
	Daily Drilling Report Well ID: 42-383-39868 Field: Impossible				SEM Operating Company, LLC Well Name: University 9 2901WB Sect: 29 County: Reagan State: TX					
Report No: 14					Report For 06:00 AM 29-Jun-17					
Operator: SEM		Rig: H&P 467		Spud Date:		Daily Cost / Mud (\$):		39,750 / 5,218		
Measured Depth (ft): 8516		Drilling Days (act.): 14		Well Bore: Original Well Bore		AFE No.		AFE (\$)		Actual (\$)
Vertical Depth (ft): 8195		Drilling Days (plan):		RKB Elevation (ft): 0.00		041517		6,063,125		1,332,018
Proposed TD (ft):		Days On Location: 14		Last BOP Test: 26-Jun-17						
Hole Made (ft) / Hrs: 367 / 21.5		Last Casing: 9.63 at 7,526				Totals:		6,063,125		1,332,018
Average ROP (ft/hr): 17.07		Next Casing:		Working Interest:		Well Cost (\$):				1,332,018
Pers/Hrs: Operator: 2 / 24		Contractor: 11 / 132		Service: 7 / 84		Other: 0 / 0		Total:		20 / 240
SafetySummary: No incidents or events reported. 13 days since LTI. Conducted Crown Check, Safety Meeting.										
Current Operations: TOO H FOR LATERAL BHA @ 8,516'										
Planned Operations: TOO H CHANGE OUT BHA TIH DRILL										
Toolpusher: JUAN CANTU										
Wellsite Supervisors: GUY EMBRY, RICKY POINDEXTER								Tel No.:		
Operations Summary										
From	To	Elapsed	End MD(ft)	Code	Operations Description					Non-Prod
6:00	7:00	1.00	8,170	DRILR	ROTATE DRILL FROM 8,149' TO 8,170', WOB 35, RPM 20, GPM 500, PSI 2650, DIFF 160, TORQ 5K					
7:00	8:00	1.00	8,180	DRILS	SLIDE DRILL FROM 8,170' TO 8,180', TF - HS, GPM 500, PSI 2550, DIFF 140, WOB 40					
8:00	9:00	1.00	8,202	DRILR	ROTATE DRILL FROM 8,180' TO 8,202', WOB 35, RPM 20, GPM 500, PSI 2650, DIFF 160, TORQ 5K					
9:00	10:00	1.00	8,212	DRILS	SLIDE DRILL FROM 8,202' TO 8,212', TF - 20L, GPM 500, PSI 2550, DIFF 160, WOB 40					
10:00	11:00	1.00	8,233	DRILR	ROTATE DRILL FROM 8,212' TO 8,233', WOB 35, RPM 20, GPM 500, PSI 2550, DIFF 190, TORQ 5K					
11:00	12:00	1.00	8,243	DRILS	SLIDE DRILL FROM 8,233' TO 8,243', TF - 22L, GPM 500, PSI 2550, DIFF 130, WOB 40					
12:00	13:00	1.00	8,265	DRILR	ROTATE DRILL FROM 8,243' TO 8,265', WOB 35, RPM 20, GPM 500, PSI 2550, DIFF 190, TORQ 5K					
13:00	14:00	1.00	8,275	DRILS	SLIDE DRILL FROM 8,265' TO 8,275', TF - HS, GPM 500, PSI 2550, DIFF 120, WOB 40					
14:00	15:00	1.00	8,296	DRILR	ROTATE DRILL FROM 8,275' TO 8,296', WOB 35, RPM 20, GPM 500, PSI 2650, DIFF 190, TORQ 5K					
15:00	15:30	0.50	8,306	DRILS	SLIDE DRILL FROM 8,296' TO 8,306', TF - HS, GPM 500, PSI 2550, DIFF 140, WOB 40					
15:30	17:00	1.50	8,328	DRILR	ROTATE DRILL FROM 8,306' TO 8,328', WOB 35, RPM 20, GPM 500, PSI 2550, DIFF 190, TORQ 5K					
17:00	17:30	0.50	8,338	DRILS	SLIDE DRILL FROM 8,328' TO 8,338', TF - HS, GPM 500, PSI 2550, DIFF 140, WOB 40					
17:30	18:30	1.00	8,359	DRILR	ROTATE DRILL FROM 8,338' TO 8,359', WOB 35, RPM 20, GPM 500, PSI 2550, DIFF 190, TORQ 5K					
18:30	19:30	1.00	8,369	DRILS	SLIDE DRILL FROM 8,359' TO 8,369', TF - 11L, GPM 600, PSI 3350, DIFF 190, WOB 30					
19:30	20:30	1.00	8,391	DRILR	ROTATE DRILL FROM 8,369' TO 8,391', WOB 30, RPM 20, GPM 600, PSI 3400, DIFF 200, TORQ 7K					
20:30	21:30	1.00	8,401	DRILS	SLIDE DRILL FROM 8,391' TO 8,401', TF - HS, GPM 600, PSI 3350, DIFF 150, WOB 30					
21:30	22:30	1.00	8,423	DRILR	ROTATE DRILL FROM 8,401' TO 8,423', WOB 30, RPM 20, GPM 600, PSI 3400, DIFF 200, TORQ 7K					
22:30	23:30	1.00	8,434	DRILS	SLIDE DRILL FROM 8,423' TO 8,434', TF - HS, GPM 600, PSI 3350, DIFF 150, WOB 30					
23:30	0:30	1.00	8,456	DRILR	ROTATE DRILL FROM 8,434' TO 8,456', WOB 30, RPM 20, GPM 600, PSI 3400, DIFF 200, TORQ 7K					
0:30	1:00	0.50	8,466	DRILS	SLIDE DRILL FROM 8,456' TO 8,466', TF - HS, GPM 600, PSI 3350, DIFF 150, WOB 30					
1:00	2:00	1.00	8,487	DRILR	ROTATE DRILL FROM 8,466' TO 8,487', WOB 30, RPM 20, GPM 600, PSI 3400, DIFF 200, TORQ 7K					
2:00	3:00	1.00	8,495	DRILS	SLIDE DRILL FROM 8,487' TO 8,495', TF - HS, GPM 600, PSI 3350, DIFF 150, WOB 30					
3:00	3:30	0.50	8,516	DRILR	ROTATE DRILL FROM 8,495' TO 8,516', WOB 30, RPM 20, GPM 600, PSI 3400, DIFF 200, TORQ 7K					
3:30	5:30	2.00	8,516	CIRC	PUMP TWO 20 BBL HI VIS SWEEPS AND CIRCULATE OUT & BUILD SLUG AND PUMP.					
5:30	6:00	0.50	8,516	TRPO	TOOH FOR LATERAL BHA. (PROJ @ BIT 8515', 81.25 INC, 359.10 AZ, 8195.46 TVD, 689.30 N-S, 108.63 E-W, 691.81 VERT SEC, 9.31 DLS, 20' A, 6'L, NTL 5.01					
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	17.50	54.50	J-55	
FULL	9.63	0		7,526			12.25	40.00	L-80	
Cost/AFE Information										
AFE No	AFE Description	AFE Amount	Daily Mud	Well Mud	Daily Total	Well Total	% Spent			
041517	D & C 7500' lateral horizontal we	6,063,125.00	5,217.71	72,448.12	39,749.71	1,332,017.83	21.97 %			
Totals \$:		6,063,125.00	5,218.00	72,448.00	39,750.00	1,332,018.00	21.97 %			

	<div>Daily Drilling Report</div> <div>Well ID: 42-383-39868</div> <div>Field: Impossible</div>	<div>SEM Operating Company, LLC</div> <div>Well Name: University 9 2901WB</div> <div>Sect: 29 County: Reagan State: TX</div>																					
Report No: 14		Report For 06:00 AM 29-Jun-17																					
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			
28-Jun-17 22:00 at Depth 8,415 ft Mud Pits, Type: Oil Base Mud																							
10.00	74.00	1.00	5.00	5	2		12	61	25		8	51000	42361		11	16			27.00				
Mud Consumables																							
Item Description							Qty.	Cost		Item Description							Qty.	Cost					
AES VIS LS (50) - SACK							7	639.66		Barite (Bulk) - EA							85	932.45					
BLUE MAX - 5GAL							1	42.83		CaCL2 - 50#SK							20	292.60					
Claytone II - 50#SK							11	1,089.77		ENGINEER - EA							1	800.00					
ENGINEERing diem - EA							1	50.00		Lime - 50#SK							10	71.40					
Trucking (CWT) - EA							433	1,299.00															
Bit/BHA/Workstring Information																							
No Run		Make	Model	Diam	Depth	This Run		R.O.P.		Mud				Pump									
					In	Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HP	HP	JIF			
2		1	BAKER	VG-20M	8.75	7526	990	64	15.5	30.0	30.00	20	7.00	10	600	3400	258	596	209	802			
Jets: 18 18 18					Out:		Grade:		Cutter:		/		Dull:		/		Wear:		Brgs:		Gge:		
BHA - No. 2 - BIT, MMTR, UBHO, NMDC, NMFLEX, XO = 92.08																							
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)									
8,149	8,516	15.5	30.0	30.00	40.00	20	20	5.00	7.00	500.00	600.00	3,500.00											
Miscellaneous Drilling Parameters																							
Hook Loads (lbs):		Off Bottom Rotate:		191.00	Pick Up:		200.00	Slack Off:		184.00	Drag Avg/Max:		/										
Slow Circulation Data:																							
Pump 1:		30 spm		500 psi		40 spm		560 psi		50 spm		630 psi											
Pump 2:		30 spm		470 psi		40 spm		540 psi		50 spm		620 psi											
Pump 3:		30 spm				40 spm				50 spm													
Survey Information																							
Survey		Meas.								Vertical		Coordinates											
Type		Depth	Inc.	Azimuth	TVD	Closure				Section	N-S	E-W	D.L.S.										
MWD		8,099.0	45.57	357.0	8,016.9	344.0				321.5	N 318.9	E 129.0	1.75										
MWD		8,130.0	50.99	356.8	8,037.5	365.1				344.6	N 342.0	E 127.7	17.50										
MWD		8,162.0	53.19	356.8	8,057.2	388.4				369.7	N 367.2	E 126.3	6.87										
MWD		8,193.0	55.65	356.8	8,075.2	411.8				394.9	N 392.4	E 124.9	7.94										
MWD		8,225.0	57.85	356.5	8,092.7	436.9				421.5	N 419.1	E 123.3	6.91										
MWD		8,256.0	59.91	356.3	8,108.8	461.9				448.0	N 445.6	E 121.6	6.68										
MWD		8,288.0	62.15	356.2	8,124.3	488.5				475.9	N 473.5	E 119.8	7.00										
MWD		8,319.0	64.44	356.0	8,138.2	514.8				503.5	N 501.2	E 117.9	7.41										
MWD		8,351.0	66.59	355.9	8,151.5	542.7				532.5	N 530.2	E 115.8	6.72										
MWD		8,382.0	70.02	356.3	8,162.9	570.4				561.1	N 558.9	E 113.9	11.11										
MWD		8,414.0	72.35	356.8	8,173.2	599.7				591.3	N 589.2	E 112.0	7.44										
MWD		8,445.0	74.86	357.3	8,182.0	628.7				621.0	N 618.9	E 110.5	8.26										
MWD		8,464.0	76.57	357.8	8,186.7	646.6				639.4	N 637.3	E 109.7	9.40										
Rig Information																							
Equipment Problems:																							
Location Condition:																							
Transport:																							
Solids Control Information																							
Screen Sizes:		Top	Middle 1	Middle 2	Bottom																		
Shaker No 1:		200	200	200	200																		
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	7,721		2,129			5,592												
Office trailer generator					GALS	237		30			207												
Mud					GALS	7,984		896			7,088												
Safety Information																							
Meetings/Drills		Time		Description																			
Safety		30		FIRST DAY BACK CHECKING EQUIPMENT																			
First Aid Treatments:				Medical Treatments:				Lost Time Incidents:				Days Since LTI:				13							
<input type="checkbox"/> BOP Test		<input checked="" type="checkbox"/> Crownamatic Check																					
Weather Information																							
Sky Condition:				CLEAR				Visibility:				10											
Air Temperature:				74.00 degF				Bar. Pressure:				29											
Wind Speed/Dir:				13 / S				Wind Gusts:															



Daily Drilling Report

Well ID: 42-383-39868

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9 2901WB

Sect: 29 County: Reagan State: TX

Report No: 14

Report For 06:00 AM 29-Jun-17

Rental Tools Information

Type	Description	Serial No.	Vendor	Acct Code	Today's Cost \$	Start	End
Trailer	HOUSING		TREND	9240-01	900.00	15-Jun-17	
Notes: 4 TRAILERS							
Frac Tanks	FRAC TANKS		THORPE	9245-01	175.00	15-Jun-17	
Notes: 7 FRAC TANKS							
PVT	RIG SENSE		TOTCO	9240-01	388.00	15-Jun-17	
Light Tower	LIGHT TOWERS		CACTUS	9240-01	125.00	15-Jun-17	
Notes: 5 LIGHT PLANTS							
OBM Control	CENTRIFUGES		DES	9210-01	3,050.00	15-Jun-17	
Frac Tanks	OBM STORAGE		PURITY	9210-01	489.00	15-Jun-17	
Notes: 5 TANKS AND MANIFOLD							
SPOOLS	BOP SPACER SPOOL		MONAHANS	9240-01	110.00	15-Jun-17	
Trans. Pump	TRANS PUMP		TIGER	9240-01	255.00	15-Jun-17	
Notes: 3 TIGER 4X4 PUMPS							
H2S	AMPRO H2S		AMPRO	9240-01	100.00	15-Jun-17	
Rotating Hd.	ROT HEAD		AIR DRIL	9240-01	120.00	15-Jun-17	
Mud Bucket	mud bucket		STABIL	9241-01	110.00	15-Jun-17	
Rig Vac	MUD VACUME		KSW	9241-01	200.00	15-Jun-17	
Notes: MUD VAC/SHAKER WASHER							
Containment	KATCH KAN		KATCH	9240-01	150.00	27-Jun-17	
Notes: KATCH KAN							

Total Daily Rental Cost \$:	6,172.00
------------------------------------	----------