/gal. .285
STOP: 10 JSA: 21
BIT TO BEND ON M.M. 6.42'
BIT TO SURVEY 53'
REVS PER GALLON .28

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
23:00	03:00	4.00	DRILL	DRIL	ROTATE DRILL F/ 4771' T/ 5322', W/10.1 MW, RPM - 70, MRPM'S - 167, TOTAL RPM'S - 237, 600 gpm, 2,650 psi, 2- 5k TORQUE, 100% RETURNS.
03:00	06:00	3.00	DRILL	DRILSCUR	SLIDE DRILL F/ 5322' T/ 5384', TF- HS W/10.1 MW, MRPM'S - 167, TOTAL RPM'S - 128, 460 gpm, 1550 psi, 100% RETURNS.
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/10/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	5,915	TVD (ft):	5,891	DOL:	11	DSS:	8
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	531			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	23.50			AFE #:	11DC120289	API #:	4210541480
REGION:	MID-CON REGION	24Hr ROP (ft/hr):	22.60	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$65,681	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$769,255	SHOE TD (ft):	987

24 Hrs SUMMARY:	DRILL IN BUILD 8.750" SECTION
CURRENT ACTIVITY:	SLIDE & SURVEY IN BUILD SECTION OF WELL
FORECAST:	BUILDING CURVE WITH 1.75 FIXED DIRECTIONAL BHA

BHA # : 03					Trip: 3		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	3	Time:	23:26 Solids:
1	BIT	8.750	2.500	1.00	Model:	FXD55M	Comp:	Bret Court
1	MUD MOTOR 1.75 Fixed	6.750	4.000	25.82	S/N:	11979025	Depth (ft):	5,762 Oil:
1	FLOAT SUB	6.500	2.375	2.65	MFG:	SECURITY	Water:	97 10 sec Gel (lb/100ft³):
1	MONEL DRILL COLLAR	6.500	2.875	30.83	Size (in):	8.750	MW (lb/gal):	10.2 10 min Gel (lb/100ft³):
1	HANG OFF SUB	6.500	3.250	5.98	IADC:		VISC (s/qt):	29 30 min Gel (lb/100ft³):
1	FLEX MONEL	6.500	2.875	30.77	IN (ft):		PV (cP):	3 CA:
					OUT:		YP (lb/100ft³):	0 Pm:
					Length (ft):	1144.00	pH:	Pf:
					Hours:	34	Chl:	159000 Ex Lime (lb/bbl):
					ROP (ft/hr):	33.65	WL:	Elec Stab:
					TFA (1/32in³):	0.0235	HTHP:	MBT:
					WOB (lbs):	12.00	FC (1/32"): ECD (lb/gal):	
					P/U Wt:	131000		
					S/O Wt:	123000		
					RPM:	130		
					ROT Wt:	126000		
					Torque (ft lbf):	1000.00		
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs):	7244	Total Length (ft):	97.05
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MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

Mud Used	
Mud Additive	Used
CAUSTIC SODA	10
CONQOR 404	1
DRILLING PAPER	8
LIME	6
MF-55	2
POLY-PLUS	1
SALT 96%	65
SODA ASH	5

SURVEYS								KB Elev (ft): 2,591		GL Elev (ft): 2,566	
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.				
5,835	27.00	2.96	5,812	189.41	188.65	43.01	4.79				
5,804	25.59	4.19	5,784	175.69	174.94	42.16	4.06				
5,772	24.27	4.37	5,755	162.23	161.49	41.15	5.11				
5,741	22.77	2.87	5,727	149.87	149.15	46.36	4.64				
5,709	21.26	2.35	5,697	137.87	137.16	39.81	3.91				
5,678	20.05	2.43	5,668	126.93	126.23	39.36	4.33				
5,646	18.64	2.26	5,638	116.34	115.64	38.92	5.03				

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	15:00	9.00	DRILL	DRILBBS	SLIDE DRILLING, F/ 5,384' T/ 5,630', 246' @ 37 FPH,TF: HS-90R, WOB:10, SPM: 120, GPM: 460, MTR RPM: 130, ON BTM SPP: 1750, OFF BTM SPP: 1550, DIFF: 150-300, MW/VIS IN: 10.1 / 32, MW/VIS OUT: 10.1 / 32, BG GAS: 20 UNITS, MAX. GAS: 50 UNITS, NO MUD CUT. [(ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), Last Survey, 5,583', 15.92 Inc., 2. Azm., 4.0 DL, need 6.1 to land.
15:00	15:30	0.50	DRILL	SERV	SERVICE RIG
15:30	06:00	14.50	DRILL	DRILRCUR	SLIDE DRILLING, F/ 5,630' T/ 5,915', 285' @ 20 FPH,TF: HS-90R, WOB:10, SPM: 120, GPM: 460, MTR RPM: 130, ON BTM SPP: 1750, OFF BTM SPP: 1550, DIFF: 150-300, MW/VIS IN: 10.1 / 32, MW/VIS OUT: 10.1 / 32, BG GAS: 20 UNITS, MAX. GAS: 50 UNITS, NO MUD CUT. [(ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), Last Survey, 5,583', 15.92 Inc., 2. Azm., 4.0 DL, need 6.1 to land.

24.00 = Total Hours Today	
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HYDRAULICS			
Std. Pipe (psi):	2600	Total GPM (Gals/min):	568
		Total SPM:	148
AV(DP) (ft/min):	0.0	AV(DC) (ft/min):	0.0
Jet Vel (ft/s):	242.44	PSI Drop (psi):	536.178
Bit HP (HP):	177.76	HP/in2 (HP/in²):	2.95
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):	11.000	11.000	
Liner Id (in):	6.000	6.000	
SPM:	74	74	
Rod Dia (in):			
Eff %:			
GPM (Gals/min):	284	284	

SLOW PUMP RATES			
Depth (ft):			
SPM:	40	40	
PRSR (psi):	475	450	

Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000
Test MW:		10.0
Test TVD (ft):		1,000
Test Prsr (psi):		1000
LOT/FIT:		29.5
BOP Drill:		08/08/2012
Fire Drill:		07/16/2012
Evac Drill:		07/08/2012
Safety Meeting:		08/07/2012 05:00
Spills Reported (Y/N):		
Accidents(S)(Y/N):		

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.WT. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 2534 gals., Recieved: 0 gals, Total on Loc.: 8581 gal.
BIT TO BEND 6.42', BIT TO SENSOR 53', BIT TO GAMMA 41', rev/gal. .285
STOP: 10 JSA: 21
BIT TO BEND ON M.M. 6.42'
BIT TO SURVEY 53'
REVS PER GALLON .28



DAILY DRILLING REPORT

DATE : 08/11/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	5,995	TVD (ft):	5,964	DOL:	12	DSS:	9
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	75			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	6.00			AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):	12.50	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$54,018	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$823,273	SHOE TD (ft):	987

24 Hrs SUMMARY:

TIH, DRILL, SHORT TRIP, DRILL

CURRENT ACTIVITY:

SLIDE & SURVEY IN BUILD SECTION OF WELL

FORECAST:

SLIDE & SURVEY IN BUILD SECTION OF WELL DRILL AHEAD IN LATERAL SECTION

BHA # : 5					Trip: 3		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	3	Time:	22:42 Solids:
1	BIT	8.750	2.500	1.00	Model:	FXD55M	Comp:	Bret Court
1	MUD MOTOR 2.0 FIXED	6.750	4.000	19.57	S/N:	11979025	Depth (ft):	5,930 Oil:
1	FLOAT SUB	6.500	2.375	2.65	MFG:	SECURITY	Water:	98 10 sec Gel (lb/100ft³):
1	MONEL DRILL COLLAR	6.500	2.875	30.83	Size (in):	8.750	MW (lb/gal):	10.2 10 min Gel (lb/100ft³):
1	HANG OFF SUB	6.500	3.250	5.98	IADC:		VISC (s/qt):	29 30 min Gel (lb/100ft³):
1	FLEX MONEL	6.500	2.875	30.77	IN (ft):		PV (cP):	4 CA:
					OUT (ft):	0.00	YP (lb/100ft³):	0 Pm:
					Length (ft):	1219.00	pH:	Pf:
					Hours:	40	Chl:	161000 Ex Lime (lb/bbl):
					ROP (ft/hr):	30.47	WL:	Elec Stab:
					TFA (1/32in³):	0.0235	HTHP:	MBT:
					WOB (lbs):	12.00	FC (1/32"): ECD (lb/gal):	
					P/U Wt:	135000		
					S/O Wt:	125000		
					RPM:	128		
					ROT Wt:	130000		
					Torque (ft lbf):			
					DRAG:			
					I:			
					O:			
					D:			
					L:			
					B:			
					G:			
					O:			
					R:			

Buoyed Weight (lbs):	6828	Total Length (ft):	90.80
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MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

Mud Used	
Mud Additive	Used
CAUSTIC SODA	2
CONQOR 404	1
M-I WATE (BARITE)	40
MF-55	1
SALT 96%	45

SURVEYS							KB Elev (ft):	2,591	GL Elev (ft):	2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	09:00	3.00	DRILL	CIRC	CIRCULATE SWEEP AROUND AND CLEAN WELL BORE FOR DIRECTIONAL DRILLING.
09:00	09:30	0.50	DRILL	CIRC	MIX & PUMP SLUG TO TOH W/ BHA AND 4.5" DP.
09:30	12:00	2.50	DRILL	TOH	TOH F/5,920' T/ 1,495'. NO TIGHT SPOTS, MAX. DRAG 15K OFF BOTTOM.
12:00	12:30	0.50	DRILL	BOPNUND	REMOVE ROTATING HEAD BEARING ASSEMBLY AND ELEMENT.
12:30	14:30	2.00	DRILL	TOH	CONTINUE TOH W/ 8.750" BHA AND 4.5" DP TO INSPECT BHA.
14:30	15:00	0.50	DRILL	BOPNUND	REMOVE WEAR BUSHING FROM WELLHEAD AND INSPECT, GREASE AND RE-INSTALL BACK IN WELL HEAD.
15:00	16:30	1.50	DRILL	BHAOP	PICK UP NEW MOTOR, SCRIBE TO MWD, MAKE UP BIT AND TEST MWD.
16:30	20:00	3.50	DRILL	TIH	TIH F/ 97' T/ 5706" FILLING EVERY 30 STDTS.
20:00	20:30	0.50	DRILL	BOPOTHER	PULL TRIP NIPPLE AND INSTALL ROTATING HEAD WHILE FILLING PIPE.
20:30	21:00	0.50	DRILL	REAM	WASH DOWN F/ 5706' T/ 5920'.

HYDRAULICS			
Std. Pipe (psi):	1750	Total GPM (Gals/min):	461
		Total SPM:	119
AV(DP) (ft/min):	0.0	AV(DC) (ft/min):	0.0
Jet Vel (ft/s):	196.77	PSI Drop (psi):	353.195
Bit HP (HP):	95.03	HP/in2 (HP/in²):	1.58
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):	11.000	11.000	
Liner Id (in):	6.000	6.000	
SPM:	60	59	
Rod Dia (in):			
Eff %:			
GPM (Gals/min):	231	230	

SLOW PUMP RATES			
Depth (ft):			
SPM:	40	40	
PRSR (psi):	475	450	

Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000
Test MW:		10.0
Test TVD (ft):		1,000
Test Prsr (psi):		1000
LOT/FIT:		29.5
BOP Drill:		08/08/2012
Fire Drill:		08/10/2012
Evac Drill:		07/08/2012
Safety Meeting:		08/07/2012 05:00
Spills Reported (Y/N):		
Accidents(S)(Y/N):		

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.W.T. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 1001 gals., Recieved: 0 gals, Total on Loc.: 7,580 gal.
BIT TO BEND 6.42', BIT TO SENSOR 53', BIT TO GAMMA 41', rev/gal. .285
STOP: 10 JSA: 21
BIT TO BEND ON M.M. 6.42'
BIT TO SURVEY 53'
REVS PER GALLON .28

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
21:00	23:00	2.00	DRILL	DRILRCUR	SLIDE DRILLING, F/ 5,920' T/ 5,935', 15' @ 7.5 FPH,TF: HS, WOB:20, SPM: 120, GPM: 460, MTR RPM: 130, ON BTM SPP: 1750, OFF BTM SPP: 1550, DIFF: 150-300, MW/VIS IN: 10.1 / 32, MW/VIS OUT: 10.1 / 32, BG GAS: 20 UNITS, MAX. GAS: 50 UNITS, NO MUD CUT. (ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLS.)
23:00	00:00	1.00	DRILL	REAM	BACK REAM OUT AND IN 4 STDs.
00:00	02:00	2.00	DRILL	CIRC	PUMP 50 BBLS SWEEP AND CIRC OUT.
02:00	06:00	4.00	DRILL	DRILRCUR	SLIDE DRILLING, F/ 5,920' T/ 5,995', 75' @ 18.5 FPH,TF: HS, WOB:20, SPM: 120, GPM: 460, MTR RPM: 130, ON BTM SPP: 1750, OFF BTM SPP: 1550, DIFF: 150-300, MW/VIS IN: 10.1 / 32, MW/VIS OUT: 10.1 / 32, BG GAS: 15 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT. (ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLS.)
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/12/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	6,197	TVD (ft):	6,125	DOL:	13	DSS:	10
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	202			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	11.50			AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):	15.74	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$72,745	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$896,018	SHOE TD (ft):	987

24 Hrs SUMMARY: TIH, SLIDE AND ROTATE DRILL IN BUILD SECTION.
CURRENT ACTIVITY: SLIDE AND ROTATE DRILL IN BUILD SECTION.
FORECAST: SLIDE & SURVEY IN BUILD SECTION OF WELL, POOH FOR LATERAL BHA

BHA # : 5					Trip:		4	3	MUD PROPERTIES			
Qty	Description		O.D. (in)	I.D. (in)	Length (ft)	Bit: (in)	4	3	Time:	14:55	Solids:	2.0
1	BIT		8.750	2.500	1.00	Model:	GX-20M	FXD55M	Comp:	MI SWACO		
1	MUD MOTOR 2.0 FIXED		6.750	4.000	19.57	S/N:	5214957	11979025	Depth (ft):	6,016	Oil:	
1	FLOAT SUB		6.500	2.375	2.65	MFG:	HUGHES	SECURITY	Water:	98	10 sec Gel (lb/100ft³):	0
1	MONEL DRILL COLLAR		6.500	2.875	30.83	Size (in):	8.750	8.750	MW (lb/gal):	10.2	10 min Gel (lb/100ft³):	0
1	HANG OFF SUB		6.500	3.250	5.98	IADC:			VISC (s/qt):	30	30 min Gel (lb/100ft³):	0
1	FLEX MONEL		6.500	2.875	30.77	IN (ft):	6016.00		PV (cP):	4	CA:	400
						OUT:		6016.00	YP (lb/100ft³):	0	Pm:	0.0
						Length (ft):	181.00	1240.00	pH:	9.8	Pf:	0.3
						Hours:	12	41	Chl:	160000	Ex Lime (lb/bbl):	
						ROP (ft/hr):	15.74	30.24	WL:		Elec Stab:	
						TFA (1/32in³):	0.0141	0.0235	HTHP:		MBT:	
						WOB (lbs):	25.00	12.00	FC (1/32"):		ECD (lb/gal):	10.3
						P/U Wt:	135000	135000	Mud Used			
						S/O Wt:	126000	126000	Mud Additive		Used	
						RPM:	161	128	CAUSTIC SODA		2	
						ROT Wt:	120000	120000	CONQOR 404		1	
						Torque (ft lbf):	3500.00	3500.00	LIME		2	
						DRAG:			M-I WATE (BARITE)		50	
						I:			POLYPAC R		20	
						O:			SALT 96%		20	
						D:			SALT GEL		20	
						L:			SODA ASH		1	
						B:						
						G:						
						O:						
						R:						

Buoyed Weight (lbs):	6828	Total Length (ft):	90.80
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MUD Logging		
Depth (ft):	Max Gas:	
BGG:	Trip Gas:	
CG:	Mud Cut:	

MUD VOLUMES		
DP (bbl):	Reserve Pits (bbl):	737
Anulus (bbl):	Active Pits (bbl):	724
	LOST (bbl):	

SURVEYS					KB Elev (ft): 2,591 GL Elev (ft): 2,566		
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.
6,118	46.52	0.24	6,047	343.69	343.00	40.50	7.94
6,087	44.05	359.62	6,025	321.67	320.97	40.53	10.11
6,055	40.80	358.92	6,001	300.09	299.39	40.80	17.12
6,024	35.46	357.75	5,977	280.98	280.26	41.34	11.97

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	DRILSCUR	SLIDE DRILLING, F/ 5,995' T/ 6,016', 21' @ 21 FPH,TF: 90R, WOB:12, SPM: 100, GPM: 390, MTR RPM:110, ON BTM SPP: 1650, OFF BTM SPP: 1500, DIFF: 180-25, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 25 UNITS, MAX. GAS: 55 UNITS, NO MUD CUT. [(ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBSL.)), Last Survey, 5,889', 27.17 Inc., 359. Azm., 3.8 DL, 5868.72 TVD, need 9.2 to land. Mm WOULD NOT YIELD NEEDED FOR INC., CONTACT MANAGEMENT TEAM & TOH FOR 2 DEGREE & GX-20 HUGHES INSERT BIT.
07:00	08:00	1.00	DRILL	CIRC	CIRCULATE SWEEP AROUND WELL, MONITOR SHAKERS, CONDITION DRILLING FLUID FOR TOH.
08:00	09:00	1.00	DRILL	TOH	TOH F/6,016' T/5,026'.
09:00	09:30	0.50	DRILL	BOPNUND	PULL ROTATING BEARING ASSEMBLY & ELEMENT.
09:30	12:30	3.00	DRILL	TOH	TOH W/ 8.750" BHA & 4.5" DP TO CHANGE BHA TO 2 DEGREE MM AND GX-20 INSERT BIT.
12:30	13:00	0.50	DRILL	BOPNUND	PULL WEAR BUSHING FROM WELLHEAD & GREASE THEN RE-INSTALL SUCCESSFULLY.

24.00		= Total Hours Today
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HYDRAULICS		
Std. Pipe (psi):	2950	Total GPM (Gals/min): 576
		Total SPM: 150
AV(DP) (ft/min):	250.5	AV(DC) (ft/min): 411.1
Jet Vel (ft/s):	409.76	PSI Drop (psi): 1531.634
Bit HP (HP):	514.92	HP/in2 (HP/in²): 8.56

	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	11.000	11.000	
Liner Id (in):	6.000	6.000	
SPM:	75	75	
Rod Dia (in):	11.000	11.000	
Eff %:	95	95	
GPM (Gals/min):	288	288	

SLOW PUMP RATES		
Depth (ft):		
SPM:	40	40
PRSR (psi):	375	360

Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000
Test MW:		10.0
Test TVD (ft):		1,000
Test Prsr (psi):		1000
LOT/FIT:		29.5
BOP Drill:		08/08/2012
Fire Drill:		08/10/2012
Evac Drill:		07/08/2012
Safety Meeting:		08/11/2012 17:00
Spills Reported (Y/N):		
Accidents(S)(Y/N):		

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.WT. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 1144 gals., Recieved: 6000 gals, Total on Loc.: 12,156 gal.
BIT TO BEND 6.42", BIT TO SENSOR 53", BIT TO GAMMA 41", rev/gal. .285
STOP: 10 JSA: 21
BIT TO BEND ON M.M. 6.42'
BIT TO SURVEY 53'
REVS PER GALLON .28

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
13:00	15:00	2.00	DRILL	PICKUP	P/U NEW SCIENTIFIC DRILLING 2 DEGREE MM AND HUGHES GX-20 BIT S/N 5214957. SCRIBE MM & MWD W/ BHP CO. REP. AS WITNESS. TORQUE MWD SET SCREWS TO 120 lb/ft W/ TORQUE WRENCH. SURFACE TEST OF MM WAS SUCCESSFUL.
15:00	19:00	4.00	DRILL	TIH	TIH F/ 97' T/ 6016' FILLING EVERY 30 STDS.
19:00	19:30	0.50	DRILL	BOPOTHER	PULL TRIP NIPPLE AND INSTALL ROTATING HEAD.
19:30	23:45	4.25	DRILL	DRILSCUR	SLIDE DRILLING, F/ 6,016' T/ 6,080', 64' @ 15 FPH,TF: HS, WOB:30, SPM: 100, GPM: 390, MTR RPM: 110, ON BTM SPP: 1650, OFF BTM SPP: 1500, DIFF: 180-25, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 26 UNITS, MAX. GAS: 56 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L:+/-5BBLS.)]).
23:45	00:00	0.25	DRILL	DRILRCUR	ROTATE DRILL F/ 6,071' T/ 6,080', 9' @ 36 FPH, W/10.2 MW, RPM - 40, MRPM'S 161, TOTAL RPM'S 201, 575 gpm, 1800 psi, WOB 25, 2- 5k TORQUE, 100% RETURNS.
00:00	01:30	1.50	DRILL	DRILSCUR	SLIDE DRILLING, F/ 6,080' T/ 6,104', 24' @ 16 FPH,TF: HS, WOB:30, SPM: 150, GPM: 575, MTR RPM:161, ON BTM SPP: 3050, OFF BTM SPP: 2900, DIFF: 100-200, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 23 UNITS, MAX. GAS: 53 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L:+/-5BBLS.)]).
01:30	02:00	0.50	DRILL	DRILRCUR	ROTATE DRILL F/ 6,104' T/ 6,120', 16' @ 30 FPH, W/10.2 MW, RPM - 40, MRPM'S - 161, TOTAL RPM'S - 201, 575 gpm, 2800 psi, WOB 25, 2- 5k TORQUE, 100% RETURNS.
02:00	03:00	1.00	DRILL	DRILSCUR	SLIDE DRILLING, F/ 6,120' T/ 6,133', 13' @ 13 FPH,TF: HS, WOB:30, SPM: 150, GPM: 575, MTR RPM:161, ON BTM SPP: 3050, OFF BTM SPP: 2900, DIFF: 100-200, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32,BG GAS: 25 UNITS, MAX. GAS: 55 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L:+/-5BBLS.)]).
03:00	03:30	0.50	DRILL	DRILRCUR	ROTATE DRILL F/ 6,133' T/ 6,145', 16' @ 30 FPH, W/10.2 MW, RPM - 40, MRPM'S - 161, TOTAL RPM'S - 201, 575 gpm, 2800 psi, WOB 25, 2- 5k TORQUE, 100% RETURNS.
03:30	04:30	1.00	DRILL	DRILSCUR	SLIDE DRILLING, F/ 6,145' T/ 6,165', 20' @ 20 FPH,TF: HS, WOB:30, SPM: 150, GPM: 575, MTR RPM:161, ON BTM SPP: 3050, OFF BTM SPP: 2900, DIFF: 100-200, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32,BG GAS: 20 UNITS, MAX. GAS: 53 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L:+/-5BBLS.)]).
04:30	05:00	0.50	DRILL	DRILRCUR	ROTATE DRILL F/ 6,165' T/ 6,178', 13' @ 13 FPH, W/10.2 MW, RPM - 40, MRPM'S - 161, TOTAL RPM'S - 201, 575 gpm, 2800 psi, WOB 25, 2- 5k TORQUE, 100% RETURNS.
05:00	06:00	1.00	DRILL	DRILSCUR	SLIDE DRILLING, F/ 6,178' T/ 6,197', 19' @ 19 FPH,TF: HS, WOB:30, SPM: 150, GPM: 575, MTR RPM:161, ON BTM SPP: 3050, OFF BTM SPP: 2900, DIFF: 100-200, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32,BG GAS: 25 UNITS, MAX. GAS: 55 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L:+/-5BBLS.)]).
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/13/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	6,510	TVD (ft):	6,227	DOL:	14	DSS:	11
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	313			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	15.50			AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$57,811	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$953,829	SHOE TD (ft):	987

24 Hrs SUMMARY: ROTATE, SLIDE & SURVEY BUILD SECTION OF WELL, TOH FOR LATERAL BHA

CURRENT ACTIVITY: TIH WITH 8.75 DIRECTIONAL BHA

FORECAST: TIH, DRILL AHEAD IN LATERAL SECTION

BHA # : 06					Trip:		5	4	MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:				Time:	23:56 Solids:
1	BIT	8.750	3.000	1.00	Model:	T606X	GX-20M		Comp:	MI SWACO
1	MUD MOTOR 1.75 Fixed	6.750	4.000	25.75	S/N:	7141383	5214957		Depth (ft):	6,510 Oil:
1	FLOAT SUB	6.500	2.375	2.65	MFG:	HUGHES	HUGHES		Water:	98 10 sec Gel (lb/100ft³):
1	MONEL DRILL COLLAR	6.500	2.875	30.83	Size (in):	8.750	8.750		MW (lb/gal):	10.2 10 min Gel (lb/100ft³):
1	HANG OFF SUB	6.500	3.250	5.98	IADC:				VISC (s/qt):	34 30 min Gel (lb/100ft³):
1	FLEX MONEL	6.500	2.875	30.77	IN (ft):	6510.00			PV (cP):	6 CA:
45	DRILL PIPE	4.500	3.826	1416.15	OUT:		6510.00		YP (lb/100ft³):	0 Pm:
1	XO	6.625	2.750	4.03	Length (ft):		494.00		pH:	Pf:
1	AGITATOR	6.500	2.500	12.97	Hours:		33		Chl:	159000 Ex Lime (lb/bbl):
1	SHOCK SUB	6.875	2.000	11.62	ROP (ft/hr):		14.97		WL:	Elec Stab:
1	XO	6.375	2.875	3.15	TFA (1/32in³):	0.0466	0.0141		HTHP:	MBT:
					WOB (lbs):		25.00		FC (1/32"):	ECD (lb/gal):
					P/U Wt:	137	137		Mud Used	
					S/O Wt:	122	122		Mud Additive	
					RPM:		161		Used	
					ROT Wt:	127	127		CONQOR 404	1
					Torque (ft lbf):	5000.00	5000.00		MF-55	1
					DRAG:				POLYPAC R	15
					I:		1		SALT 96%	50
					O:		1		SALT GEL	10
					D:		NO		SODA ASH	5
					L:		A			
					B:		E			
					G:		I			
					O:		NO			
					R:		BHA			

Buoyed Weight (lbs): 27893 Total Length (ft): 1,544.90

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl): 737
Anulus (bbl):	Active Pits (bbl): 386
	LOST (bbl):

SURVEYS				KB Elev (ft): 2,591		GL Elev (ft): 2,566	
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.
6,464	73.95	1.91	6,217	641.31	640.51	49.31	8.95
6,433	71.14	1.73	6,207	611.75	610.95	43.38	8.66
6,402	68.41	1.64	6,197	582.66	581.88	47.52	6.76
6,370	66.21	1.64	6,184	553.14	552.37	46.67	5.99
6,339	64.37	2.08	6,171	524.94	524.19	45.76	5.69
6,307	62.52	2.08	6,157	496.33	495.59	44.72	8.10
6,276	59.97	2.08	6,142	469.16	468.43	43.74	8.65

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	06:30	0.50	DRILL	DRILBRR	ROT. DRILLING F/ 6,197' T/ 6,205', 8' @ 16' FPH
06:30	07:00	0.50	DRILL	DRILBBS	SLIDE DRILLING, F/ 6,205' T/ 6,228', 23' @ 246 FPH, TF: 90R, WOB: 40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 3050, OFF BTM SPP: 2500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 16 UNITS, MAX. GAS: 33 UNITS, NO MUD CUT. [(ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBSL.)],
07:00	07:30	0.50	DRILL	DRILBRR	ROT. DRILLING F/ 6,228' T/ 6,238', 10' @ 20' FPH, RPM, 40, TORQUE 1,500-3,500K, WOB: 34, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 3,550, OFF BTM SPP: 2,550, DIFF: 150-250, MW/VIS IN: 10.2 ppg. / 32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 15 UNITS, 33 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER.

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.WT. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 858 gals., Recieved: 0 gals, Total on Loc.: 10,297 gal.
BIT TO BEND 6.42', BIT TO SENSOR 53', BIT TO GAMMA 41', rev/gal. .285
STOP: 10 JSA: 21
BIT TO BEND ON M.M. 6.42'
BIT TO SURVEY 53'
REVS PER GALLON .28

HYDRAULICS	
Std. Pipe (psi):	Total GPM (Gals/min): 0
	Total SPM: 0
AV(DP) (ft/min): 0.0	AV(DC) (ft/min): 0.0
Jet Vel (ft/s): 0.00	PSI Drop (psi): 0.000
Bit HP (HP): 0.00	HP/in2 (HP/in²): 0.00
PUMP#1	
PUMP#2	
PUMP#3	
#Cyl:	3
S.L. (in):	11.000
Liner Id (in):	6.000
SPM:	
Rod Dia (in):	11.000
Eff %:	95
GPM (Gals/min):	

SLOW PUMP RATES	
Depth (ft):	
SPM:	20
PRSR (psi):	150

Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000
Test MW:		10.0
Test TVD (ft):		1,000
Test Prsr (psi):		1000
LOT/FIT:		29.5
BOP Drill:		08/08/2012
Fire Drill:		08/10/2012
Evac Drill:		07/08/2012
Safety Meeting:		08/11/2012 17:00
Spills Reported (Y/N):		
Accidents(S)(Y/N):		

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
07:30	08:00	0.50	DRILL	DRILBBS	SLIDE DRILLING, F/ 6,238' T/ 6,261', 23' @ 46 FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 3050, OFF BTM SPP: 2500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 16 UNITS, MAX. GAS: 33 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L: +/-5BBLs.)), SLIDE DRILLING, F/ 6,238' T/ 6,281', 43' @ 86 FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 3050, OFF BTM SPP: 2500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 16 UNITS, MAX. GAS: 33 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L: +/-5BBLs.)),
08:00	08:30	0.50	DRILL	DRILBBR	ROT. DRILLING F/ 6,261' T/ 6,275',14' @ 28' FPH, RPM, 40, TORQUE 1,500-3,500K, WOB:34, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,550, OFF BTM SPP: 2,550, DIFF: 150-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 15 UNITS, 33 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER.
08:30	09:30	1.00	DRILL	DRILBBS	SLIDE DRILLING, F/ 6,275' T/ 6,292', 17' @ 34 FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 3050, OFF BTM SPP: 2500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 16 UNITS, MAX. GAS: 33 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L: +/-5BBLs.)),
09:30	10:00	0.50	DRILL	DRILBBR	ROT. DRILLING F/ 6,292' T/ 6,308',16' @ 32' FPH, RPM, 40, TORQUE 1,500-3,500K, WOB:34, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,550, OFF BTM SPP: 2,550, DIFF: 150-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 15 UNITS, 33 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER.
10:00	11:00	1.00	DRILL	DRILBBS	SLIDE DRILLING, F/ 6,308' T/ 6,323', 15' @ 30 FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 3050, OFF BTM SPP: 2500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 16 UNITS, MAX. GAS: 33 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L: +/-5BBLs.)),
11:00	11:30	0.50	DRILL	DRILBBR	ROT. DRILLING F/ 6,323' T/ 6,341',18' @ 36' FPH, RPM, 40, TORQUE 1,500-3,500K, WOB:34, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,550, OFF BTM SPP: 2,550, DIFF: 150-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 15 UNITS, 33 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER.
11:30	12:30	1.00	DRILL	DRILBBS	SLIDE DRILLING, F/ 6,341' T/ 6,355', 14' @ 28 FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 3050, OFF BTM SPP: 2500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 16 UNITS, MAX. GAS: 33 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L: +/-5BBLs.)),
12:30	13:30	1.00	DRILL	DRILBBR	ROT. DRILLING F/ 6,355' T/ 6,377',22' @ 44' FPH, RPM, 40, TORQUE 1,500-3,500K, WOB:34, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,550, OFF BTM SPP: 2,550, DIFF: 150-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 15 UNITS, 33 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER.
13:30	14:00	0.50	DRILL	DRILBBS	SLIDE DRILLING, F/ 6,377' T/ 6,386', 9' @ 18 FPH,TF: HS, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 3050, OFF BTM SPP: 2500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 16 UNITS, MAX. GAS: 33 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L: +/-5BBLs.)),
14:00	14:30	0.50	DRILL	DRILBBR	ROT. DRILLING F/ 6,386' T/ 6,401',15' @ 30' FPH, RPM, 40, TORQUE 1,500-3,500K, WOB:34, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,550, OFF BTM SPP: 2,550, DIFF: 150-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 15 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER.
14:30	16:00	1.50	DRILL	DRILSCUR	SLIDE DRILLING, F/ 6,401' T/ 6,417', 16' @ 11 FPH,TF: HS, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 3050, OFF BTM SPP: 2500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 16 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L: +/-5BBLs.)),
16:00	16:30	0.50	DRILL	SERV	SERVICE RIG AND TDS.
16:30	17:00	0.50	DRILL	DRILRCUR	ROT. DRILLING F/ 6,417' T/ 6,431',14' @ 28' FPH, RPM, 40, TORQUE 1,500-3,500K, WOB:34, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,550, OFF BTM SPP: 2,550, DIFF: 150-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 15 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER.
17:00	18:00	1.00	DRILL	DRILSCUR	SLIDE DRILLING, F/ 6,431' T/ 6,448', 17' @ 17 FPH,TF: HS, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 3050, OFF BTM SPP: 2500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 16 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L: +/-5BBLs.)),
18:00	19:00	1.00	DRILL	DRILRCUR	ROT. DRILLING F/ 6,448' T/ 6,464',16' @ 16' FPH, RPM, 40, TORQUE 1,500-3,500K, WOB:34, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,550, OFF BTM SPP: 2,550, DIFF: 150-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER.
19:00	20:00	1.00	DRILL	DRILSCUR	SLIDE DRILLING, F/ 6,464' T/ 6,480', 16' @ 16 FPH,TF: HS, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 3050, OFF BTM SPP: 2500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L: +/-5BBLs.)),
20:00	21:00	1.00	DRILL	DRILRCUR	ROT. DRILLING F/ 6,480' T/ 6,496',16' @ 16' FPH, RPM, 40, TORQUE 1,500-3,500K, WOB:34, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,550, OFF BTM SPP: 2,550, DIFF: 150-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 15 UNITS, 33 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER.
21:00	22:00	1.00	DRILL	DRILSCUR	SLIDE DRILLING, F/ 6,496' T/ 6,510', 16' @ 16 FPH,TF: HS, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 3050, OFF BTM SPP: 2500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 16 UNITS, MAX. GAS: 33 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L: +/-5BBLs.)),
22:00	22:30	0.50	DRILL	CIRC	PUMP SWEEP AND CIRC TO SURFACE.
22:30	23:30	1.00	DRILL	TOH	FLOW CHECK, PULL 5 STDs, PULL ROTATING HEAD, INSTALL TRIP NIPPLE AND SLUG PIPE.
23:30	01:00	1.50	DRILL	TOH	POOH F/ 6039' T/ 90'.
01:00	03:30	2.50	DRILL	BHAOP	BREAK BIT, C/O MOTOR, M/U BIT AND SCRIBE TO MWD AND TEST DIRECTIONAL TOOLS.
03:30	04:00	0.50	DRILL	BOPOTHER	PULL WEAR BUSHING, GREASED AND RE-INSTALL.
04:00	05:00	1.00	DRILL	TIH	TIH F/ 90' T/ 1513', P/U AGITATOR AND SHOCK SUB.
05:00	06:00	1.00	DRILL	TIH	CONT. TIH F/ 1513' T/ 6510' FILLING PIPE EVERY 30 STDs.
24.00 = Total Hours Today					

WELL:	UNIVERSITY 46 1304H					DOL:	15	DSS:	12
FIELD:	SOUTH MIDLAND	MD (ft):	8,061	TVD (ft):	6,272	FOREMAN:			
STATE:	TX CROCKETT	PROGRESS (ft):	1,551			AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	HRS DRLG:	20.00			AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	24Hr ROP (ft/hr):	77.55	DRLG AFE:	\$3,623,200	DAILY	\$126,516	PLAN TD (ft):	15,017
RIG NBR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$1,080,345	SHOE TD (ft):	987

24 Hrs SUMMARY:	ROTATE, SLIDE & SURVEY LATERAL SECTION OF WELL.
CURRENT ACTIVITY:	ROTATE, SLIDE & SURVEY LATERAL SECTION.
FORECAST:	DRILL AHEAD IN LATERAL SECTION

[illegible]

SURVEYS			KB Elev (ft): 2,591		GL Elev (ft): 2,566		
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.
6,622	80.55	0.09	6,250	795.73	794.85	54.79	4.14
6,591	79.76	1.91	6,244	765.18	764.32	54.06	3.52
6,559	78.61	2.00	6,238	733.76	732.90	52.99	3.52
6,528	77.56	2.35	6,232	702.59	702.59	51.84	3.02

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	08:00	2.00	DRILL	TIH	TIH W/ 4.5" DP AND NEW 8.750" BHA FOR LATERAL T/ 5,330'.
08:00	08:30	0.50	DRILL	BOPNUND	INSTALL ROTATING HEAD ELEMENT AND BEARING ASSEMBLY.
08:30	09:30	1.00	DRILL	TIH	COMPLETE TIH W/ NEW 8.750" BHA FOR LATERAL. WASH IN LAST STAND AS PRECAUTION.
09:30	10:00	0.50	DRILL	DRILBBR	ROT. DRILLING F/ 6,510' T/ 6,530', 20' @ 40' FPH, RPM, 40, TORQUE 2,000-3,000K, WOB:15, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,700, DIFF: 200-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100% RETURNS.
10:00	10:30	0.50	DRILL	DRILBBS	SLIDE DRILLING, F/ 6,530' T/ 6,549', 19' @ 38' FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT. [(ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.

24.00 = Total Hours Today		
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HYDRAULICS		
Std. Pipe (psi):	3050	Total GPM (Gals/min): 574
		Total SPM: 150
AV(DP) (ft/min):	250.5	AV(DC) (ft/min): 411.1
Jet Vel (ft/s):	123.51	PSI Drop (psi): 139.154
Bit HP (HP):	46.62	HP/In2 (HP/in²): 0.77

	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	11.000	11.000	
Liner Id (in):	6.000	6.000	
SPM:	75	75	
Rod Dia (in):	11.000	11.000	
Eff %:	95	95	
GPM (Gals/min):	287	287	

SLOW PUMP RATES		
Depth (ft):		
SPM:	40	40
PRSR (psi):	600	600

Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000

Test MW:	10.0
Test TVD (ft):	1,000
Test Prsr (psi):	1000
LOT/FIT:	29.5
BOP Drill:	08/08/2012
Fire Drill:	08/10/2012
Evac Drill:	07/08/2012
Safety Meeting:	08/11/2012 17:00
Spills Reported (Y/N):	
Accidents(S)(Y/N):	

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.WT. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 1,144 gals., Received: 0 gals, Total on Loc.: 8,581 gal.
BIT TO BEND 6.42', BIT TO SENSOR 53', BIT TO GAMMA 41', rev/gal. .285
STOP: 10 JSA: 21
BIT TO BEND ON M.M. 6.42'
BIT TO SURVEY 53'
REVS PER GALLON .28

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
10:30	11:00	0.50	DRILL	DRILBBR	ROT. DRILLING F/ 6,549' T/ 6,569', 30' @ 60' FPH, RPM, 40, TORQUE 2,000-3,000K, WOB:15, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,700, DIFF: 200-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100% RETURNS.
11:00	11:30	0.50	DRILL	DRILBBS	SLIDE DRILLING, F/ 6,569' T/ 6,589', 20' @ 40' FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
11:30	12:00	0.50	DRILL	DRILBBR	ROT. DRILLING F/ 6,589' T/ 6,612', 23' @ 46' FPH, RPM, 40, TORQUE 2,000-3,000K, WOB:15, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,700, DIFF: 200-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100% RETURNS.
12:00	14:30	2.50	DRILL	DRILBBS	SLIDE DRILLING, F/ 6,612' T/ 6,707', 95' @ 31' FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
14:30	15:00	0.50	DRILL	DRILRCUR	ROT. DRILLING F/ 6,707' T/ 6,738', 31' @ 62' FPH, RPM, 40, TORQUE 2,000-3,000K, WOB:15, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,700, DIFF: 200-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
15:00	15:30	0.50	DRILL	SERV	SERVICE RIG AND TDS.
15:30	16:30	1.00	DRILL	DRILRCUR	ROT. DRILLING F/ 6,738' T/ 6,834', 96' @ 96' FPH, RPM, 40, TORQUE 2,000-3,000K, WOB:15, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,700, DIFF: 200-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
16:30	17:00	0.50	DRILL	DRILSLAT	SLIDE DRILLING, F/ 6,834' T/ 6,848', 14' @ 28' FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
17:00	21:00	4.00	DRILL	DRILRLAT	ROT. DRILLING F/ 6,848' T/ 7,304', 456' @ 114' FPH, RPM 70, TORQUE 2,000-3,000K, WOB:15, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,700, DIFF: 200-250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
21:00	22:00	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 7,304' T/ 7,334', 30' @ 30' FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
22:00	23:00	1.00	DRILL	DRILRLAT	ROT. DRILLING F/ 7,334' T/ 7,494', 160' @ 160' FPH, RPM 75, TORQUE 3,000-6,000K, WOB:20, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,350, OFF BTM SPP: 2,900, DIFF: 300-500, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
23:00	23:30	0.50	DRILL	DRILSLAT	SLIDE DRILLING, F/ 7,494' T/ 7,529', 35' @ 70' FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
23:30	00:00	0.50	DRILL	DRILRLAT	ROT. DRILLING F/ 7,529' T/ 7,588', 59' @ 118' FPH, RPM 75, TORQUE 3,500-6,500K, WOB:20, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,350, OFF BTM SPP: 2,900, DIFF: 300-500, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
00:00	01:00	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 7,588' T/ 7,618', 30' @ 30' FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
01:00	06:00	5.00	DRILL	DRILRLAT	ROT. DRILLING F/ 7,618' T/ 8,061', 443' @ 87' FPH, RPM 75, TORQUE 3,500-6,500K, WOB:20, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,350, OFF BTM SPP: 2,900, DIFF: 300-500, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/15/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	10,080	TVD (ft):	6,262	DOL:	16	DSS:	13
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	2,019			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	22.50			AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):	89.73	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$75,944	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$1,156,289	SHOE TD (ft):	987

24 Hrs SUMMARY: ROTATE, SLIDE & SURVEY LATERAL SECTION OF WELL.

CURRENT ACTIVITY: ROTATE, SLIDE & SURVEY LATERAL SECTION.

FORECAST: DRILL AHEAD IN LATERAL SECTION

BHA # : 06					Trip: 5		MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	5		Time:	14:05 Solids:	4.3
1	BIT	8.750	3.000	1.00	Model:	T606X		Comp:	MI-SWACO	
1	MUD MOTOR 1.75 Fixed	6.750	4.000	25.75	S/N:	7141383		Depth (ft):	8,633 Oil:	
1	FLOAT SUB	6.500	2.375	2.65	MFG:	HUGHES		Water:	96 10 sec Gel (lb/100ft³):	0
1	MONEL DRILL COLLAR	6.500	2.875	30.83	Size (in):	8.750		MW (lb/gal):	10.2 10 min Gel (lb/100ft³):	0
1	HANG OFF SUB	6.500	3.250	5.98	IADC:			VISC (s/qt):	34 30 min Gel (lb/100ft³):	0
1	FLEX MONEL	6.500	2.875	30.77	IN (ft):			PV (cP):	5 CA:	400
45	DRILL PIPE	4.500	3.826	1416.15	OUT:			YP (lb/100ft³):	0 Pm:	0.1
1	XO	6.625	2.750	4.03	Length (ft):	3570.00		pH:	10.0 Pf:	0.5
1	AGITATOR	6.500	2.500	12.97	Hours:	43		Chl:	152000 Ex Lime (lb/bbl):	
1	SHOCK SUB	6.875	2.000	11.62	ROP (ft/hr):	84.00		WL:	15 Elec Stab:	
1	XO	6.375	2.875	3.15	TFA (1/32in²):	0.0466		HTHP:	MBT:	
					WOB (lbs):	25.00		FC (1/32"): ECD (lb/gal):	10.4	
					P/U Wt:	150000				
					S/O Wt:	103000				
					RPM:	160				
					ROT Wt:	121000				
					Torque (ft lbf):	10500.00				
					DRAG:					
					I:					
					O:					
					D:					
					L:					
					B:					
					G:					
					O:					
					R:					
Mud Used										
Mud Additive								Used		
CAUSTIC SODA								6		
CONQOR 404								1		
DEFOAM A								1		
DUO-VIS								8		
ENGINEERING SERVICE								1		
SALT 96%								53		
SALT GEL								15		
SODA ASH								8		

Buoyed Weight (lbs): 27893 Total Length (ft): 1,544.90

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							
				KB Elev (ft):	2,591	GL Elev (ft):	2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.
9,898	90.40	3.31	6,262	4068.27	4066.93	110.03	1.99
9,804	92.24	2.87	6,264	3974.35	3973.09	104.96	1.84
9,709	94.00	3.14	6,269	3879.55	3878.37	99.99	1.32
9,615	92.77	3.40	6,275	3785.79	3784.69	94.64	1.15
9,520	92.42	4.46	6,279	3691.01	3690.01	88.13	0.99
9,424	91.89	5.25	6,283	3595.29	3594.42	79.99	0.92
9,331	91.54	6.04	6,286	3502.63	3501.92	70.85	4.95

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	DRILRLAT	ROT. DRILLING F/ 8,061' T/ 8,155', 94' @ 94' FPH, RPM 75, TORQUE 3,500-6,500K, WOB:20, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,350, OFF BTM SPP: 2,900, DIFF: 300-500, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
07:00	07:30	0.50	DRILL	DRILSLAT	SLIDE DRILLING, F/ 8,155' T/ 8,195', 40' @ 80' FPH,TF: 60R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT. [(ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
07:30	08:30	1.00	DRILL	DRILRLAT	ROT. DRILLING F/ 8,195' T/ 8,344', 149' @ 149' FPH, RPM 75, TORQUE 3,500-6,500K, WOB:20, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,350, OFF BTM SPP: 2,900, DIFF: 300-500, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.WT. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 1,287 gals., Recieved: 0 gals, Total on Loc.: 6,150 gal.
BIT TO BEND 6.42", BIT TO SENSOR 53", BIT TO GAMMA 41", rev/gal. .285
STOP: 10 JSA: 21
BIT TO BEND ON M.M. 6.42'
BIT TO SURVEY 53'
REVS PER GALLON .28

HYDRAULICS			
Std. Pipe (psi):	575	Total GPM (Gals/min):	574
		Total SPM:	150
AV(DP) (ft/min):	250.5	AV(DC) (ft/min):	411.1
Jet Vel (ft/s):	123.51	PSI Drop (psi):	139.154
Bit HP (HP):	46.62	HP/in2 (HP/in²):	0.77
PUMP#1		PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	11.000	11.000	
Liner Id (in):	6.000	6.000	
SPM:	75	75	
Rod Dia (in):	11.000	11.000	
Eff %:	95	95	
GPM (Gals/min):	287	287	

SLOW PUMP RATES		
Depth (ft):		
SPM:	40	40
PRSR (psi):	575	575

Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000
Test MW:		10.0
Test TVD (ft):		1,000
Test Prsr (psi):		1000
LOT/FIT:		29.5
BOP Drill:		08/08/2012
Fire Drill:		08/10/2012
Evac Drill:		07/08/2012
Safety Meeting:		08/14/2012 05:30
Spills Reported (Y/N):		
Accidents(S)(Y/N):		

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
08:30	09:00	0.50	DRILL	DRILSLAT	SLIDE DRILLING, F/ 8,344' T/ 8,376', 32' @ 64' FPH,TF: 90R, WOB:40, SPM: 150, GPM: 575, MTR RPM: 160, ON BTM SPP: 2,900, OFF BTM SPP: 2,500, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
09:00	10:00	1.00	DRILL	DRILRLAT	ROT. DRILLING F/ 8,376' T/ 8,533', 157' @ 157' FPH, RPM 75, TORQUE 3,500-6,500K, WOB:20, SPM: 150, GPM:575, MTR RPM: 160, ON BTM SPP: 3,350, OFF BTM SPP: 2,900, DIFF: 300-500, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
10:00	11:30	1.50	DRILL	DRILSLAT	SLIDE DRILLING, F/ 8,533' T/ 8573', 40' @ 27' FPH,TF: 90R, WOB:18, SPM: 150, GPM: 575, MTR RPM:161 160, ON BTM SPP: 3,250, OFF BTM SPP: 3000, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
11:30	12:00	0.50	DRILL	DRILRCUR	ROT. DRILLING F/ 8,573' T/ 8628', 55' @ 110' FPH, RPM 161, TORQUE 3,500-6,500K, WOB:25, SPM: 150, GPM:575, MTR RPM: 75, ON BTM SPP: 3,450, OFF BTM SPP: 2,900, DIFF: 300-500, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
12:00	12:30	0.50	DRILL	DRILRLAT	SLIDE DRILLING, F/ 8,628' T/ 8669', 41' @ 82' FPH,TF: 90R, WOB:18, SPM: 150, GPM: 575, MTR RPM:161 160, ON BTM SPP: 3,250, OFF BTM SPP: 3000, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
12:30	15:30	3.00	DRILL	DRILRLAT	ROT. DRILLING F/ 8,669' T/ 8915', 246' @ 98' FPH, RPM 161, TORQUE 3,500-6,500K, WOB:25, SPM: 150, GPM:575, MTR RPM: 75, ON BTM SPP: 3,450, OFF BTM SPP: 2,900, DIFF: 300-500, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
15:30	16:00	0.50	DRILL	DRILSLAT	SLIDE DRILLING, F/ 8,915' T/ 8955', 40' @ 80' FPH,TF: 90R, WOB:18, SPM: 150, GPM: 575, MTR RPM:161 160, ON BTM SPP: 3,250, OFF BTM SPP: 3000, DIFF: 150-250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
16:00	18:00	2.00	DRILL	DRILRLAT	ROT. DRILLING F/ 8,955' T/ 9,101', 146' @ 73' FPH, RPM 161, TORQUE 3,500-7,500K, WOB:25, SPM: 150, GPM:575, MTR RPM: 75, ON BTM SPP: 3,450, OFF BTM SPP: 2,900, DIFF: 300-500, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
18:00	18:30	0.50	DRILL	DRILSLAT	SLIDE DRILLING, F/ 9,101' T/ 9,146', 45' @ 90' FPH,TF: 90R, WOB:18, SPM: 150, GPM: 575, MTR RPM:161 160, ON BTM SPP: 3,400, OFF BTM SPP: 3100, DIFF: 250-350, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
18:30	19:00	0.50	DRILL	DRILRLAT	ROT. DRILLING F/ 9,146' T/ 9,195', 49' @ 98' FPH, RPM 161, TORQUE 3,500-8,500K, WOB:25, SPM: 150, GPM:575, MTR RPM: 75, ON BTM SPP: 3,450, OFF BTM SPP: 2,900, DIFF: 300-500, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
19:00	20:00	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 9,195' T/ 9,240', 45' @ 40' FPH,TF: 90R, WOB:18, SPM: 150, GPM: 575, MTR RPM:161 160, ON BTM SPP: 3,400, OFF BTM SPP: 3100, DIFF: 250-350, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
20:00	21:00	1.00	DRILL	DRILRLAT	ROT. DRILLING F/ 9,240' T/ 9,290', 50' @ 50' FPH, RPM 161, TORQUE 4,000-9,000K, WOB:25, SPM: 150, GPM:575, MTR RPM: 75, ON BTM SPP: 3,450, OFF BTM SPP: 2,900, DIFF: 300-500, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
21:00	22:30	1.50	DRILL	CIRC	PUMPED HIGH VIS SWEEP AROUND WHILE WORKING PIPE AT 90 RPM'S, BEFORE SWEEP P/U- 152K, S/O- 102K, ROT- 122K, PSI- 3050. AFTER SWEEP P/U- 148K, S/O 106K, ROT- 129K, PSI- 2900. CUTTINGS WERE COFFEE GROUND OR SMALLER IN SIZE BEFORE SWEEP. DURING SWEEP CUTTING AMOUNT INCREASED BY 150% AND IN SIZE TO 1/2" TO 1".
22:30	23:30	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 9,290' T/ 9,335', 45' @ 45' FPH,TF: 90R, WOB:28, SPM: 150, GPM: 575, MTR RPM:161 160, ON BTM SPP: 3,150, OFF BTM SPP: 2950, DIFF: 250-350, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
23:30	02:30	3.00	DRILL	DRILRLAT	ROT. DRILLING F/ 9,335' T/ 9,762', 427' @ 142' FPH, RPM 161, TORQUE 4,500-9,500K, WOB:25, SPM: 150, GPM:575, MTR RPM: 75, ON BTM SPP: 3,500, OFF BTM SPP: 2,950, DIFF: 300-500, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
02:30	03:00	0.50	DRILL	DRILSLAT	SLIDE DRILLING, F/ 9,762' T/ 9,782', 20' @ 40' FPH,TF: 180, WOB:28, SPM: 150, GPM: 575, MTR RPM:161 160, ON BTM SPP: 3,150, OFF BTM SPP: 2950, DIFF: 250-350, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
03:00	03:30	0.50	DRILL	DRILRLAT	ROT. DRILLING F/ 9,782' T/ 9,856', 74' @ 148' FPH, RPM 161, TORQUE 4,500-10,000K, WOB:25, SPM: 150, GPM:575, MTR RPM: 75, ON BTM SPP: 3,500, OFF BTM SPP: 2,950, DIFF: 300-550, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
03:30	04:30	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 9,856' T/ 9,881', 25' @ 40' FPH,TF: 180, WOB:28, SPM: 150, GPM: 575, MTR RPM:161 160, ON BTM SPP: 3,150, OFF BTM SPP: 2950, DIFF: 250-350, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
04:30	06:00	1.50	DRILL	DRILRLAT	ROT. DRILLING F/ 9,881' T/ 10,080', 199' @ 133' FPH, RPM 161, TORQUE 4,500-10,000K, WOB:25, SPM: 150, GPM:575, MTR RPM: 75, ON BTM SPP: 3,500, OFF BTM SPP: 2,950, DIFF: 300-550, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/16/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	11,564	TVD (ft):	6,302	DOL:	17	DSS:	14
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	1,484			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	19.00			AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):	74.20	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$57,767	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$1,214,056	SHOE TD (ft):	987

24 Hrs SUMMARY: DRILL AHEAD IN LATERAL SECTION
CURRENT ACTIVITY: CIRC SWEEP
FORECAST: DRILL AHEAD IN LATERAL SECTION, CIRC SWEEP, POOH FOR MOTOR

BHA # : 06					Trip: 5		MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	5	Time:	15:00	Solids:	4.9
1	BIT	8.750	3.000	1.00	Model:	T606X	Comp:	MI SWACO		
1	MUD MOTOR 1.75 Fixed	6.750	4.000	25.75	S/N:	7141383	Depth (ft):	10,780	Oil:	0
1	FLOAT SUB	6.500	2.375	2.65	MFG:	HUGHES	Water:	95	10 sec Gel (lb/100ft³):	0
1	MONEL DRILL COLLAR	6.500	2.875	30.83	Size (in):	8.750	MW (lb/gal):	10.2	10 min Gel (lb/100ft³):	0
1	HANG OFF SUB	6.500	3.250	5.98	IADC:		VISC (s/qt):	32	30 min Gel (lb/100ft³):	0
1	FLEX MONEL	6.500	2.875	30.77	IN (ft):		PV (cP):	9	CA:	380
45	DRILL PIPE	4.500	3.826	1416.15	OUT:		YP (lb/100ft³):	1	Pm:	0.0
1	XO	6.625	2.750	4.03	Length (ft):	5054.00	pH:	9.8	Pf:	0.4
1	AGITATOR	6.500	2.500	12.97	Hours:	63	Chl:	155000	Ex Lime (lb/bbl):	
1	SHOCK SUB	6.875	2.000	11.62	ROP (ft/hr):	80.86	WL:	10	Elec Stab:	
1	XO	6.375	2.875	3.15	TFA (1/32in²):	0.0466	HTHP:		MBT:	
Buoyed Weight (lbs): 27893 Total Length (ft): 1,544.90					WOB (lbs):	25.00	FC (1/32"):		ECD (lb/gal):	10.6
					P/U Wt:	162000				
					S/O Wt:	68000	Mud Used			
					RPM:	160	Mud Additive		Used	
Depth (ft):							CAUSTIC SODA		1	
BGG:							CORROSION RINGS		1	
CG:							DEFOAM A		2	
							DUO-VIS		32	
							ENGINEERING SERVICE		1	
							POLYPAC R		14	
							SALT GEL		95	
							SODA ASH		20	

SURVEYS					KB Elev (ft): 2,591		GL Elev (ft): 2,566	
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
11,507	89.78	4.46	6,302	5676.18	5674.22	158.86	3.54	
11,412	87.49	1.91	6,300	5581.29	5579.40	153.59	1.70	
11,317	87.93	3.49	6,296	5486.41	5484.59	149.12	1.42	
11,222	88.90	2.52	6,293	5391.45	5389.76	144.14	1.92	
11,128	87.41	1.47	6,290	5297.57	5295.87	140.87	2.21	
11,033	89.52	1.12	6,288	5202.61	5200.93	138.73	2.67	
10,939	87.67	359.36	6,286	5106.97	5108.65	138.34	1.55	
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours			
06:00	09:30	3.50	DRILL	DRILRLAT	ROT. DRILLING F/ 10,080' T/ 10,424', 284' @ 86" FPH, RPM 75, TORQUE 5-10K, WOB:20, SPM: 150, GPM:573, MTR RPM: 75, ON BTM SPP: 3,500, OFF BTM SPP: 3,250, DIFF: 250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%			
09:30	10:00	0.50	DRILL	DRILSLAT	SLIDE DRILLING, F/ 10,424' T/ 10,451', 27' @ 54' FPH,TF: 180, WOB:26, SPM: 150, GPM: 575, MTR RPM:161 ON BTM SPP: 3,150, OFF BTM SPP: 2950, DIFF: 250-350, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT. [(ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBSLS.)), 100% RETURNS.			
10:00	12:00	2.00	DRILL	DRILRLAT	ROT. DRILLING F/ 10,451' T/ 10,613', 162' @ 81" FPH, RPM 75, TORQUE 5-10K, WOB:20, SPM: 150, GPM:573, MTR RPM: 75, ON BTM SPP: 3,500, OFF BTM SPP: 3,250, DIFF: 250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%			
24.00					= Total Hours Today			

HYDRAULICS			
Std. Pipe (psi):	570	Total GPM (Gals/min):	570
		Total SPM:	148
AV(DP) (ft/min):	247.2	AV(DC) (ft/min):	405.7
Jet Vel (ft/s):	122.65	PSI Drop (psi):	137.221
Bit HP (HP):	45.65	HP/in2 (HP/in²):	0.76
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	11.000	11.000	
Liner Id (in):	6.000	6.000	
SPM:	74	74	
Rod Dia (in):	11.000	11.000	
Eff %:	95	95	
GPM (Gals/min):	285	285	
SLOW PUMP RATES			
Depth (ft):	10,235		
SPM:	20	20	
PRSR (psi):	400	400	
Safety			
Test	Date	Pressure	
BOP:	08/05/2012	5000	
CSG:	08/05/2012	2000	
Test MW:		10.0	
Test TVD (ft):		1,000	
Test Prsr (psi):		1000	
LOT/FIT:		29.5	
BOP Drill:		08/08/2012	
Fire Drill:		08/10/2012	
Evac Drill:		07/08/2012	
Safety Meeting:		08/14/2012 05:30	
Spills Reported (Y/N):			
Accidents(S)(Y/N):			

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.WT. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 1,287 gals., Recieved: 7004 gals, Total on Loc.: 10,440 gal.
BIT TO BEND 6.42", BIT TO SENSOR 53", BIT TO GAMMA 41", rev/gal. .285
STOP: 10 JSA: 21
BIT TO BEND ON M.M. 6.42'
BIT TO SURVEY 53'
REVS PER GALLON .28

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
12:00	12:30	0.50	DRILL	DRILSLAT	SLIDE DRILLING, F/ 10,613' T/ 10,633', 20' @ 40' FPH,TF: 180, WOB:15, SPM: 150, GPM: 575, MTR RPM:161 ON BTM SPP: 3,150, OFF BTM SPP: 2950, DIFF: 250-350, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
12:30	13:00	0.50	DRILL	DRILRLAT	ROT. DRILLING F/ 10,663' T/ 10,708', 45' @ 81' FPH, RPM 75, TORQUE 5-10K, WOB:20, SPM: 150, GPM:573, MTR RPM: 75, ON BTM SPP: 3,500, OFF BTM SPP: 3,250, DIFF: 250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
13:00	13:30	0.50	DRILL	SERV	RIG SERVICE
13:30	14:30	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 10,708' T/ 10,733', 25' @ 25' FPH,TF: 180, WOB:15, SPM: 150, GPM: 575, MTR RPM:161 ON BTM SPP: 3,150, OFF BTM SPP: 2950, DIFF: 250, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
14:30	18:00	3.50	DRILL	DRILRLAT	ROT. DRILLING F/ 10,733T/ 11086', 313' @ 89' FPH, RPM 75, MTR RPM: 160, TORQUE 5-10K, WOB:20, SPM: 150, GPM:573, ON BTM SPP: 3,500, OFF BTM SPP: 3,250, DIFF: 200, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
18:00	19:00	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 11,086' T/ 11,116', 30' @ 30' FPH,TF: 180, WOB:15, SPM: 150, GPM: 575, MTR RPM:160 ON BTM SPP: 3,250, OFF BTM SPP: 3050, DIFF: 200, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 20 UNITS, MAX. GAS: 30 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
19:00	21:00	2.00	DRILL	DRILRLAT	ROT. DRILLING F/ 11,116 T/ 11274', 158' @ 79' FPH, RPM 75, MTR RPM: 160, TORQUE 5-10K, WOB:20, SPM: 150, GPM:570, ON BTM SPP: 3,500, OFF BTM SPP: 3,250, DIFF: 250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 60 UNITS, 100 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
21:00	22:00	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 11,274' T/ 11,300', 26' @ 26' FPH,TF: 180, WOB:15, SPM: 150, GPM: 575, MTR RPM:160 ON BTM SPP: 3,250, OFF BTM SPP: 3050, DIFF: 200, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 50 UNITS, MAX. GAS: 80 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS.
22:00	00:00	2.00	DRILL	DRILRLAT	ROT. DRILLING F/ 11,300 T/ 11558', 258' @ 129' FPH, RPM 75, MTR RPM: 160, TORQUE 5-12K, WOB:20, SPM: 150, GPM:570, ON BTM SPP: 3,500, OFF BTM SPP: 3,250, DIFF: 250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 60 UNITS, 130 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
00:00	01:00	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 11,558' T/ 11,564', 6' @ 6' FPH,TF: 180, WOB:15, SPM: 150, GPM: 570, MTR RPM:160 ON BTM SPP: 3,300, OFF BTM SPP: 3250, DIFF: 50, MW/VIS IN: 10.2 / 32, MW/VIS OUT: 10.2 / 32, BG GAS: 100 UNITS, MAX. GAS: 200 UNITS, NO MUD CUT.([ALARMS SET: (SPP: +- 50PSI), (FLOW: +-5%), (G/L: +-5BBLs.)), 100% RETURNS. STACKING WEIGHT WOULD NOT SLIDE.
01:00	02:30	1.50	DRILL	CIRC	PUMPED HIGH VIS SWEEP AROUND WHILE WORKING PIPE AT 90 RPM'S TO CLEAN HOLE TO AID IN SLIDING, BEFORE SWEEP P/U- 164K, S/O- 62K, ROT- 122K, PSI- 3250. AFTER SWEEP P/U- 162K, S/O 68K, ROT- 125K, PSI- 3050. CUTTINGS WERE COFFEE GROUND OR SMALLER IN SIZE BEFORE SWEEP. DURING SWEEP CUTTING AMOUNT INCREASED BY 200% AND IN SIZE TO 1/2" TO 1".
02:30	03:00	0.50	DRILL	DRILSLAT	ATTEMPT TO SLIDE DRILL, F/ 11,564' T/ 11,564', 0' @ 0' FPH,TF: 180, WOB:25, SPM: 150, GPM: 570, MTR RPM:160 ON BTM SPP: 3,150, OFF BTM SPP: 3150, DIFF: 0, UNABLE TO GENERATE ANY MOTOR DIFFERENTIAL PRESSURE, SUSPECT MOTOR FAILURE.
03:00	06:00	3.00	DRILL	CIRC	RACK BACK 1 STD AND CIRCULATE HI-VIS SWEEP TO SURFACE TO FURTHER CLEAN HOLE FOR TRIP. CUTTINGS WERE COFFEE GROUND OR SMALLER IN SIZE BEFORE SWEEP. DURING SWEEP CUTTING AMOUNT INCREASED BY 125% AND IN SIZE TO 1/2" TO 3/4". BUILD SLUG WHILE CIRCULATING AND FILL TRIP TANK TO POOH FOR MOTOR.
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/17/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	11,640	TVD (ft):	6,301	DOL:	18	DSS:	15
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	76			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	1.50			AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):	50.67	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$108,792	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$1,322,848	SHOE TD (ft):	987

24 Hrs SUMMARY: POOH FOR MOTOR, C/O MOTOR, TIH, DRILL AHEAD IN LATERAL SECTION
CURRENT ACTIVITY: DRILL AHEAD IN LATERAL SECTION.
FORECAST: DRILL AHEAD IN LATERAL SECTION TO TD.

BHA # : 07					Trip: 5		MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	5	Time:	20:49 Solids: 4.9
1	BIT	8.750	3.000	1.00	Model:	T606X	Comp:	John Lagrone
1	MUD MOTOR 1.75 Fixed	6.750	4.000	25.86	S/N:	7141383	Depth (ft):	11,564 Oil:
1	FLOAT SUB	6.500	2.375	2.65	MFG:	HUGHES	Water:	95 10 sec Gel (lb/100ft³): 0
1	MONEL DRILL COLLAR	6.500	2.875	30.83	Size (in):	8.750	MW (lb/gal):	10.3 10 min Gel (lb/100ft³): 0
1	HANG OFF SUB	6.500	3.250	5.98	IADC:		VISC (s/qt):	35 30 min Gel (lb/100ft³): 0
1	FLEX MONEL	6.500	2.875	30.77	IN (ft):		PV (cP):	10 CA: 380
45	DRILL PIPE	4.500	3.826	1416.15	OUT:		YP (lb/100ft³):	0 Pm:
1	XO	6.625	2.750	4.03	Length (ft):	5130.00	pH:	9.8 Pf: 0.4
1	AGITATOR	6.500	2.500	12.97	Hours:	64	Chl:	156000 Ex Lime (lb/bbl):
1	SHOCK SUB	6.875	2.000	11.62	ROP (ft/hr):	80.16	WL:	10 Elec Stab:
1	XO	6.375	2.875	3.15	TFA (1/32in³):	0.0466	HTHP:	MBT:
Buoyed Weight (lbs): 27850 Total Length (ft): 1,545.01					WOB (lbs):	25.00	FC (1/32"):	ECD (lb/gal): 10.3
MUD Logging					P/U Wt:	162000	Mud Used	
Depth (ft): Max Gas:					S/O Wt:	70000	Mud Additive	Used
BGG: Trip Gas:					RPM:	160	CONQOR 404	1
CG: Mud Cut:					ROT Wt:	125000	DEFOAM A	1
MUD VOLUMES					Torque (ft lbf):	3500.00	ENGINEERING SERVICE	1
DP (bbl): Reserve Pits (bbl):					DRAG:		LIME	4
Annulus (bbl): Active Pits (bbl):					I:		M-I WATE (BARITE)	157
LOST (bbl):					O:		MF-55	2
					D:		POLYPAC R	3
					L:		SALT 96%	182
					B:		SALT GEL	22
					G:			
					O:			
					R:			

SURVEYS							KB Elev (ft): 2,591	GL Elev (ft): 2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	TOH	FLOW CHECK WELL, WELL SATIC. TOH FROM 11,565' TO 11,080' WITH NO PROBLEMS, PUMP WEIGHTED SLUG TO DRY PIPE.
07:00	10:00	3.00	DRILL	TOH	TOH FROM 11080' TO SURFACE WITH 40K OVER TIGHT SPOT FROM 7,945' TO 7,700' AND IN CURVE FROM 6,485' TO 6,245'.
10:00	13:30	3.50	DRILL	TOH	TOH FROM 6,245' TO BHA WITH NO PROBLEMS
13:30	15:30	2.00	DRILL	BHADIR	HANDLE BHA. BIT BOX ON MUD MOTOR COULD BE TURNED BY HAND SUSPECT BROKEN DRIVE SHAFT, GRADED BIT AT 1-1-IN
15:30	16:00	0.50	DRILL	TOH	PULL WEAR BUSHING, INSPECT, GREASE AND INSTALL WEAR BUSHING.
16:00	16:30	0.50	DRILL	BOPTST	FUNCTION TEST BLIND RAMS, PIPE RAMS AND ANNULAR. PUMP THROUGH KILL LINE, OUT THROUGH CHOKE LINE AND POOR BOY.
16:30	18:00	1.50	DRILL	BHADIR	MAKE UP NEW SCIENTIFIC 1.75 FIXED 7/8, 3.0 STG MUD MOTOR SCRIBE TO MWD AND SURFACE TEST GOOD TEST MAKE UP 8-3/4" RE-RUN BIT # 5
18:00	18:30	0.50	DRILL	TIH	TIH HOLE WITH DIRECTIONAL BHA T/ 980'.

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.W.T. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 860 gals., Recieved: gals, Total on Loc.: 9,580 gal.
BIT TO BEND 6.42', BIT TO SENSOR 53', BIT TO GAMMA 41', rev/gal. .285
STOP: 10 JSA: 21
BIT TO BEND ON M.M. 6.42'
BIT TO SURVEY 53'
REVS PER GALLON .28

HYDRAULICS			
Std. Pipe (psi):	570	Total GPM (Gals/min):	570
		Total SPM:	148
AV(DP) (ft/min):	247.2	AV(DC) (ft/min):	405.7
Jet Vel (ft/s):	122.65	PSI Drop (psi):	138.567
Bit HP (HP):	46.10	HP/in2 (HP/in²):	0.77
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	11.000	11.000	
Liner Id (in):	6.000	6.000	
SPM:	74	74	
Rod Dia (in):	11.000	11.000	
Eff %:	95	95	
GPM (Gals/min):	285	285	

SLOW PUMP RATES			
Depth (ft):			
SPM:	40	40	
PRSR (psi):	650	650	

Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000
Test MW:		10.0
Test TVD (ft):		1,000
Test Prsr (psi):		1000
LOT/FIT:		29.5
BOP Drill:		08/08/2012
Fire Drill:		08/10/2012
Evac Drill:		07/08/2012
Safety Meeting:		08/14/2012 05:30
Spills Reported (Y/N):		
Accidents(S)(Y/N):		

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
18:30	21:00	2.50	DRILL	SERV	SLIP AND CUT DRILL LINE AND CHANGE GEAR OIL IN TDS.
21:00	22:30	1.50	DRILL	TIH	TIH F/ 980' T/ 3450' AND FILL PIPE.
22:30	23:00	0.50	DRILL	BHAOP	INSTALL ROTATING HEAD.
23:00	04:00	5.00	DRILL	TIH	CONTINUE TRIPPING HOLE F/ 3450' T/ 11270'.
04:00	04:30	0.50	DRILL	REAM	WASH AND REAM F/ 11270' T/ 11564' WITH 570 GPM AND 75 RPM'S.
04:30	05:30	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 11,564 T/ 11,604', 66' @ 33' FPH,TF: 180, WOB:25, SPM: 148, GPM: 570, MTR RPM:160 ON BTM SPP: 3,300, OFF BTM SPP: 3100, DIFF: 200, MW/VIS IN: 10.25 / 32, MW/VIS OUT: 10.25 / 32, BGGAS: 0 UNITS, MAX. GAS: 0 UNITS, NO MUD CUT.[(ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L:+/-5BBLs.)), 100% RETURNS.
05:30	06:00	0.50	DRILL	DRILRLAT	ROT. DRILLING F/ 11,604' T/ 11,640', 36' @ 72' FPH, RPM 75, MTR RPM: 160 TORQUE 5-12K, WOB:20, SPM: 148, GPM:570, ON BTM SPP: 3,500, OFF BTM SPP: 3,250, DIFF: 250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100%
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/18/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	13,073	TVD (ft):	6,368	DOL:	19	DSS:	16
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	1,433			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	18.50			AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):	77.46	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$60,665	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$1,383,513	SHOE TD (ft):	987

24 Hrs SUMMARY: ROTATE/SLIDE DRILLING AHEAD IN THE LATERAL SECTION, PUMP SWEEP
CURRENT ACTIVITY: TOH 7 STDs WET TO PICK UP 3 STDs OF DRILL PIPE, RIH WITH HWDP TO REACH TD.
FORECAST: DRILL AHEAD IN LATERAL SECTION TO TD.

BHA # : 07					Trip: 5		MUD PROPERTIES				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:	5		Time:	14:31	Solids:	3.9
1	BIT	8.750	3.000	1.00	Model:	T606X		Comp:	MI	SWACO	
1	MUD MOTOR 1.75 Fixed	6.750	4.000	25.86	S/N:	7141383		Depth (ft):	12,608	Oil:	
1	FLOAT SUB	6.500	2.375	2.65	MFG:	HUGHES		Water:	96	10 sec Gel (lb/100ft³):	0
1	MONEL DRILL COLLAR	6.500	2.875	30.83	Size (in):	8.750		MW (lb/gal):	10.2	10 min Gel (lb/100ft³):	0
1	HANG OFF SUB	6.500	3.250	5.98	IADC:			VISC (s/qt):	33	30 min Gel (lb/100ft³):	0
1	FLEX MONEL	6.500	2.875	30.77	IN (ft):			PV (cP):	9	CA:	380
45	DRILL PIPE	4.500	3.826	1416.15	OUT:			YP (lb/100ft³):	0	Pm:	0.0
1	XO	6.625	2.750	4.03	Length (ft):	6563.00		pH:	9.8	Pf:	0.4
1	AGITATOR	6.500	2.500	12.97	Hours:	83		Chl:	164000	Ex Lime (lb/bbl):	
1	SHOCK SUB	6.875	2.000	11.62	ROP (ft/hr):	79.55		WL:	10	Elec Stab:	
1	XO	6.375	2.875	3.15	TFA (1/32in²):	0.0466		HTHP:		MBT:	
					WOB (lbs):	25.00		FC (1/32"): ECD (lb/gal):			10.7
Buoyed Weight (lbs): 27901					Total Length (ft): 1,545.01						
MUD Logging											
Depth (ft):		Max Gas:									
BGG:		Trip Gas:									
CG:		Mud Cut:									
MUD VOLUMES											
DP (bbl):		Reserve Pits (bbl):									
Annulus (bbl):		Active Pits (bbl):									
		LOST (bbl):									
					Bit:	5					
					Model:	T606X					
					S/N:	7141383					
					MFG:	HUGHES					
					Size (in):	8.750					
					IADC:						
					IN (ft):						
					OUT:						
					Length (ft):	6563.00					
					Hours:	83					
					ROP (ft/hr):	79.55					
					TFA (1/32in²):	0.0466					
					WOB (lbs):	25.00					
					P/U Wt:	168000					
					S/O Wt:	50000					
					RPM:	160					
					ROT Wt:	121000					
					Torque (ft lbf):	13500.00					
					DRAG:						
					I:	1					
					O:	1					
					D:	BT					
					L:	G					
					B:						
					G:	I					
					O:	WT					
					R:	DTF					
								Time:	14:31	Solids:	3.9
								Comp:	MI	SWACO	
								Depth (ft):	12,608	Oil:	
								Water:	96	10 sec Gel (lb/100ft³):	0
								MW (lb/gal):	10.2	10 min Gel (lb/100ft³):	0
								VISC (s/qt):	33	30 min Gel (lb/100ft³):	0
								PV (cP):	9	CA:	380
								YP (lb/100ft³):	0	Pm:	0.0
								pH:	9.8	Pf:	0.4
								Chl:	164000	Ex Lime (lb/bbl):	
								WL:	10	Elec Stab:	
								HTHP:		MBT:	
								FC (1/32"): ECD (lb/gal):			10.7
Mud Used											
Mud Additive										Used	
CAUSTIC SODA										9	
DUO-VIS										4	
ENGINEERING SERVICE										1	
M-I WATE (BARITE)										61	
MF-55										2	
PALLETS										8	
POLYPAC R										7	
SALT 96%										50	
SALT GEL										28	
SHRINK WRAPPING										8	
SODA ASH										5	
TRUCKING SERVICE										1500	

Buoyed Weight (lbs): 27901 Total Length (ft): 1,545.01

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							
				KB Elev (ft):	2,591	GL Elev (ft):	2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.
13,020	88.64	357.51	6,368	7183.55	7182.46	125.34	0.98
12,925	88.46	356.63	6,367	7088.45	7087.24	130.99	3.06
12,831	88.81	353.73	6,364	6994.98	6993.61	138.88	0.75
12,736	88.64	353.03	6,362	6900.86	6899.27	149.82	1.56
12,641	88.81	354.52	6,360	6806.65	6804.85	160.11	2.05
12,547	89.08	356.46	6,358	6713.13	6711.17	167.50	1.23
12,453	89.60	357.51	6,357	6619.36	6617.30	172.44	0.92

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 11,654 T/ 11,694', 40' @ 40' FPH,TF: 180, WOB:22, SPM: 150, GPM: 573, MTR RPM:160 ON BTM SPP: 3,500, OFF BTM SPP: 3,250, DIFF: 250, MW/ VIS IN: 10.25 / 32, MW/VIS OUT: 10.25 / 32, BGGAS: 40 UNITS, MAX. GAS: 120 UNITS, NO MUD CUT. (ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L: +/-5BBLs.)), 100% RETURNS.
07:00	07:00	24.00			
07:00	12:00	5.00	DRILL	DRILRLAT	ROT. DRILLING F/ 11,694' T/ 12,033', 339' @ 68' FPH, RPM 75, TORQUE 5-10K, WOB:20, SPM: 150, GPM:573, MTR RPM: 75, ON BTM SPP: 3,500, OFF BTM SPP: 3,250, DIFF: 250, MW/VIS IN: 10.2 ppg. /32, MW/VIS OUT: 10.2 ppg. / 60, BG GAS: 180 UNITS, 30 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100% RETURNS.
12:00	13:00	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 12,033 T/ 12,068', 35' @ 35' FPH,TF: 45L, WOB:32, SPM: 150, GPM: 573, MTR RPM:160 ON BTM SPP: 3,500, OFF BTM SPP: 3250, DIFF: 250, MW/ VIS IN: 10.25 / 32, MW/VIS OUT: 10.25 / 32, BGGAS: 60 UNITS, MAX. GAS: 204 UNITS, NO MUD CUT. (ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L: +/-5BBLs.)), 100% RETURNS.

48.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.WT. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 2430 gals., Recieved: gals, Total on Loc.: 7,150 gal.
BIT TO BEND 6.42', BIT TO SENSOR 53', BIT TO GAMMA 41', rev/gal. .285
STOP: 10 JSA: 21
BIT TO BEND ON M.M. 6.42'
BIT TO SURVEY 53'
REVS PER GALLON .28

HYDRAULICS			
Std. Pipe (psi):	570	Total GPM (Gals/min):	570
		Total SPM:	148
AV(DP) (ft/min):	247.2	AV(DC) (ft/min):	405.7
Jet Vel (ft/s):	122.65	PSI Drop (psi):	137.221
Bit HP (HP):	45.65	HP/in2 (HP/in²):	0.76
PUMP#1		PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	11.000	11.000	
Liner Id (in):	6.000	6.000	
SPM:	74	74	
Rod Dia (in):	11.000	11.000	
Eff %:	95	95	
GPM (Gals/min):	285	285	

SLOW PUMP RATES			
Depth (ft):			
SPM:	40	40	
PRSR (psi):	630	660	

Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000
Test MW:		10.0
Test TVD (ft):		1,000
Test Prsr (psi):		1000
LOT/FIT:		29.5
BOP Drill:		08/08/2012
Fire Drill:		08/10/2012
Evac Drill:		07/08/2012
Safety Meeting:		08/14/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
13:00	14:30	1.50	DRILL	DRILRLAT	ROT. DRILLING F/ 12,068' T/ 12,222', 154' @ 103' FPH, RPM 75, TORQUE 5-10K, WOB:25, SPM: 150, GPM:573, MTR RPM: 75, ON BTM SPP: 3,700, OFF BTM SPP: 3,250, DIFF: 450, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 162 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100% RETURNS.
14:30	15:00	0.50	DRILL	DRILSLAT	SLIDE DRILLING, F/ 12,222' T/ 12,251', 29' @ 58' FPH,TF: HS, WOB:32, SPM: 150, GPM: 573, MTR RPM:160 ON BTM SPP: 3,500, OFF BTM SPP: 3250, DIFF: 250, MW/VIS IN: 10.25 / 32, MW/VIS OUT: 10.25 / 32, BGGAS: 60 UNITS, MAX. GAS: 204 UNITS, NO MUD CUT.[(ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L:+/-5BBLs.)), 100% RETURNS.
15:00	15:30	0.50	DRILL	DRILRLAT	ROT. DRILLING F/ 12,251' T/ 12,318', 67' @ 134' FPH, RPM 75, TORQUE 5-10K, WOB:25, SPM: 150, GPM:573, MTR RPM: 75, ON BTM SPP: 3,700, OFF BTM SPP: 3,250, DIFF: 450, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 20 UNITS, 162 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100% RETURNS.
15:30	16:00	0.50	DRILL	SERV	SERVICE RIG AND TDS WHILE PUMPING SWEEP.
16:00	18:00	2.00	DRILL	CIRC	CIRCULATE SWEEPS AROUND TO SURFACE WHILE WORKING THE PIPE WITH 75 RPM'S AND 570 GPM'S.
18:00	22:00	4.00	DRILL	DRILRLAT	ROT. DRILLING F/ 12,318' T/ 12,792', 474' @ 119' FPH, RPM 75, TORQUE 5-10K, WOB:25, SPM: 150, GPM:573, MTR RPM: 75, ON BTM SPP: 3,700, OFF BTM SPP: 3,250, DIFF: 450, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 70 UNITS, 240 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100% RETURNS. PUMPED 40 BBL SWEEP @ 12415' AND 12610'.
22:00	23:00	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 12,792' T/ 12,832', 40' @ 40' FPH,TF: 60R, WOB:32, SPM: 150, GPM: 573, MTR RPM:160 ON BTM SPP: 3,500, OFF BTM SPP: 3250, DIFF: 250, MW/VIS IN: 10.25 / 32, MW/VIS OUT: 10.25 / 32, BGGAS: 60 UNITS, MAX. GAS: 204 UNITS, NO MUD CUT.[(ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L:+/-5BBLs.)), 100% RETURNS.
23:00	23:30	0.50	DRILL	DRILRLAT	ROT. DRILLING F/ 12,832' T/ 12,888', 56' @ 112' FPH, RPM 75, MTR RPM: 160, TORQUE 6-13K, WOB:25, SPM: 150, GPM:573, ON BTM SPP: 3,700, OFF BTM SPP: 3,250, DIFF: 450, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS:70 UNITS, 205 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100% RETURNS.
23:30	00:30	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 12,888' T/ 12,928', 40' @ 40' FPH,TF: 90R, WOB:32, SPM: 150, GPM: 573, MTR RPM:160 ON BTM SPP: 3,500, OFF BTM SPP: 3250, DIFF: 250, MW/VIS IN: 10.25 / 32, MW/VIS OUT: 10.25 / 32, BGGAS: 60 UNITS, MAX. GAS: 204 UNITS, NO MUD CUT.[(ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L:+/-5BBLs.)), 100% RETURNS.
00:30	01:30	1.00	DRILL	DRILRLAT	ROT. DRILLING F/ 12,928' T/ 12,977', 49' @ 49' FPH, RPM 75, MTR RPM: 160, TORQUE 6-13K, WOB:25, SPM: 150, GPM:573, ON BTM SPP: 3,750, OFF BTM SPP: 3,250, DIFF: 450, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 60 UNITS, 162 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100% RETURNS.
01:30	02:30	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 12,977' T/ 13,017', 40' @ 40' FPH,TF: 80R, WOB:32, SPM: 150, GPM: 573, MTR RPM:160 ON BTM SPP: 3,500, OFF BTM SPP: 3250, DIFF: 250, MW/VIS IN: 10.25 / 32, MW/VIS OUT: 10.25 / 32, BGGAS: 60 UNITS, MAX. GAS: 204 UNITS, NO MUD CUT.[(ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L:+/-5BBLs.)), 100% RETURNS.
02:30	03:00	0.50	DRILL	DRILRLAT	ROT. DRILLING F/ 13,017' T/ 13,073', 56' @ 112' FPH, RPM 75, MTR RPM: 160, TORQUE 6-13K, WOB:25, SPM: 150, GPM:573, ON BTM SPP: 3,750, OFF BTM SPP: 3,250, DIFF: 450, MW/VIS IN: 10.2 ppg./32, MW/VIS OUT: 10.2 ppg. / 32, BG GAS: 70 UNITS, 280 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100% RETURNS.
03:00	05:00	2.00	DRILL	CIRC	CIRCULATE HI-VIS SWEEP AROUND TO SURFACE WHILE WORKING THE PIPE WITH 75 RPM'S AND 570 GPM'S.
05:00	06:00	1.00	DRILL	TOH	PULL OUT 7 STDs WET, RIH WITH 4 STDs OF HWDP AND P/U 9 JTS OF DRILL PIPE TO REACH TD.
		48.00	= Total Hours Today		



DAILY DRILLING REPORT

DATE : 08/19/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	13,073	TVD (ft):	6,369	DOL:	20	DSS:	17
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	19			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	2.00			AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$40,570	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$1,424,083	SHOE TD (ft):	987

24 Hrs SUMMARY: POOH FOR MWD FAILURE, C/O BIT, MOTOR, MWD, TIH
CURRENT ACTIVITY: TRIPPING IN THE HOLE WITH NEW DIRECTIONAL BHA.
FORECAST: DRILL AHEAD IN LATERAL SECTION TO TD.

BHA # : 08					Trip:		6	5	MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		6	5	Time:	14:13 Solids:
1	BIT	8.750	3.000	1.00	Model:		U616M	T606X	Comp:	MI SWACO
1	MUD MOTOR 1.75 Fixed	6.750	4.000	22.12	S/N:		15450	7141383	Depth (ft):	13,073 Oil:
1	FLOAT SUB	6.500	2.375	2.65	MFG:		ULTERRA	HUGHES	Water:	95 10 sec Gel (lb/100ft³):
1	MONEL DRILL COLLAR	6.500	2.875	30.83	Size (in):		8.750	8.750	MW (lb/gal):	10.3 10 min Gel (lb/100ft³):
1	HANG OFF SUB	6.500	3.250	5.98	IADC:				VISC (s/qt):	35 30 min Gel (lb/100ft³):
1	MONEL DRILL COLLAR	6.500	2.875	30.77	IN (ft):		13092.00		PV (cP):	10 CA:
45	DRILL PIPE	4.500	3.826	1416.15	OUT:			13092.00	YP (lb/100ft³):	0 Pm:
1	XO	6.625	2.750	4.03	Length (ft):			6582.00	pH:	10.2 Pf:
1	AGITATOR	6.500	2.500	12.97	Hours:			83	Chl:	142000 Ex Lime (lb/bbl):
1	SHOCK SUB	6.875	2.000	11.62	ROP (ft/hr):			79.30	WL:	10 Elec Stab:
1	XO	6.375	2.875	3.15	TFA (1/32in³):		0.0466	0.0466	HTHP:	MBT:
Buoyed Weight (lbs): 27601 Total Length (ft): 1,541.27					WOB (lbs):			25.00	FC (1/32"):	ECD (lb/gal):
					P/U Wt:				Mud Used	
					S/O Wt:				Mud Additive	
					RPM:			160	Used	
					ROT Wt:				CAUSTIC SODA	1
					Torque (ft lbf):				CONQOR 404	1
					DRAG:				DUO-VIS	2
					I:			1	ENGINEERING SERVICE	1
					O:			1	M-I WATE (BARITE)	40
					D:			BT	SALT 96%	98
					L:			G	SALT GEL	10
					B:				SODA ASH	1
					G:			I		
					O:			WT		
					R:			DTF		

SURVEYS							
				KB Elev (ft):	2,591	GL Elev (ft):	2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.
13,290	89.08	355.58	6,375	7451.59	7452.37	111.18	2.89
13,195	88.46	358.30	6,373	7356.76	7357.37	116.25	2.90

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	06:30	0.50	DRILL	TIH	RIH W/ HW OUT OF DERRICK T/12,800'
06:30	07:00	0.50	DRILL	REAM	ATTEMPTED TO WASH F/ 12,800' TOP DRIVE FAILED, TROUBLESHOOT TOP DRIVE, FOUND GRAPPER-DIES WORN OUT.
07:00	08:00	1.00	DRILL	CIRC	CIRCULATE B/U WHILE GETTING READY TO CHANGE DIES.
08:00	09:00	1.00	DRILL	SERV	CHANGE GRABBER-DIES ON TOP DRIVE.
09:00	09:30	0.50	DRILL	REAM	WASH WITH 30' SINGLES F/ 12800' T/ 13073'.
09:30	10:00	0.50	DRILL	DRILSLAT	ATTEMPT TO SYNC WITH NO SUCCESS, TROUBLE SHOOT MWD.
10:00	10:30	0.50	DRILL	DRILRLAT	ROTARY DRILL WITH NO DIRECTIONAL CONTROL F/ 13,073' T/ 13092' WHILE TROUBLE SHOOTING MWD
10:30	11:30	1.00	DRILL	DRILRLAT	CHANGE OUT MWD CABLES AND TRANSDUCER ON STAND PIPE WITH NO SUCCESS.
11:30	13:00	1.50	DRILL	CIRC	PUMP WEIGHTED HIGH VIS SWEEP, SAW SMALL AMOUNTS OF COFFEE GROUNDS FROM SHAKERS, ATTEMPTED TO SYNC UP MWD WITH NO SUCCESS.
13:00	13:30	0.50	DRILL	TOH	FLOW CHECK WELL FOR 15 MIN, WELL STATIC.
13:30	14:30	1.00	DRILL	TOH	TOH F/ 13,390' T/ 12,116' PUMPED SLUG TO DRY PIPE.
14:30	19:30	5.00	DRILL	TOH	TOH F/ 12116' T/ 677'.

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.WT. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 2430 gals., Recieved: gals, Total on Loc.: 7,150 gal.
BIT TO BEND 6.42', BIT TO SENSOR 53', BIT TO GAMMA 41', rev/gal. .285
STOP: 10 JSA: 21
BIT TO BEND ON M.M. 6.42'
BIT TO SURVEY 53'
REVS PER GALLON .28

HYDRAULICS			
Std. Pipe (psi):	Total GPM (Gals/min):		0
	Total SPM:		0
AV(DP) (ft/min):	0.0	AV(DC) (ft/min):	0.0
Jet Vel (ft/s):	0.00	PSI Drop (psi):	0.000
Bit HP (HP):	0.00	HP/in2 (HP/in²):	0.00
#Cyl:	PUMP#1	PUMP#2	PUMP#3
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			

SLOW PUMP RATES			
Depth (ft):			
SPM:	20	20	
PRSR (psi):	430	450	

Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000
Test MW:		10.0
Test TVD (ft):		1,000
Test Prsr (psi):		1000
LOT/FIT:		29.5
BOP Drill:		08/08/2012
Fire Drill:		08/10/2012
Evac Drill:		07/08/2012
Safety Meeting:		08/14/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
19:30	20:00	0.50	DRILL	BOPOTHER	REMOVE ROTATING HEAD AND INSTALL TRIP NIPPLE.
20:00	20:30	0.50	DRILL	TOH	TOH F/ 677' TO DIRECTIONAL BHA.
20:30	22:00	1.50	DRILL	BHAOP	BREAK BIT, L/D MOTOR, P/U NEW MOTOR, M/U NEW BIT AND SCRIBE MOTOR TO MWD. BIT GRADING 1-1-BT-G-IN-WT-DTF.
22:00	23:00	1.00	DRILL	BHAOP	CHANGE OUT MWD AND TEST MWD/MOTOR, TESTED OK.
23:00	23:30	0.50	DRILL	SERV	SERVICE RIG AND TDS.
23:30	00:30	1.00	DRILL	TIH	TIH TO 3123'.
00:30	01:00	0.50	DRILL	BOPOTHER	PULL TRIP NIPPLE AND INSTALL ROTATING HEAD AFTER CHANGING OUT ROTATING HEAD RUBBER.
01:00	06:00	5.00	DRILL	TIH	TIH F/ 3123' T/ 12700' FILLING PIPE EVERY 30 STDS.
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/20/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	14,025	TVD (ft):	6,392	DOL:	21	DSS:	18
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	951			FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:	14.00			AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):	69.04	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$49,732	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$1,473,815	SHOE TD (ft):	987

24 Hrs SUMMARY: ROT/SLIDE TO TD, CIRC SWEEPS, LAY DOWN DRILL PIPE.

CURRENT ACTIVITY: LAYING DOWN DRILL PIPE.

FORECAST: LAY DOWN DRILL PIPE, BHA, TEST PIPE RAMS AND ANNULAR, R/U TO RUN 5.5 20# CASING.

BHA # : 08					Trip:		6	5	MUD PROPERTIES			
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit: (in)		6	5	Time:	15:06	Solids:	3.8
1	BIT	8.750	3.000	1.00	Model:	U616M		T606X	Comp:	MI	SWACO	
1	MUD MOTOR 1.75 Fixed	6.750	4.000	22.12	S/N:	15450		7141383	Depth (ft):	13,170	Oil:	
1	FLOAT SUB	6.500	2.375	2.65	MFG:	ULTERRA		HUGHES	Water:	96	10 sec Gel (lb/100ft³):	0
1	MONEL DRILL COLLAR	6.500	2.875	30.83	Size (in):	8.750		8.750	MW (lb/gal):	10.3	10 min Gel (lb/100ft³):	0
1	HANG OFF SUB	6.500	3.250	5.98	IADC:				VISC (s/qt):	35	30 min Gel (lb/100ft³):	1
1	MONEL DRILL COLLAR	6.500	2.875	30.77	IN (ft):	13092.00			PV (cP):	10	CA:	
45	DRILL PIPE	4.500	3.826	1416.15	OUT (ft):	14025.00		13092.00	YP (lb/100ft³):	0	Pm:	
1	XO	6.625	2.750	4.03	Length (ft):	932.00		6601.00	pH:	10.2	Pf:	0.6
1	AGITATOR	6.500	2.500	12.97	Hours:	14		84	Chl:	172	Ex Lime (lb/bbl):	
1	SHOCK SUB	6.875	2.000	11.62	ROP (ft/hr):	69.04		79.05	WL:	16	Elec Stab:	
1	XO	6.375	2.875	3.15	TFA (1/32in²):	0.0466		0.0466	HTHP:		MBT:	
					WOB (lbs):	25.00		25.00	FC (1/32"): ECD (lb/gal):			
					P/U Wt:	178		178	Mud Used			
					S/O Wt:	70		70	Mud Additive			Used
					RPM:	175		160	CAUSTIC SODA			6
					ROT Wt:	132		132	CONQOR 404			1
					Torque (ft lbf):	14000.00		14000.00	DUO-VIS			5
					DRAG:				ENGINEERING SERVICE			1
					I:			1	M-I WATE (BARITE)			320
					O:			1	MF-55			2
					D:			BT	PALLETS			12
					L:			G	POLYPAC R			10
					B:				SALT 96%			150
					G:			I	SHRINK WRAPPING			12
					O:			WT	SODA ASH			3
					R:			DTF	TRUCKING SERVICE			1500

Buoyed Weight (lbs):	27601	Total Length (ft):	1,541.27
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MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.W.T. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 830 gals., Recieved: gals, Total on Loc.: 3,718 gal.
BIT TO BEND 6.10', BIT TO SENSOR 49', BIT TO GAMMA 38', rev/gal. .306
STOP: 12 JSA: 18

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
13:30	14:30	1.00	DRILL	DRILSLAT	SLIDE DRILLING, F/ 13,339 T/ 13,379', 40' @ 40' FPH,TF: 90R, WOB:32, SPM: 150, GPM: 573, MTR RPM:175 ON BTM SPP: 3,600, OFF BTM SPP: 3400, DIFF: 250, MW/VIS IN: 10.5 / 32, MW/VIS OUT: 10.3 / 32, BGGAS: 60 UNITS, MAX. GAS: 180 UNITS, NO MUD CUT.[(ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L:+/-5BBLs.)), 100% RETURNS.
14:30	15:00	0.50	DRILL	DRILRLAT	ROT. DRILLING F/ 13,379' T/ 13,433', 54' @ 108' FPH, RPM 75, TORQUE 12K, WOB:27, SPM: 150, GPM:573, MTR RPM: 175, ON BTM SPP: 3,800, OFF BTM SPP: 3,400, DIFF: 400, MW/VIS IN: 10.3ppg. /35, MW/VIS OUT: 10.3 ppg. / 35, BG GAS: 60 UNITS, 80 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100% RETURNS.
15:00	16:30	1.50	DRILL	DRILSLAT	SLIDE DRILLING, F/ 13,433 T/ 13,473', 40' @ 27' FPH,TF: 90R, WOB:32, SPM: 150, GPM: 573, MTR RPM:175 ON BTM SPP: 3,600, OFF BTM SPP: 3400, DIFF: 250, MW/VIS IN: 10.5 / 32, MW/VIS OUT: 10.3 / 32, BGGAS: 60 UNITS, MAX. GAS: 80 UNITS, NO MUD CUT.[(ALARMS SET: (SPP: +/- 50PSI), (FLOW: +/-5%), (G/L:+/-5BBLs.)), 100% RETURNS.
16:30	22:30	6.00	DRILL	DRILRLAT	ROT. DRILLING F/ 13,473' T/ 14,025'(T.D UNIVERSITY 46 1304H AT 22:30 ON 8/19/2012) 552' @ 92' FPH, RPM 75, TORQUE 12K, WOB:27, SPM: 150, GPM:573, MTR RPM: 175, ON BTM SPP: 3,800, OFF BTM SPP: 3,400, DIFF: 400, MW/VIS IN: 10.3ppg. /35, MW/VIS OUT: 10.3 ppg. / 35, BG GAS: 205 UNITS, 80 UNITS MAX. CUTTINGS SIZE IS GROUND OR SMALLER. 100% RETURNS.
22:30	00:30	2.00	DRILL	CIRC	PUMP 30 BBL WEIGHTED (11.5ppg/ 80vis) SWEEP WHILE WORKING PIPE WITH 75 RPM'S AND 570 GPM'S. RACK BACK KELLY STD.
00:30	02:30	2.00	DRILL	CIRC	PUMPED 30 BBL WEIGHTED (11.5ppg/ 80 vis) SWEEP FOLLOWED BY A 30 BBL HI-VIS (120vis) SWEEP WHILE WORKING PIPE WITH 75 RPM'S AND 570 GPM'S. RACKED BACK STD.
02:30	04:00	1.50	DRILL	CIRC	PUMPED 30 BBL WEIGHTED (11.5ppg/ 80 vis) SWEEP FOLLOWED BY A 30 BBL HI-VIS (120vis) SWEEP WHILE WORKING PIPE WITH 75 RPM'S AND 570 GPM'S. RACKED BACK STD.
04:00	04:30	0.50	DRILL	TOH	PULL12 STDs WET WHILE BUILDING SLUG. WITH NO PROBLEMS
04:30	05:00	0.50	DRILL	CIRC	CHECK FLOW FOR 15 MINS AND SLUG PIPE.
05:00	06:00	1.00	DRILL	LAYDN	LAY DOWN DRILL PIPE.
24.00 = Total Hours Today					

WELL:	UNIVERSITY 46 1304H	MD (ft):	14,025	TVD (ft):	6,391	DOL:	22	DSS:	19
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	951			FOREMAN:	WARREN ASH		
STATE:	TX CROCKETT	HRS DRLG:				AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):	69.04	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$640,187	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$2,114,002	SHOE TD (ft):	987

24 Hrs SUMMARY:	LAY DOWN DRILL PIPE, BHA, C/O RAMS, TEST RAMS AND ANNULAR, R/U TO RUN CASING.
CURRENT ACTIVITY:	RIGGING UP CRT AND CASING TONGS WITH TORQUE TURN.
FORECAST:	RUN 5 1/2" PRODUCTION CASING, CEMENT.

BHA # : 08				
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)
1	BIT	8.750	3.000	1.00
1	MUD MOTOR 1.75 Fixed	6.750	4.000	22.12
1	FLOAT SUB	6.500	2.375	2.65
1	MONEL DRILL COLLAR	6.500	2.875	30.83
1	HANG OFF SUB	6.500	3.250	5.98
1	MONEL DRILL COLLAR	6.500	2.875	30.77
45	DRILL PIPE	4.500	3.826	1416.15
1	XO	6.625	2.750	4.03
1	AGITATOR	6.500	2.500	12.97
1	SHOCK SUB	6.875	2.000	11.62
1	XO	6.375	2.875	3.15
Buoyed Weight (lbs):		27601	Total Length (ft):	1,541.27
MUD Logging				
Depth (ft):		Max Gas:		
BGG:		Trip Gas:		
CG:		Mud Cut:		
MUD VOLUMES				
DP (bbl):		Reserve Pits (bbl):		
Annulus (bbl):		Active Pits (bbl):		
		LOST (bbl):		
Trip:				
Bit:		6	5	
Model:		U616M	T606X	
S/N:		15450	7141383	
MFG:		ULTERRA	HUGHES	
Size (in):		8.750	8.750	
IADC:				
IN (ft):		13092.00		
OUT (ft):		14025.00	13092.00	
Length (ft):		1864.00	6620.00	
Hours:		27	84	
ROP (ft/hr):		69.04	78.81	
TFA (1/32in²):		0.0466	0.0466	
WOB (lbs):		25.00	25.00	
P/U Wt:				
S/O Wt:				
RPM:		175	160	
ROT Wt:				
Torque (ft lbf):				
DRAG:				
I:		1		
O:		1		
D:		BT		
L:		G		
B:				
G:		I		
O:		WT		
R:		DTF		
MUD PROPERTIES				
Time:		20:46	Solids:	4.0
Comp:		John Lagrone		
Depth (ft):		14,025	Oil:	
Water:		96	10 sec Gel (lb/100ft³):	0
MW (lb/gal):		10.3	10 min Gel (lb/100ft³):	0
VISC (s/qt):		36	30 min Gel (lb/100ft³):	1
PV (cP):		12	CA:	
YP (lb/100ft²):		0	Pm:	
pH:		10.0	Pf:	0.4
Chl:		175000	Ex Lime (lb/bbl):	
WL:		12	Elec Stab:	
HTHP:			MBT:	
FC (1/32"):			ECD (lb/gal):	10.4
Mud Used				
Mud Additive				Used
DUO-VIS				26
ENGINEERING SERVICE				1
LIME				5
POLYPAC R				6
SALT GEL				31
SODA ASH				16

SURVEYS					KB Elev (ft):	2,591	GL Elev (ft):	2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	
FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours			
06:00	19:00	13.00	DRILL	LAYDN	TOH LAYING DOWN DRILL STRING FROM 12,900 TO 2500' WITH NO PROBLEMS , HOLE ON CONTINUOUS FILL FROM TRIP TANK. TOTAL TRIP OUT OF HOLE FILL. CAL 85 BBL, ACTUAL 121 BBL, 36 BBL OVER.			
19:00	20:00	1.00	DRILL	LAYDN	LAY DOWN MWD, BREAK BIT AND LAY DOWN MOTOR.			
20:00	20:30	0.50	DRILL	TIH	TIH WITH 12 STDs FROM DERRICK.			
20:30	22:30	2.00	DRILL	LAYDN	LAY DOWN DRILL PIPE FROM DERRICK.			
22:30	01:00	2.50	DRILL	BOPTHER	PULL WEAR BUSHING, CLEAN STACK AND CHANGE OUT 4 1/2" PIPE RAMS TO 5 1/2" CASING RAMS.			
01:00	03:00	2.00	DRILL	BOPTST	R/U AND TEST PIPE RAMS TO LOW 250/5 MINS, HIGH 5000/5 MINS AND TEST ANNULAR TO LOW 250/ 5 MINS, HIGH 3500/5 MINS. (TEST GOOD) R/D SAME.			
03:00	03:30	0.50	DRILL	SERV	CLEAN UP RIG TO P/U CRT.			
03:30	06:00	2.50	DRILL	RUCASE	RIGGING UP CRT AND BYRD CASING TONGS WITH TORQUE TURN.			
		24.00	= Total Hours Today					

HYDRAULICS			
Std. Pipe (psi):	570	Total GPM (Gals/min):	570
		Total SPM:	148
AV(DP) (ft/min):	247.2	AV(DC) (ft/min):	405.7
Jet Vel (ft/s):	122.65	PSI Drop (psi):	138.567
Bit HP (HP):	46.10	HP/in2 (HP/in²):	0.77
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	11.000	11.000	
Liner Id (in):	6.000	6.000	
SPM:	74	74	
Rod Dia (in):	11.000	11.000	
Eff %:	95	95	
GPM (Gals/min):	285	285	
SLOW PUMP RATES			
Depth (ft):			
SPM:	40	40	
PRSR (psi):	525	550	

Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000
Test MW:		10.0
Test TVD (ft):		1,000
Test Prsr (psi):		1000
LOT/FIT:		29.5
BOP Drill:		08/20/2012
Fire Drill:		08/10/2012
Evac Drill:		08/19/2012
Safety Meeting:		08/14/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.W.T. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: gals., Received: 7000 gals, Total on Loc.: 9,580 gal.
BIT TO BEND 6'10", BIT TO SENSOR 49', BIT TO GAMMA 38', rev/gal. .306
STOP: 12 JSA: 20



DAILY DRILLING REPORT

DATE : 08/22/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	14,025	TVD (ft):	6,391	DOL:	23	DSS:	20
FIELD:	SOUTH MIDLAND	PROGRESS (ft):	951			FOREMAN:	WARREN ASH		
STATE:	TX CROCKETT	HRS DRLG:				AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):	69.04	DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$40,972	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$2,154,974	SHOE TD (ft):	987

24 Hrs SUMMARY: R/U AND RUN 5 1/2" PRODUCTION CSG.

CURRENT ACTIVITY: RUNNING 5 1/2" PRODUCTION CSG. AT 8600'

FORECAST: FIN. RUNNING CSG., CONVERT FLOATON COLLAR, CIRC., CMT.

BHA # : 08					Trip:		6	5	MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:		6	5	Time:	04:54 Solids:
1	BIT	8.750	3.000	1.00	Model:	U616M	T606X		Comp:	MI SWACO
1	MUD MOTOR 1.75 Fixed	6.750	4.000	22.12	S/N:	15450	7141383		Depth (ft):	14,025 Oil:
1	FLOAT SUB	6.500	2.375	2.65	MFG:	ULTERRA	HUGHES		Water:	10 sec Gel (lb/100ft³):
1	MONEL DRILL COLLAR	6.500	2.875	30.83	Size (in):	8.750	8.750		MW (lb/gal):	10.4 10 min Gel (lb/100ft³):
1	HANG OFF SUB	6.500	3.250	5.98	IADC:				VISC (s/qt):	36 30 min Gel (lb/100ft³):
1	MONEL DRILL COLLAR	6.500	2.875	30.77	IN (ft):	13092.00			PV (cP):	11 CA:
45	DRILL PIPE	4.500	3.826	1416.15	OUT (ft):	14025.00	13092.00		YP (lb/100ft³):	1 Pm:
1	XO	6.625	2.750	4.03	Length (ft):	2796.00	6639.00		pH:	10.0 Pf:
1	AGITATOR	6.500	2.500	12.97	Hours:	41	85		Chl:	175000 Ex Lime (lb/bbl):
1	SHOCK SUB	6.875	2.000	11.62	ROP (ft/hr):	69.04	78.57		WL:	12 Elec Stab:
1	XO	6.375	2.875	3.15	TFA (1/32in³):	0.0466	0.0466		HTHP:	MBT:
					WOB (lbs):	25.00	25.00		FC (1/32"):	ECD (lb/gal):
					P/U Wt:				Mud Used	
					S/O Wt:				Mud Additive	
					RPM:	175	160		ENGINEERING SERVICE	
					ROT Wt:				MYACIDE GA25	
					Torque (ft lbf):				Used	
					DRAG:				1	
					I:	1	1		2	
					O:	1	1			
					D:	NO	BT			
					L:	A	G			
					B:					
					G:	I	I			
					O:	WT	WT			
					R:	TD	DTF			

Buoyed Weight (lbs): 27551 Total Length (ft): 1,541.27

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl): 1,475
Anulus (bbl):	Active Pits (bbl): 1,509
	LOST (bbl):

SURVEYS							KB Elev (ft): 2,591	GL Elev (ft): 2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours			
06:00	07:30	1.50	DRILL	RDCASE	CONTINUE RIGGING UP CRT AND BYRD CASING TONGS WITH TORQUE TURN.			
07:30	08:00	0.50	DRILL	CASE	HELD SAFETY MEETING AND JSA WITH ALL ON LOCATION.			
08:00	09:00	1.00	DRILL	CASE	MAKE UP TWO JOINT SHOETRACK WITH DAVIS LYNCH DOUBLE FLOAT SHOE, AND DAVIS LYNCH SINGLE FLOAT COLLAR TEST FLOATS, TESTED GOOD.			
09:00	18:00	9.00	DRILL	CASE	RUN 5-1/2" P-110, 20# UF CASING @ 3612' AT 1800 HRS.			
18:00	00:00	6.00	DRILL	CASE	RUN 5 1/2" PRODUCTION CSG. TO 6586'			
00:00	01:00	1.00	DRILL	WOE	REPAIR HYDRAULIC HOSE ON SLIPS			
01:00	03:00	2.00	DRILL	CASE	RUN 5 1/2" PRODUCTION CSG. TO 7625'			
03:00	03:30	0.50	DRILL	CASE	CHANGED OUT POWER TONGS			
03:30	06:00	2.50	DRILL	CASE	RUN 5 1/2", 20#, P-110 WITH USF CONN. PRODUCTION CSG. AT 8600'			

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.W.T. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 710 gals., Recieved: 0 gals, Total on Loc.: 8,870 gal.
STOP: 14 JSA: 11

HYDRAULICS			
Std. Pipe (psi):	570	Total GPM (Gals/min):	570
		Total SPM:	148
AV(DP) (ft/min):		AV(DC) (ft/min):	
Jet Vel (ft/s):	122.65	PSI Drop (psi):	139.912
Bit HP (HP):	46.55	HP/in2 (HP/in²):	0.77
	PUMP#1	PUMP#2	PUMP#3
#Cyl:	3	3	
S.L. (in):	11.000	11.000	
Liner Id (in):	6.000	6.000	
SPM:	74	74	
Rod Dia (in):	11.000	11.000	
Eff %:	95	95	
GPM (Gals/min):	285	285	

SLOW PUMP RATES			
Depth (ft):			
SPM:	20	20	
PRSR (psi):	325	300	

Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000
Test MW:		10.0
Test TVD (ft):		1,000
Test Prsr (psi):		1000
LOT/FIT:		29.5
BOP Drill:		08/20/2012
Fire Drill:		08/10/2012
Evac Drill:		08/19/2012
Safety Meeting:		08/22/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N



DAILY DRILLING REPORT

DATE : 08/23/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	14,025	TVD (ft):	6,391	DOL:	24	DSS:	21
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:				AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$177,412	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$2,332,386	SHOE TD (ft):	987

24 Hrs SUMMARY: RUN 5.5" CASING, SHIFT FLOATATION COLLAR, BLEED AIR, R/U AND PUMPED CEMENT
CURRENT ACTIVITY: WASH OUT STACK TO SET CSG. SLIPS
FORECAST: SET CSG. SLIPS, WOC 17 HRS. N/D STACK

BHA # :					Trip:			MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	Solids:
					Model:			Comp:	
					S/N:			Depth (ft):	Oil:
					MFG:			Water:	10 sec Gel (lb/100ft³):
					Size (in):			MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:			VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):			PV (cP):	CA:
					OUT:			YP (lb/100ft³):	Pm:
					Length (ft):			pH:	Pf:
					Hours:			Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):			WL:	Elec Stab:
					TFA (1/32in²):			HTHP:	MBT:
					WOB (lbs):			FC (1/32"):	ECD (lb/gal):
					P/U Wt:			Mud Used	
					S/O Wt:			Mud Additive	Used
					RPM:				
					ROT Wt:				
					Torque (ft lbf):				
					DRAG:				
					I:				
					O:				
					D:				
					L:				
					B:				
					G:				
					O:				
					R:				

MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS					KB Elev (ft):	2,591	GL Elev (ft):	2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.	

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.W.T. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 870 gals., Recieved: 0 gals, Total on Loc.: 8,000 gal.
STOP: 14 JSA: 13

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
01:00	01:30	0.50	DRILL	CIRC	CIRCULATE AFTER PLUG SHEAR AT 70 SPM, 610#, FLOW 22
01:30	02:00	0.50	DRILL	RIGU	R/U HALLIBURTON AND TEST LINES TO 6500#
02:00	04:30	2.50	DRILL	CMPRI	PUMPED 30 BBLS. FRESH WATER, MIXED AND PUMPED LEAD CMT. 620 SX. ECONOCEM + 10% BENTONITE + 5% POTASSIUM CL + .1% SA-1015 + .25 LBM D-AIR 5000 + .35% HR-5, WT. 11.9#, YIELD 2.36, WATER 13.36 GPS, SLURRY 260 BBLS. - TAIL CMT. 2230 SX. VERSACEM + .6% LAP-1 + .4% CFR-3 + .05% SA-1015 + 3% POTASSIUM CL. + 9% MICROBOND + .35% HR-12, WT. 14.2#, YIELD 1.38, WATER 6.11 GPX
04:30	05:30	1.00	DRILL	CMPRI	DROPPED DAVIS LYNCH RUBBER PLUG, DISPLACED CMT. WITH 306.5 BBLS. OF 4% KCL WATER AT 7.5 BPM (CALC. DISPLACEMENT 308 BBLS.) BUMPED PLUG WITH 2780 PSI, HELD FOR 5 MIN. BLEED PRESSURE OFF RECOVERED 3 BBLS. - FLOATS HELD - FULL RETURN DURING CMT. JOB, TRACE OF CEMENT BACK TO SURFACE, PLUG IN PLACE AT 0519 HRS.
05:30	06:00	0.50	DRILL	CMPRI	WASH OUT STACK TO SET CASING SLIPS
24.00 = Total Hours Today					



DAILY DRILLING REPORT

DATE : 08/24/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	14,025	TVD (ft):	6,391	DOL:	25	DSS:	22
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:				AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:		DAILY	\$51,245	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:		DRLG TOT:	\$2,383,631	SHOE TD (ft):	14,012

24 Hrs SUMMARY: SET SLIPS, WOC, N/D BOP
CURRENT ACTIVITY: N/D 10' SPACER SPOOL
FORECAST: FINISH N/D BOP, N/U TUBING HEAD, TEST, PREPAIR RIG TO MOVE

BHA # :					Trip:			MUD PROPERTIES	
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	Solids:
					Model:			Comp:	
					S/N:			Depth (ft):	Oil:
					MFG:			Water:	10 sec Gel (lb/100ft³):
					Size (in):			MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:			VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):			PV (cP):	CA:
					OUT:			YP (lb/100ft³):	Pm:
					Length (ft):			pH:	Pf:
					Hours:			Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):			WL:	Elec Stab:
					TFA (1/32in²):			HTHP:	MBT:
					WOB (lbs):			FC (1/32"):	ECD (lb/gal):
					P/U Wt:			Mud Used	
					S/O Wt:			Mud Additive	Used
					RPM:			ENGINEERING SERVICE	1
					ROT Wt:				
					Torque (ft lbf):				
					DRAG:				
					I:				
					O:				
					D:				
					L:				
					B:				
					G:				
					O:				
					R:				

Buoyed Weight (lbs):		Total Length (ft):	
MUD Logging			
Depth (ft):		Max Gas:	
BGG:		Trip Gas:	
CG:		Mud Cut:	
MUD VOLUMES			
DP (bbl):		Reserve Pits (bbl):	
Anulus (bbl):		Active Pits (bbl):	
		LOST (bbl):	

SURVEYS							KB Elev (ft):	2,591	GL Elev (ft):	2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	CMPRI	WASH OUT STACK TO SET CASING SLIPS
07:00	07:30	0.50	DRILL	WOC	SET SLIPS THROUGH BOP STACK AFTER WASHING CEMENT FROM WELLHEAD, STRING WEIGHT WAS 160k SET SLIPS W/ 15k OVER FOR TOTAL P/U OF 175k, PER OPERATIONS INSTRUCTIONS.
07:30	22:30	15.00	DRILL	RIGD	START R/D OF NO CRITICAL EQUIPMENT AND CLEAN UP OF LOCATION. SORT RENTAL EQUIPMENT FOR TRANSPORT OFF LOCATION. MONITOR WELL WHILE WOC. N/D ORBIT VALVE AND FLOW LINE, REMOVE CLAMP ON TOP OF ROTATING HEAD BOWL
22:30	23:30	1.00	DRILL	RIGD	R/D HALLIBURTON CEMENT HEAD, BREAK OUT XO SUB AND R/D CSG. TONGS
23:30	02:00	2.50	DRILL	BOPNUND	N/D BOP AT WELL HEAD, P/U BOP, MADE CUT ON 5 1/2" CASING, L/D CUT PIECE OF CASING
02:00	06:00	4.00	DRILL	BOPNUND	N/D ROTATING HEAD BOWL, 2' SPACER SPOOL AND 10' SPACER SPOOL
24.00 = Total Hours Today					

HYDRAULICS		
Std. Pipe (psi):	Total GPM (Gals/min):	
	Total SPM:	
AV(DP) (ft/min):	AV(DC) (ft/min):	
Jet Vel (ft/s):	PSI Drop (psi):	
Bit HP (HP):	HP/in2 (HP/in²):	
	PUMP#1	PUMP#2
#Cyl:		
S.L. (in):		
Liner Id (in):		
SPM:		
Rod Dia (in):		
Eff %:		
GPM (Gals/min):		
SLOW PUMP RATES		
Depth (ft):		
SPM:		
PRSR (psi):		
Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000
Test MW:		10.0
Test TVD (ft):		1,000
Test Prsr (psi):		1000
LOT/FIT:		29.5
BOP Drill:		08/22/2012
Fire Drill:		08/10/2012
Evac Drill:		08/19/2012
Safety Meeting:		08/24/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

GENERAL COMMENTS :

Rig drill pipe: 4 1/2" XH 16.6#, S-135 = 474 jts. (7 jts. being repair) Inspected 7/30/12
H.W.T. D.P. : 4 1/2" 4 1/2 XH 15 jts. No. of well since last inspected 0
D. C. Size: 6 1/2" 4 1/2 XH 28 jts. No. of well since last inspected 0
D. C. Size: 8" 6 5/8 Reg. 6 jts. No. of well since last inspected 0
Rig Fuel : Used last 24 hrs.: 275 gals., Recieved: 0 gals, Total on Loc.: 7,725 gal.
STOP: 14 JSA: 14



DAILY DRILLING REPORT

DATE : 08/25/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	14,025	TVD (ft):	6,391	DOL:	26	DSS:	23
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:				AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:	08/24/2012	DAILY	\$52,377	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:	18:00	DRLG TOT:	\$2,436,008	SHOE TD (ft):	14,012

24 Hrs SUMMARY:	N/U TUBING HEAD, MOVE DP & DC'S, MOVE RENTAL EQUIP., PREPARE RIG FOR MOVE
CURRENT ACTIVITY:	PREPARE RIG FOR MOVE
FORECAST:	MOVE RIG TO H&P'S ODESSA YARD

BHA # :					Trip:		MUD PROPERTIES		
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	Solids:
					Model:			Comp:	
					S/N:			Depth (ft):	Oil:
					MFG:			Water:	10 sec Gel (lb/100ft³):
					Size (in):			MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:			VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):			PV (cP):	CA:
					OUT:			YP (lb/100ft³):	Pm:
					Length (ft):			pH:	Pf:
					Hours:			Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):			WL:	Elec Stab:
					TFA (1/32in³):			HTHP:	MBT:
					WOB (lbs):			FC (1/32"):	ECD (lb/gal):
					P/U Wt:				
					S/O Wt:				
					RPM:				
					ROT Wt:				
					Torque (ft lbf):				
					DRAG:				
					I:				
					O:				
					D:				
					L:				
					B:				
					G:				
					O:				
					R:				

Buoyed Weight (lbs):		Total Length (ft):	
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MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft):	2,591	GL Elev (ft):	2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:30	1.50	DRILL	RIGD	N/D BOP STACK, ROTATING HEAD, SPACER SPOOLS & CHANGE RAMS FROM 5.5" TO 5.0".
07:30	10:30	3.00	DRILL	RIGU	N/U 11" 5M X 7 1/16" 10M TUBING HEAD ON WELLHEAD. TEST SEALS AND FLANGE TO 5000 psi FOR 30 MINUTES SUCCESSFULLY W/ GE WELLHEAD TECH.
10:30	12:00	1.50	DRILL	RIGD	C/O BAILS ON TOP DRIVE, WASH STAND PIPE CLEAN, WASH KELLEY HOSE OUT, CLEANING ON PITS.
12:00	18:00	6.00	DRILL	RIGD	SKID RIG & R/D ONE SET OF SKID BEAMS. R/ D EQUIPMENT ON RIG FLOOR, RIG BEING WASHED STGARTING AT THE PITS AND SHAKERS, TRANSPORT RENTAL EQUIP. F/ LOCATION. GENERAL CLEAN UP ON SITE. TRANSPORT SURPLUS BULK MUD MATERIAL. NOTE: RIG RELEASE AT 1800 HRS. ON 8/24/2012
18:00	22:00	4.00	DRILL	RIGD	PREPARE RIG TO BE MOVED TO H&P ODESSA YARD (NIGHT CREW QUIT WORK AT 2200 HRS. SO BOTH CREWS COULD WORK DURING DAY LIGHT HOURS FOR RIG MOVE)
22:00	06:00	8.00	DRILL	RIGD	WAIT ON DAY LIGHT TO MOVE RIG

HYDRAULICS			
Std. Pipe (psi):	Total GPM (Gals/min):		
	Total SPM:		
AV(DP) (ft/min):	AV(DC) (ft/min):		
Jet Vel (ft/s):	PSI Drop (psi):		
Bit HP (HP):	HP/in2 (HP/in²):		
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:	08/05/2012	5000	
CSG:	08/05/2012	2000	
Test MW:		10.0	
Test TVD (ft):		1,000	
Test Prsr (psi):		1000	
LOT/FIT:		29.5	
BOP Drill:		08/22/2012	
Fire Drill:		08/10/2012	
Evac Drill:		08/19/2012	
Safety Meeting:		08/25/2012 05:30	
Spills Reported (Y/N):		N	
Accidents(S)(Y/N):		N	

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: NO DRILL PIPE ON LOCATION
Rig Fuel : Used last 24 hrs.: 288 gals., Recieved: 0 gals, Total on Loc.: 7,437 gal.
STOP: 15 JSA: 14



DAILY DRILLING REPORT

DATE : 08/26/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	14,025	TVD (ft):	6,391	DOL:	27	DSS:	24
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:				AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:	08/24/2012	DAILY	\$30,210	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:	18:00	DRLG TOT:	\$2,466,218	SHOE TD (ft):	14,012

24 Hrs SUMMARY: SHUT DOWN FOR DAKNESS, PJSM, R/D EQUIP., SEND BACK YARD EQUIP TO H&P
CURRENT ACTIVITY: MOVING RIG
FORECAST: MOVE RIG TO H&P'S ODESSA YARD

BHA # :					Trip:		MUD PROPERTIES		
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	Solids:
					Model:			Comp:	
					S/N:			Depth (ft):	Oil:
					MFG:			Water:	10 sec Gel (lb/100ft³):
					Size (in):			MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:			VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):			PV (cP):	CA:
					OUT:			YP (lb/100ft³):	Pm:
					Length (ft):			pH:	Pf:
					Hours:			Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):			WL:	Elec Stab:
					TFA (1/32in³):			HTHP:	MBT:
					WOB (lbs):			FC (1/32"):	ECD (lb/gal):
					P/U Wt:				
					S/O Wt:				
					RPM:				
					ROT Wt:				
					Torque (ft lbf):				
					DRAG:				
					I:				
					O:				
					D:				
					L:				
					B:				
					G:				
					O:				
					R:				

Buoyed Weight (lbs):		Total Length (ft):	
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MUD Logging	
Depth (ft):	Max Gas:
BGG:	Trip Gas:
CG:	Mud Cut:

MUD VOLUMES	
DP (bbl):	Reserve Pits (bbl):
Anulus (bbl):	Active Pits (bbl):
	LOST (bbl):

SURVEYS							KB Elev (ft):	2,591	GL Elev (ft):	2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	RIGD	WAIT ON DAY LIGHT TO MOVE RIG
07:00	16:00	9.00	DRILL	RIGD	PJSM, w/ H&P, BLAKE TRUCKING, HARD HAT CONSTRUCTION, WELDER, HAWK TRUCKING, DISCUSS WEST NILE VIRUS W/ ALL. DISCUSS THE DAILY MOVE ACTINITY. PLAN PERMITS TO WORK, INSTRUCTIONS ON JSA's, USING NO HANDS ON LIFTS MOVING. ESTABLISH FINAL INSPECTION PLANS ON LOADS LEAVING LOCATION. R/D BACKYARD, R/D PIPE WRANGLER, LOWER DERRICK TO DERRICK CRADLE.
16:00	17:00	1.00	DRILL	RIGD	SAFETY STAND DOWN AFTER NEAR MISS/ FALLING OBJECT KMI. JOHN HENSLY ON SITE FOR INVESTIGATION.
17:00	18:00	1.00	DRILL	RIGD	CONDUCT LOOSE OBJECT HUNT AROUND THE ENTIRE LOCATION. GATHER ALL LOOSE WATER BOTTLES, ANY LOOSE PAPER, OR ANY SMALL ITEMS FROM MOVING EQUIPMENT.
18:00	06:00	12.00	DRILL	RIGD	SHUT DOWN FOR THE DAY.

HYDRAULICS			
Std. Pipe (psi):	Total GPM (Gals/min):		
	Total SPM:		
AV(DP) (ft/min):	AV(DC) (ft/min):		
Jet Vel (ft/s):	PSI Drop (psi):		
Bit HP (HP):	HP/in2 (HP/in²):		
	PUMP#1	PUMP#2	PUMP#3
#Cyl:			
S.L. (in):			
Liner Id (in):			
SPM:			
Rod Dia (in):			
Eff %:			
GPM (Gals/min):			
SLOW PUMP RATES			
Depth (ft):			
SPM:			
PRSR (psi):			
Safety			
Test	Date	Pressure	
BOP:	08/05/2012	5000	
CSG:	08/05/2012	2000	
Test MW:		10.0	
Test TVD (ft):		1,000	
Test Prsr (psi):		1000	
LOT/FIT:		29.5	
BOP Drill:		08/22/2012	
Fire Drill:		08/10/2012	
Evac Drill:		08/19/2012	
Safety Meeting:		08/26/2012 05:30	
Spills Reported (Y/N):		N	
Accidents(S)(Y/N):		N	

24.00 = Total Hours Today

GENERAL COMMENTS :

Rig drill pipe: NO DRILL PIPE ON LOCATION
Rig Fuel : Used last 24 hrs.: 286 gals., Recieved: 0 gals, Total on Loc.: 7,151 gal.
STOP: 17 JSA: 13



DAILY DRILLING REPORT

DATE : 08/28/2012

WELL:	UNIVERSITY 46 1304H	MD (ft):	14,025	TVD (ft):	6,391	DOL:	29	DSS:	26
FIELD:	SOUTH MIDLAND	PROGRESS (ft):				FOREMAN:			
STATE:	TX CROCKETT	HRS DRLG:				AFE #:	11DC120289	API #:	4210541480
REGION:	PERMIAN	24Hr ROP (ft/hr):		DRLG AFE:	\$3,623,200	AFE Total:	\$9,308,740	CASING (in):	9.625
RIG CONTR:	H&P 328	SPUD DATE:	08/02/2012	RLS DATE:	08/24/2012	DAILY	\$30,402	PLAN TD (ft):	15,017
RIG NBR:	H&P 328					DRLG:			
PH NBR:	432-447-5763	SPUD TIME:	13:00	RLS TIME:	18:00	DRLG TOT:	\$2,545,661	SHOE TD (ft):	14,012

24 Hrs SUMMARY: SHUT DOWN FOR DARK, R/D DERRICK, R/D SUB STRUCTURE AND RIG FLOOR, WASH RIG
CURRENT ACTIVITY: MOVING RIG
FORECAST: MOVE RIG TO H&P'S ODESSA YARD

BHA # :					Trip:		MUD PROPERTIES		
Qty	Description	O.D. (in)	I.D. (in)	Length (ft)	Bit:			Time:	Solids:
					Model:			Comp:	
					S/N:			Depth (ft):	Oil:
					MFG:			Water:	10 sec Gel (lb/100ft³):
					Size (in):			MW (lb/gal):	10 min Gel (lb/100ft³):
					IADC:			VISC (s/qt):	30 min Gel (lb/100ft³):
					IN (ft):			PV (cP):	CA:
					OUT:			YP (lb/100ft³):	Pm:
					Length (ft):			pH:	Pf:
					Hours:			Chl:	Ex Lime (lb/bbl):
					ROP (ft/hr):			WL:	Elec Stab:
					TFA (1/32in³):			HTHP:	MBT:
					WOB (lbs):			FC (1/32"):	ECD (lb/gal):
					P/U Wt:				
					S/O Wt:				
					RPM:				
					ROT Wt:				
					Torque (ft lbf):				
					DRAG:				
					I:				
					O:				
					D:				
					L:				
					B:				
					G:				
					O:				
					R:				

Buoyed Weight (lbs):		Total Length (ft):	
MUD Logging			
Depth (ft):	Max Gas:		
BGG:	Trip Gas:		
CG:	Mud Cut:		
MUD VOLUMES			
DP (bbl):	Reserve Pits (bbl):		
Anulus (bbl):	Active Pits (bbl):		
	LOST (bbl):		

SURVEYS							KB Elev (ft):	2,591	GL Elev (ft):	2,566
MD (ft)	Angle	Azim	TVD (ft)	V. Sect. (ft)	+N/-S	+E/-W	D.L.			

FROM	TO	HRS	PH CD	OP CD	Activity Last 24 Hours
06:00	07:00	1.00	DRILL	RIGD	WAIT ON DAY LIGHT TO MOVE RIG
07:00	18:00	11.00	DRILL	RIGD	PJSM, w/ H&P, BLAKE TRUCKING, HARD HAT CONSTRUCTION, MULLEN CRANES, H&P DRILLING, BHP REPS., AND SAFETY TECH. REVIEW PAST INCIDENTS ON SITE. MAKE INSPECTION OF ALL EQUIPMENT ON-SITE BEFORE ANY WORK PROCEEDED. REVIEW JSA's. REMOVE BOTTOM SECTION OF DERRICK FROM SUBS, DISASSEMBLE OF SUB STRUCTURE, RIG IS 90% DOWN AT AFTERNOON REPORT. WASHING ALL EQUIPMENT AND INSPECTING FOR LOOSE OBJECTS BEFORE LEAVING BHP LOCATION TO H&P YARD IN ODESSA, TEXAS. BLAKE TRUCKING HAULING LOADS. ALL RENTAL EQUIPMENT OFF LOCATION, EXCEPT COMPANY HOUSING.
18:00	06:00	12.00	DRILL	RIGD	ALL PIECES OF SUBS LOADED ON TRUCKS WAITING ON DAY LIGHT TO FINISH WASHING AND MOVE - WAIT ON DAY LIGHT

24.00 = Total Hours Today			
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HYDRAULICS		
Std. Pipe (psi):	Total GPM (Gals/min):	
	Total SPM:	
AV(DP) (ft/min):	AV(DC) (ft/min):	
Jet Vel (ft/s):	PSI Drop (psi):	
Bit HP (HP):	HP/in2 (HP/in²):	
	PUMP#1	PUMP#2
#Cyl:		
S.L. (in):		
Liner Id (in):		
SPM:		
Rod Dia (in):		
Eff %:		
GPM (Gals/min):		
SLOW PUMP RATES		
Depth (ft):		
SPM:		
PRSR (psi):		
Safety		
Test	Date	Pressure
BOP:	08/05/2012	5000
CSG:	08/05/2012	2000
Test MW:		10.0
Test TVD (ft):		1,000
Test Prsr (psi):		1000
LOT/FIT:		29.5
BOP Drill:		08/22/2012
Fire Drill:		08/10/2012
Evac Drill:		08/19/2012
Safety Meeting:		08/27/2012 05:30
Spills Reported (Y/N):		N
Accidents(S)(Y/N):		N

GENERAL COMMENTS :

Rig drill pipe: NO DRILL PIPE ON LOCATION
Rig Fuel : Used last 24 hrs.: 0 gals., Recieved: 0 gals, Total on Loc.: 0 gal.
STOP: 17 JSA: 13