
	<div><div>Daily Drilling Report</div><div>Well ID: 42-383-39869</div><div>Field: Impossible</div></div>										<div><div>SEM Operating Company, LLC</div><div>Well Name: University 9 2902WB</div><div>Sect: 29 County: Reagan State: TX</div></div>																																												
Report No: 20										Report For 06:00 AM 24-Jul-17																																													
Operator: SEM OPERATING					Rig: H&P 467					Spud Date:					Daily Cost / Mud (\$): 59,882 / 18,904																																								
Measured Depth (ft): 8390					Drilling Days (act.): 20					Well Bore: Original Well Bore					AFE No.		AFE (\$)		Actual (\$)																																				
Vertical Depth (ft): 8135					Drilling Days (plan):					RKB Elevation (ft): 0.00					041717		6,063,125		1,351,859																																				
Proposed TD (ft):					Days On Location: 20					Last BOP Test: 20-Jul-17																																													
Hole Made (ft) / Hrs: 465 / 23.5					Last Casing: 9.63 at 7,522										Totals:		6,063,125		1,351,859																																				
Average ROP (ft/hr): 19.79					Next Casing:					Working Interest:					Well Cost (\$):				1,351,859																																				
Pers/Hrs:		Operator:		2 / 24		Contractor:		11 / 132		Service:		7 / 84		Other:		0 / 0		Total: 20 / 240																																					
SafetySummary: No incidents or events reported. 17 days since LTI. Conducted Crown Check, Safety Meeting.																																																							
Current Operations: DRILLING CURVE @ 8,390'																																																							
Planned Operations: SLIDE DRILL MWD SURVEY, SERVICE RIG TOOH FOR LATERAL BHA.																																																							
Toolpusher: LUKE BOYD, CURTIS WELCH																																																							
Wellsite Supervisors: BRUCE DELAUGHTER, RICKY POINDEXTER															Tel No.:																																								
Operations Summary																																																							
From		To		Elapsed		End MD(ft)		Code		Operations Description										Non-Prod																																			
6:00		15:00		9.00		8,108		DRILS		SLIDE DRILL FROM 7,925' TO 8,108', TF-H/S, GPM 400, PSI 2,000, DIFF 332, WOB 50																																													
15:00		15:30		0.50		8,108		SERV		SERVICE RIG																																													
15:30		5:00		13.50		8,380		DRILS		SLIDE DRILL FROM 8,108' TO 8,380' TF-H/S & 345, GPM 400, PSI 2,000, DIFF 332, WOB 50																																													
5:00		6:00		1.00		8,390		DRILR		ROTATE DRILL FROM 8,380' TO 8,390', W3OB 30, RPM 35, GPM 475, PP, 2350, DIFF 150, TORQ 7000. LAST SURVEY AT 8301' MD, 74 deg INC, 195 deg AZM, 8122' TVD.																																													
Casing/Tubular Information																																																							
Type		Size (ins)		Top MD (ft)		Top TVD (ft)		Bottom MD (ft)		Bottom TVD (ft)		Hole Section		OH Diam. (ins)		Nom. Wgt. (lbs)		Nominal Grade		LOT (lbs/gal)																																			
FULL		13.38		0				745				SURF																																											
FULL		9.63		0		0		7,522		7,460		INT1		12.25		40.00		J-55																																					
Cost/AFE Information																																																							
AFE No		AFE Description				AFE Amount				Daily Mud				Well Mud				Daily Total				Well Total				% Spent																													
041717		D & C a 7500' Lateral horizontal				6,063,125.00				18,904.19				134,966.52				59,882.08				1,351,858.82				22.30 %																													
		Totals \$:				6,063,125.00				18,904.00				134,967.00				59,882.00				1,351,859.00				22.30 %																													
Mud Information																																																							
										%												Gels		Temp		Mud																													
Dens.		Vis		PV		YP		Filt.		Cake		pH/ES		Solids		Oil		Water		Sand		LGS		Cl		Ca		CaCl		10s		10m		30m		In		Out		Loss															
23-Jul-17 22:00 at Depth 8,247 ft Mud Pits, Type: Oil Base Mud																																																							
10.20		70.00		1.00		5.00		5		2				12		59.5		26.5				7.5		50000				228315		10		14		16				17.00																	
Mud Consumables																																																							
Item Description										Qty.		Cost		Item Description										Qty.		Cost																													
AES WA II - EA										137		1,353.56		Barite - 100#SK										46		575.92																													
Barite (Bulk) - EA										583		6,395.51		CaCL2 - 50#SK										32		468.16																													
Claytone II - 50#SK										7		693.49		ENGINEER - EA										1		800.00																													
ENGINEERING diem - EA										1		50.00		FIR PLUS - 50#SK										15		1,614.30																													
Lime - 50#SK										21		149.94		Petrogel 400 - 50#SK										2		168.66																													
Bit/BHA/Workstring Information																																																							
					Depth		This Run		R.O.P.					Mud					Pump																																				
No Run		Make		Model		Diam		In		Dist		Hrs		Avg		Max		WOB		RPM		Torque		Wt		Flow		Press		J. Vel		P. Drp		HHP		JIF																			
4		1		HTC		VG-20M		8.75		7699		691		37		18.7		25.0		40.00		104		6,		10		400		2000		172		270		63		363																	
Jets: 18 18 18										Out:		Grade:		Cutter:		/		Dull:		/		Wear:		Brgs:		Gge:				Pull:																									
BHA - No. 6 - BIT, MMTR, UBHO, NMDC, NMFLEX, XO = 98.76																																																							
Drilling Parameters																																																							
Depth (ft)		ROP (ft/hr)				WOB (lbs)				RPM				Torque (ft lbs)				Flow (gals/min)				Pressure																																	
From		To		Avg		Max		Avg		Max		Avg		Max		Avg		Max		Avg		Max		Avg		Max				psi																									
7,925		8,390		18.7		25.0		30.00		45.00		104		135		4,000.00		7,000.00		400.00		465.00		2,350.00																															
Annular Velocity:				Drill Collars:				367.7				Drill Pipe:				221.0																																							
Miscellaneous Drilling Parameters																																																							
Hook Loads (lbs):				Off Bottom Rotate:				180.00				Pick Up:				215.00				Slack Off:				170.00				Drag Avg/Max:				35 / 35																							
Slow Circulation Data:																																																							
Pump 1:				30 spm				420 psi				40 spm				510 psi				50 spm				580 psi																															
Pump 2:				30 spm				425 psi				40 spm				510 psi				50 spm				580 psi																															
Pump 3:				30 spm				420 psi				40 spm				515 psi				50 spm				580 psi																															

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Report No: 20		Report For 06:00 AM 24-Jul-17								
Survey Information										
Survey Type	Meas. Depth	Inc.	Azimuth	TVD	Closure	Vertical Section	Coordinates			
							N-S	E-W	D.L.S.	
MWD	7,893.0	30.24	210.0	7,873.6	125.5	119.9	S 119.1	W 39.7	11.13	
MWD	7,924.0	33.01	209.7	7,900.0	141.5	134.1	S 133.2	W 47.8	8.95	
MWD	7,956.0	35.74	209.0	7,926.4	159.3	150.0	S 148.9	W 56.6	8.62	
MWD	7,987.0	39.25	208.6	7,951.0	178.0	166.8	S 165.5	W 65.7	11.36	
MWD	8,018.0	42.59	208.0	7,974.4	198.2	184.8	S 183.3	W 75.3	10.85	
MWD	8,050.0	45.63	206.8	7,997.3	220.4	204.8	S 203.1	W 85.5	9.82	
MWD	8,081.0	49.71	206.1	8,018.2	243.3	225.5	S 223.6	W 95.7	13.27	
MWD	8,113.0	52.79	205.6	8,038.2	268.2	248.2	S 246.1	W 106.6	9.71	
MWD	8,144.0	56.26	204.1	8,056.2	293.4	271.3	S 269.0	W 117.2	11.86	
MWD	8,175.0	60.00	203.0	8,072.6	319.7	295.7	S 293.1	W 127.7	12.41	
MWD	8,207.0	63.43	201.1	8,087.8	347.9	322.0	S 319.2	W 138.3	11.96	
MWD	8,238.0	66.68	199.5	8,100.8	376.0	348.5	S 345.6	W 148.1	11.46	
MWD	8,269.0	70.51	197.9	8,112.1	404.8	376.0	S 372.9	W 157.3	13.23	
MWD	8,301.0	73.76	195.4	8,122.0	435.0	405.4	S 402.1	W 166.0	12.67	
Solids Control Information										
Screen Sizes:		Top	Middle 1	Middle 2	Bottom	Equipment Usage (Hrs):				
Shaker No 1:		200	200	200	200					
Shaker No 2:		200	200	200	200	Centrifuge 1: 24 (Solids Removal)				
Shaker No 3:		200	200	200	200					
Shaker No 4:		200	200	200	200					
Bulk Inventory										
Item Type				Units	Beginning	Used	Received	On Hand	Net	
Fuel				GALS	8,496	1,567	3,457	10,386	1,890	
Office trailer generator				GALS	410	30	0	380	-30	
Mud				GALS	6,925	1,979	3,561	8,507	1,582	
Safety Information										
Meetings/Drills		Time		Description						
Safety		30		HOUSE KEEPING, FIRE WATCH,						
First Aid Treatments:			Medical Treatments:			Lost Time Incidents:			Days Since LTI: 17	
<input type="checkbox"/> BOP Test		<input checked="" type="checkbox"/> Crownamatic Check								
Weather Information										
Sky Condition: CLOUDY					Visibility:		10			
Air Temperature: 72.00 degF					Bar. Pressure:		29			
Wind Speed/Dir: 4 / SW					Wind Gusts:					
Rental Tools Information										
Type	Description	Serial No.			Vendor	Acct Code	Today's Cost \$	Start	End	
Trailer	HOUSING				TREND	9240-01	900.00	08-Jul-17		
Frac Tanks	FRAC TANKS				THORPE	9240-01	175.00	08-Jul-17		
PVT	RIG SENSE				TOTCO	9240-01	388.00	08-Jul-17		
Light Tower	LIGHT TOWER				CACTUS	9240-01	125.00	08-Jul-17		
OBM Control	CENTRIFUGES				DES	9210-01	3,050.00	08-Jul-17		
Frac Tanks	OBM STORAGE				PURITY	9210-01	489.00	08-Jul-17		
Trans. Pump	TRANS PUMP				TIGER	9240-01	185.00	08-Jul-17		
H2S	AMPRO H2S				AMPRO	9240-01	150.00	08-Jul-17		
Rig Vac	MUD VAC				KSW	9240-01	135.00	08-Jul-17		
Trans. Pump	TRANSFER PUMP				KSW	9240-01	185.00	11-Jul-17		
SPOOLS	BOP SPACER				MONAHANS	9240-01	210.00	08-Jul-17		
Rotating Hd.	ROT HEAD				AIR DRIL	9240-01	120.00	08-Jul-17		
Mud Bucket	MUD BUCKET				STABIL	9240-01	110.00	08-Jul-17		
OBM Control	KATCH KAN				KATCH	9240-01	175.00	16-Jul-17		
Total Daily Rental Cost \$:							6,397.00			