



# 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: 20

Report For 06:00 AM 05-Jul-17

Operator:	SEM	Rig:	H&P 467	Spud Date:		Daily Cost / Mud (\$):	61,190 / 5,405
Measured Depth (ft):	16438	Drilling Days (act.):	20	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 1,666,708
Proposed TD (ft):		Days On Location:	20	Last BOP Test:	26-Jun-17		
Hole Made (ft) / Hrs:	0 / 0.0	Last Casing:	9.63 at 7,526			Totals:	6,063,125 1,666,708
Average ROP (ft/hr):		Next Casing:		Working Interest:		Well Cost (\$):	1,666,708
Pers/Hrs:	Operator: 2 / 24	Contractor:	11 / 132	Service:	7 / 84	Other:	9 / 216
						Total:	29 / 456

SafetySummary: No incidents or events reported. 19 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations: RUNNING 51/2 CASING

Planned Operations: LAND CASING, BURP PIPE AND CEMENT

Toolpusher: JUAN CANTU

Wellsite Supervisors: GUY EMBRY, TONY KARL

Tel No.:

## Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	9:00	3.00	16,438	DPLD	TOOH L/DN DRILL PIPE AND AIM DIRECTIONAL BHA	
9:00	10:30	1.50	16,438	OTHER	CLEAN OFF RIG FLOOR PREPARE TO RIG UP CASING TOOLS TO RUN 5.5" PROD CASING	
10:30	12:00	1.50	16,438	SAFETY	HELD SAFETY MEETING WITH EXPRESS ENERGY CASING CREW AND RIG CREW RIG UP CASING TOOLS	
12:00	6:00	18.00	16,438	CASE	M-UP SHOE TRACK CHK FLOATS OK INSTALL TRIGGER TOE SUB PICK UP AND RIH WITH 5.5" , 20# HCP-110 CASING INSTALL CENTRALIZERS MARKER JTS. AND FLOTATION COLLAR A.P.P.	

## 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	5,404.80	128,954.41	61,189.80	1,666,707.51	27.49 %
	Totals \$:	6,063,125.00	5,405.00	128,954.00	61,190.00	1,666,708.00	27.49 %

## Mud Information

Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	10s	Gels 10m	30m	Temp In	Out	Mud Loss
04-Jul-17 22:00 at Depth 16,438 ft Mud Pits, Type: Oil Base Mud																				
10.60	38.00	4.00	5.00	7	2		8.7	58.8	24.4			51000		25000	12	19		89.00	89.00	

## Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Barite (Bulk) - EA	340	3,729.80	ENGINEER - EA	1	750.00
ENGINEERING diem - EA	1	50.00	Restocking Fee - EA	250	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	
3	1	ULTERI	U616M	8.75	8516	7,922	80.5													
Jets: 22 22 22 22 22					Out: 16438		Grade: Cutter:		1 / 1		Dull: NO / NO		Wear: A		Brgs: X		Gge: 0		Pull: TD	
BHA - No. 3 - BIT, MMTR, UBHO, NMDC, NMFLEX, XO = 96.06																				

## Rig Information

Equipment Problems: NONE

Location Condition:

Transport:

## Bulk Inventory

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**Bulk Inventory**

Item Type	Units	Beginning	Used	Received	On Hand	Net
Fuel	GALS	5,402	753		4,649	
Office trailer generator	GALS	252	40		212	
Mud	GALS	3,859	0		3,859	

**Safety Information**

Meetings/Drills	Time	Description
Safety	30	L/D DP, RUN CASING
First Aid Treatments:	Medical Treatments:	Lost Time Incidents:
Days Since LTI:	19	
<input type="checkbox"/> BOP Test	<input checked="" type="checkbox"/> Crownamatic Check	

**Weather Information**

Sky Condition:	CLEAR	Visibility:	10
Air Temperature:	90.00 degF	Bar. Pressure:	
Wind Speed/Dir:	15 / SSE	Wind Gusts:	25

**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