
	<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: 24										Report For 06:00 AM 28-Jul-17																															
Operator: SEM OPERATING					Rig: H&P 467					Spud Date:					Daily Cost / Mud (\$): 80,624 / 15,680																										
Measured Depth (ft): 14401					Drilling Days (act.): 24					Well Bore: Original Well Bore					AFE No.		AFE (\$)		Actual (\$)																						
Vertical Depth (ft): 8194					Drilling Days (plan):					RKB Elevation (ft): 0.00					041717		6,063,125		1,808,700																						
Proposed TD (ft):					Days On Location: 24					Last BOP Test: 20-Jul-17																															
Hole Made (ft) / Hrs: 2,090 / 18.0					Last Casing: 9.63 at 7,522										Totals:		6,063,125		1,808,700																						
Average ROP (ft/hr): 116.11					Next Casing:					Working Interest:					Well Cost (\$):		1,808,700																								
Pers/Hrs:		Operator: 2 / 24			Contractor: 11 / 132			Service: 9 / 108			Other: 0 / 0			Total:		22 / 264																									
SafetySummary: 1 Medical case reported. 21 days since LTI. Conducted Crown Check, Safety Meeting.																																									
Current Operations: DRILLING LATERAL @ 14,401'																																									
Planned Operations: DRILL SLIDE DRILL WHEN NEEDED MWD SURVEY SERVICE RIG.																																									
Toolpusher: LUKE BOYD, CURTIS WELCH																																									
Wellsite Supervisors: GUY EMBRY, RICKY POINDEXTER															Tel No.:																										
Operations Summary																																									
From		To		Elapsed		End MD(ft)		Code		Operations Description										Non-Prod																					
6:00		6:30		0.50		12,347		DRILS		SLIDE DRILL FROM 12,311 TO 12,347', TF 90R , GPM 550, PSI 3600,, DIFF 400, WOB 28																															
6:30		8:00		1.50		12,552		DRILR		ROTATE DRILL FROM 12,347'. TO 12,552' GPM 550, PSI 3,960, DIFF 770, WOB 30, RPM 60, TQ 14.																															
8:00		9:00		1.00		12,570		DRILS		SLIDE DRILL FROM 12,552 TO 12,570', TF 40R , GPM 550, PSI 3600,, DIFF 400, WOB 25																															
9:00		12:00		3.00		12,931		DRILR		ROTATE DRILL FROM 12,570'. TO 12,931' GPM 550, PSI 4100, DIFF 770, WOB 30, RPM 60, TQ 15.																															
12:00		13:00		1.00		12,968		DRILS		SLIDE ANDS ROTATE DRILL FROM 12,931 TO 12,968', TF 70R , GPM 550, PSI 3580,, DIFF 250, WOB 40																															
13:00		13:30		0.50		13,030		DRILR		ROTATE DRILL FROM 12,968'. TO 13030' GPM 550, PSI 4100, DIFF 770, WOB 30, RPM 60, TQ 14.																															
13:30		14:30		1.00		13,050		DRILS		SLIDE DRILL FROM 13030 TO 13050', TF 45R , GPM 550, PSI 3600,, DIFF 250, WOB 40																															
14:30		16:00		1.50		13,214		DRILR		ROTATE DRILL FROM 13050'. TO 13214' GPM 550, PSI 4000, DIFF 550, WOB 30, RPM 60, TQ 17.																															
16:00		16:30		0.50		13,230		DRILS		SLIDE DRILL FROM 13214 TO 13230', TF HS , GPM 550, PSI 3650, DIFF 300, WOB 38																															
16:30		17:00		0.50		13,298		DRILR		ROTATE DRILL FROM 13,230'. TO 13,298' GPM 550, PSI 4,150, DIFF 750, WOB 30, RPM 60, TQ 17.																															
17:00		17:30		0.50		13,298		SERV		SERVICE RIG																															
17:30		18:30		1.00		13,391		DRILR		ROTATE DRILL FROM 13,296'. TO 13,391.' GPM 550, PSI 4,150, DIFF 750, WOB 30, RPM 60, TQ 17.																															
18:30		21:00		2.50		13,391		CIRC		CLEAN UP CYCLE PUMP THREE HI VIS SWEEPS , GPM 600 RPM 90,																															
21:00		23:00		2.00		13,615		DRILR		ROTATE DRILL FROM 13,391'. TO 13,615.' GPM 550, PSI 4,150, DIFF 650, WOB 30, RPM 60, TQ 16																															
23:00		23:30		0.50		13,643		DRILS		SLIDE DRILL FROM 13,615 TO 13,643', TF 65R , GPM 565, PSI 4000, DIFF 350, WOB 28.																															
23:30		0:30		1.00		13,705		DRILR		ROTATE DRILL FROM 13,643'. TO 13,705.' GPM 565, PSI 4,150, DIFF 650, WOB 28, RPM 60, TQ 16																															
0:30		1:00		0.50		13,742		DRILS		SLIDE DRILL FROM 13,705 TO 13,742', TF 65R , GPM 565, PSI 4000, DIFF 350, WOB 28																															
1:00		2:00		1.00		13,875		DRILR		ROTATE DRILL FROM 13,742'. TO 13,.875' GPM 565, PSI 4,150, DIFF 650, WOB 28, RPM 60, TQ 16																															
2:00		2:30		0.50		13,905		DRILS		SLIDE DRILL FROM 13,875 TO 13,905, TF 65R , GPM 565, PSI 4000, DIFF 350, WOB 28																															
2:30		3:00		0.50		13,401		DRILR		ROTATE DRILL FROM 13,905'. TO 13,.401' GPM 565, PSI 4,150, DIFF 650, WOB 28, RPM 60, TQ 16																															
3:00		6:00		3.00		14,401		DPLD		ROTATE DRILL FROM 13,401 TO 14,401' GPM 565, PSI 4150, DIF 650, WOB 28, RPM 60, TQ 16. LAST SURVEY @ 14,374', 90.24 DEG, 182.1 AZM, 8192 TVD.																															
Comments																																									
LAST SURVEY @ 14091 91.91INC, 183.08 AZ, 8194.94 TVD, 6226.05 VERT SEC, 0.0 DLS, A&B ON LINE 24'R,																																									
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		15,679.90		202,316.28		80,623.53		1,808,699.74		29.83 %																							
		Totals \$:						6,063,125.00		15,680.00		202,316.00		80,624.00		1,808,700.00		29.83 %																							
Mud Information																																									
										%																															
Dens.		Vis		PV		YP		Filt.		Cake		pH/ES		Solids		Oil		Water		Sand		LGS		CI		Ca		CaCl		10s		Gels 10m 30m		Temp In Out		Mud Loss					
27-Jul-17 22:00 at Depth 13,610 ft Mud Pits, Type: Oil Base Mud																																									
10.30		30.00		4.00		6.00		4		2				12.7		58.9		26.4				7.1		51000				232496		12		20		21				33.00		227.00	

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Report No: 24		Report For 06:00 AM 28-Jul-17																			
Mud Consumables																					
Item Description				Qty.	Cost		Item Description				Qty.	Cost									
ABS MUL - GALS				275	2,571.25		Barite (Bulk) - EA				761	8,348.17									
CaCL2 - 50#SK				50	731.50		Claytone II - 50#SK				19	1,882.33									
ENGINEER - EA				1	800.00		ENGINEERing diem - EA				1	50.00									
Petrogel 400 - 50#SK				5	421.65		Shrink Wrap - EA				10	125.00									
Trucking - EA				1	750.00																
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	HPH	JIF			
5	1	ULTERI	616M	8.75	8474	5,927	64	92.6	180.0	28.00	65	16.00	10	565	4150	122	136	45	366		
Jets: 18 18 18 18 18 18				Out:		Grade: Cutter:		/		Dull:		/		Wear:		Brgs:		Gge:		Pull:	
BHA - No. 7 - BIT, MMTR, UBHO, 2 NMDC, XO = 99.05																					
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)							
12,311	1,401	92.2	180.0	28.00	28.00	60	70	15.00	17.00	550.00	565.00	4,150.00									
Annular Velocity:		Drill Collars:		446.7		Drill Pipe:		268.6													
Miscellaneous Drilling Parameters																					
Hook Loads (lbs):		Off Bottom Rotate:		184.00		Pick Up:		240.00		Slack Off:		125.00		Drag Avg/Max:		50 / 65					
Slow Circulation Data:																					
Pump 1:		30 spm		550 psi		40 spm		640 psi		50 spm		730 psi									
Pump 2:		30 spm		400 psi		40 spm		460 psi		50 spm		540 psi									
Pump 3:		30 spm		560 psi		40 spm		640 psi		50 spm		740 psi									
Survey Information																					
Survey Type		Meas. Depth		Inc.		Azimuth		TVD		Closure		Vertical Section		Coordinates		D.L.S.					
MWD		12,201.0		89.45		180.5		8,198.0		4,280.9		4,280.4		S 4280.8		W 19.9		1.46			
MWD		12,296.0		89.30		178.9		8,199.1		4,375.9		4,375.3		S 4375.8		W 19.3		1.68			
MWD		12,390.0		88.40		182.2		8,201.0		4,469.8		4,469.3		S 4469.8		W 20.2		3.68			
MWD		12,484.0		88.88		179.6		8,203.2		4,563.8		4,563.2		S 4563.7		W 21.6		2.84			
MWD		12,579.0		89.19		179.8		8,204.8		4,658.8		4,658.2		S 4658.7		W 21.1		0.43			
MWD		12,674.0		89.63		183.7		8,205.8		4,753.7		4,753.2		S 4753.6		W 24.1		4.10			
MWD		12,768.0		89.98		181.8		8,206.1		4,847.6		4,847.1		S 4847.5		W 28.5		2.10			
MWD		12,863.0		89.36		176.9		8,206.6		4,942.6		4,942.0		S 4942.5		W 27.5		5.13			
MWD		12,957.0		89.27		181.2		8,207.8		5,036.5		5,036.0		S 5036.5		W 25.9		4.49			
MWD		13,052.0		90.29		185.6		8,208.1		5,131.4		5,130.9		S 5131.3		W 31.5		4.84			
MWD		13,146.0		89.45		182.0		8,208.3		5,225.2		5,224.7		S 5225.0		W 37.8		3.93			
MWD		13,240.0		91.60		184.0		8,207.5		5,319.1		5,318.7		S 5318.9		W 42.7		3.07			
MWD		13,335.0		91.91		185.5		8,204.6		5,413.8		5,413.4		S 5413.5		W 50.5		1.61			
MWD		13,429.0		90.81		179.3		8,202.3		5,507.6		5,507.3		S 5507.4		W 54.4		6.65			
MWD		13,523.0		90.29		180.2		8,201.4		5,601.6		5,601.3		S 5601.4		W 54.0		1.09			
MWD		13,618.0		88.62		177.9		8,202.3		5,696.6		5,696.2		S 5696.3		W 52.4		2.97			
MWD		13,713.0		88.75		177.9		8,204.5		5,791.5		5,791.1		S 5791.3		W 48.9		0.14			
MWD		13,807.0		90.07		180.3		8,205.5		5,885.4		5,885.0		S 5885.2		W 47.4		2.89			
MWD		13,902.0		91.74		183.2		8,204.0		5,980.4		5,980.0		S 5980.2		W 50.2		3.52			
MWD		13,996.0		92.18		183.8		8,200.8		6,074.2		6,073.8		S 6073.9		W 55.9		0.81			
MWD		14,091.0		91.91		183.1		8,197.4		6,169.0		6,168.7		S 6168.7		W 61.6		0.80			
Mud Log Information																					
Depth (ft)		TVD (ft)		Gas (Units)		Gas		Drilling		Pore		Mud		Shale		ROP					
From	To	From	To	Avg	Max	at Depth	Connect.	Trip	Exp.	Press	Dens.	Dens.	Shale	Sand							
12,209	14,148	8,198	8,198	580.00	773.00	12750			681		10.30										
Formation Name: WOLFCAMP																					
Lithology: 100% SHALE @ 13,961'																					
Solids Control Information																					
Screen Sizes:		Top	Middle 1	Middle 2	Bottom	Equipment Usage (Hrs):															
Shaker No 1:		200	200	200	200	Centrifuge 1: 12 (Solids Removal)															
Shaker No 2:		200	200	200	200																
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	6,168	2,766	4,514	7,916	1,748											
Office trailer generator					GALS	290	30	390	650	360											
Mud					GALS	5,076	3,380	4,155	5,851	775											

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Report No: 24		Report For 06:00 AM 28-Jul-17					
Safety Information							
Meetings/Drills	Time	Description					
Safety	30	MUD TRANSFER AND PINCH POINTS					
First Aid Treatments:	Medical Treatments: 1	Lost Time Incidents: Days Since LTI: 21					
Accident Description: HAND WAS WORKING ON DRYER SHAKERS AND WHEN FINISHED HE ATTEMPTED TO CLIMB BACK UP ON THE PITS OVER THE HAND RAIL. THE HAND RAIL CAME LOOSE CAUSING HIM TO FALL ONTO THE DRYER SHAKER TANK CUTTING HIS LEG ON THE GRATING. SENT HIM TO BIG LAKE HOSPITAL WHERE HE RECIEVED STITCHES AND WAS RELEASED BY THE DOCTOR TO RETURN TO WORK							
<input type="checkbox"/> BOP Test	<input checked="" type="checkbox"/> Crownamatic Check						
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	200.00	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 \$:					6,472.00		