



Daily Drilling Report

Well ID: 42-383-39869

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9 2902WB

Sect: 29 County: Reagan State: TX

Report No: 18

Report For 06:00 AM 22-Jul-17

Operator: SEM OPERATING

Rig: H&P 467

Spud Date:

Daily Cost / Mud (\$): 58,117 / 13,720

Measured Depth (ft): 7699

Drilling Days (act.): 18

Well Bore: Original Well Bore

AFE No.

AFE (\$)

Actual (\$)

Vertical Depth (ft): 7692

Drilling Days (plan):

RKB Elevation (ft): 0.00

041717

6,063,125

1,252,613

Proposed TD (ft):

Days On Location: 18

Last BOP Test: 20-Jul-17

Hole Made (ft) / Hrs: 80 / 8.5

Last Casing: 9.63 at 7,522

Totals:

6,063,125

1,252,613

Average ROP (ft/hr): 9.41

Next Casing:

Working Interest:

Well Cost (\$):

1,252,613

Pers/Hrs: Operator: 2 / 24

Contractor: 11 / 132

Service: 7 / 84

Other: 0 / 0

Total: 20 / 240

SafetySummary: No incidents or events reported. 15 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations: TIH WITH CURVE BHA.

Planned Operations: TIH SERVICE RIG MWD SURVEY

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	6:30	0.50	7,619	TRPO	POOH FROM 2,000' TO 548	X
6:30	7:00	0.50	7,619	INSTAL	REMOVE ROTATING HEAD	X
7:00	7:30	0.50	7,619	TRPO	FINISH POOH TO DIRECTIONAL TOOLS	X
7:30	9:30	2.00	7,619	DIR	DRAIN MOTOR, BREAK OFF BIT, RETRIEVE MWD, L/D MOTOR, P/U NEW MOTOR, SCRIBE, INSTALL MWD AND TEST, MAKE UP BIT	X
9:30	10:00	0.50	7,619	TRPI	TIH TO 475'	
10:00	10:30	0.50	7,619	INSTAL	INSTALL ROTATING HEAD	
10:30	14:00	3.50	7,619	TRPI	TIH FROM 475' TO 7,619'	
14:00	22:30	8.50	7,699	DRILS	SLIDE DRILL FROM 7,619' TO 7,699', TF = 185M, WOB 10/20K, GPM 400, DIFF 100/250, PP 1700	
22:30	0:00	1.50	7,699	CIRC	CIRCULATE AND BUILD SLUG AND PUMP SAME.	
0:00	2:30	2.50	7,699	TRPO	TOOH FOR BIT. FROM 7699' TO 517'.	
2:00	2:30	0.50	7,699	INSTAL	PULL ROTATING HEAD.	
2:30	3:00	0.50	7,699	TRPO	CONTINUE TOOH FROM 517'. TO BHA'	
3:00	5:00	2.00	7,699	BHAOP	CHANGE OUT BIT, TIGHTEN AND TORQUE SLICK SLEEVE ON MOTOR AND CHANGE OUT MWD.TEST MWD	

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	13,720.06	111,235.63	58,117.06	1,252,613.04	20.66 %
Totals \$:		6,063,125.00	13,720.00	111,236.00	58,117.00	1,252,613.00	20.66 %

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
21-Jul-17 22:00 at Depth 7,698 ft Mud Pits, Type: Oil Base Mud																				
10.10	31.00	4.00	6.00	10	2		12.1	58.5	27.5		7.3	50000		221854	12	16	18		20.00	

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
ABS MUL - GALS	138	1,290.30	AES WA II - EA	138	1,363.44
Barite (Bulk) - EA	416	4,563.52	CaCL2 - 50#SK	38	555.94
Claytone II - 50#SK	3	297.21	ENGINEER - EA	1	800.00
ENGINEERING diem - EA	1	50.00	FIR PLUS - 50#SK	16	1,721.92
Lime - 50#SK	19	135.66	Petrogel 400 - 50#SK	4	337.32
ShALETEX II - 50#SK	3	228.75	Trucking (CWT) - EA	792	2,376.00

Bit/BHA/Workstring Information

R.O.P.										Mud Pump										
No Run	Make	Model	Diam	Depth In	This Run Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HPH	JIF		
3	1	ULTERI	613M	8.75	7522	177	16.5	10.7	25.0	20.00	100	5.00	10	400	1800	86	67	16	180	
Jets: 18 18 18 18 18 18				Out:		Grade:		Cutter: /		Dull: /		Wear:		Brgs:		Gge:		Pull:		
3	2	ULTERI	613M	8.75	7619	80	8.5	9.4	15.00			10	400	1800						
Jets: 18 18 18 18 18 18				Out: 7699		Grade:		Cutter: 1 / 1		Dull: NO / NO		Wear: A		Brgs: X		Gge: 1		Pull: BHA		
BHA - No. 5 - BIT, MMTR, UBHO, NMDC, NMFLEX, XO = 97.98																				

Bulk Inventory

Item Type	Units	Beginning	Used	Received	On Hand	Net
Fuel	GALS	10,929			10,929	
Office trailer generator	GALS	470	30		440	
Mud	GALS	9,328	1,701		7,627	

Safety Information

Meetings/Drills	Time	Description
Safety	30	CHANGE OUT BHA TIH
First Aid Treatments:		Medical Treatments:
Lost Time Incidents:		Days Since LTI:
15		
<input type="checkbox"/> BOP Test	<input checked="" type="checkbox"/> Crownamatic Check	

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Well ID: 42-383-39869

Field: Impossible

SEM Operating Company, LLC

Well Name: University 9 2902WB

Sect: 29 County: Reagan State: TX

Report No: 18

Report For 06:00 AM 22-Jul-17

Weather Information

Sky Condition: CLEAR

Visibility:	10
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Air Temperature: 75.00 degF

Bar. Pressure: 29

Wind Speed/Dir: 6 / SSE

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
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