

**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: 21

Report For 06:00 AM 06-Jul-17

Operator:	SEM	Rig:	H&P 467	Spud Date:		Daily Cost / Mud (\$):	432,486 / 800
Measured Depth (ft):	16438	Drilling Days (act.):	21	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 2,099,163
Proposed TD (ft):		Days On Location:	21	Last BOP Test:	26-Jun-17		
Hole Made (ft) / Hrs:	0 / 0.0	Last Casing:	5.50 at 16,433			Totals:	6,063,125 2,099,163
Average ROP (ft/hr):		Next Casing:		Working Interest:		Well Cost (\$):	2,099,163
Pers/Hrs:	Operator: 2 / 24	Contractor:	11 / 132	Service:	7 / 84	Other:	0 / 0
						Total:	20 / 240

SafetySummary: No incidents or events reported. 20 days since LTI. Conducted Safety Meeting.

Current Operations: CLEAN PITS AND RIG DOWN

Planned Operations: CLEAN AND RIG DOWN RIG TO MOVE

Toolpusher: LUKE BOYD

Wellsite Supervisors: GUY EMBRY, TONY KARL

Tel No.:

**Operations Summary**

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	8:00	2.00	16,438	CASE	CONT RIH WITH 5.5" PRODUCTION CASING TO 16433' TAG BOTTOM RIG DOWN CASING TOOLS	
8:00	12:00	4.00	16,438	CIRC	INSTALL SWEDGE SHEAR FLOTATION COLLAR AT 1405 PSI BURP AIR OUT OF CASING DROP WIPER PLUD PUMP DOWN AND SHEAR AT 1920 PSI	
12:00	18:00	6.00	16,438	CIRC	CIRC CASING AND WAIT ON CJ CEMENT SERVICES TO ARRIVE ON LOCATION TO CEMENT 5.5" PRODUCTION	
18:00	18:30	0.50	16,438	CMTTP	RIG UP CMT HEAD AND LINES HELD SAFETY MEETING WITH C AND J SERV. AND RIG CREW	
18:30	0:30	6.00	16,438	CMTTP	TEST LINES TO 5000 PSI PUMP 40 BBLs OBM RECOVERY SPACER 310 BBL RECOVERY BRINE , 40 BBLs OTF SPACER , 600 SKS, 250 BBLs, 11.8 LEAD, 2600 SKS, 602 BBLs , 14.2 TAIL CMT , SHUT DOWN WASH LINES TO PIT DROP YELLOW PLUG PUMP 15 BBL SUGAR WATER DROP BLACK PLUG , PUMP 15 BBL SUGAR WATER, DISPLACE W/345 BBL BIOCIDIC WATER, BUMP YELLOW PLUG AND SHEAR AT 400 PSI OVER DISPLACEMENT PSI OF 3500 , BUMP BLACK PLUG TO 4500 PSI HELD 3 MIN BLEED BACK 5 BBLs FLOATS HELD OK RETURNED 80 BBL CMT BACK TO SURFACE RIG DOWN CMT EQUIP	
0:30	5:30	5.00	16,438	BOPND	FLUSH BOP AND FLOWLINE WITH SUGAR WATER NIPPLE DOWN BOP SET CSG SLIPS WITH 107 KI STRING WT ON SLIPS CUT OFF CSG WITH STREAM REP REMOVE BOP MAKE FINAL CUT ON CSG INSTAL C-SEC WELLHEAD AND NITE CAP WITH MONAHANS NIPPLE UP CREW SECURE WELL	
5:30	6:00	0.50	16,438	CLPITS	CLEAN PITS AND RIG WITH TDJ SERVICES	

**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	
FULL	5.50	0	8,182	16,433	8,182	PROD	10.00	20.00	HCP-110	

**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	800.00	129,754.41	432,485.50	2,099,163.01	34.62 %
<b>Totals \$:</b>		6,063,125.00	800.00	129,754.00	432,486.00	2,099,163.00	34.62 %

**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
05-Jul-17 12:00 at Depth 16,438 ft Mud Pits, Type: Oil Base Mud																				
10.60	1.00	5.00	4.00	7	2		8.8	58.8	24.4			49000		25000	12	19		89.00	89.00	

**Mud Consumables**

Item Description	Qty.	Cost	Item Description	Qty.	Cost
ENGINEER - EA	1	750.00	ENGINEERING diem - EA	1	50.00

**Rig Information**

Equipment Problems: NONE

Location Condition:

Transport:

**Bulk Inventory**

Item Type	Units	Beginning	Used	Received	On Hand	Net
Fuel	GALS	4,649	913		3,736	
Office trailer generator	GALS	212	40		172	
Mud	GALS	3,859	0		3,859	

**Safety Information**

Meetings/Drills	Time	Description
Safety	30	PROCEDURE FOR CEMENT JOB
First Aid Treatments:	Medical Treatments:	Lost Time Incidents:
Days Since LTI:	20	
<input type="checkbox"/> BOP Test	<input type="checkbox"/> Crownamatic Check	

**Weather Information**

Sky Condition:	CLOUDY	Visibility:	5
Air Temperature:	90.00 degF	Bar. Pressure:	
Wind Speed/Dir:	15 / SSE	Wind Gusts:	25

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**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	
<b>Notes:</b> 4 TRAILERS							
Frac Tanks	FRAC TANKS		THORPE	9245-01	175.00	15-Jun-17	
<b>Notes:</b> 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	
<b>Notes:</b> 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	
<b>Notes:</b> 5 TANKS AND MANIFOLD							
Trans. Pump	TRANS PUMP		TIGER	9240-01	255.00	15-Jun-17	
<b>Notes:</b> 3 TIGER 4X4 PUMPS							
H2S	AMPRO H2S		AMPRO	9240-01	100.00	15-Jun-17	
Rig Vac	MUD VACUME		KSW	9241-01	200.00	15-Jun-17	
<b>Notes:</b> MUD VAC/SHAKER WASHER							
<b>Total Daily Rental Cost \$:</b>					5,682.00		