

**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: 10

Report For 06:00 AM 25-Jun-17

Operator:		SEM	Rig:		H&P 467	Spud Date:		Daily Cost / Mud (\$):			77,848 / 4,119
Measured Depth (ft):		7526	Drilling Days (act.):		10	Well Bore:		Original Well Bore	AFE No.	AFE (\$)	Actual (\$)
Vertical Depth (ft):		7520	Drilling Days (plan):			RKB Elevation (ft):		0.00	041517	6,063,125	820,242
Proposed TD (ft):			Days On Location:		10	Last BOP Test:					
Hole Made (ft) / Hrs:		0 / 0.0	Last Casing:		13.38 at 745				Totals:	6,063,125	820,242
Average ROP (ft/hr):			Next Casing:			Working Interest:			Well Cost (\$):		820,242
Pers/Hrs:	Operator:	2 / 24	Contractor:	11 / 132	Service:	6 / 72	Other:	6 / 72	Total:	25 / 300	

SafetySummary: No incidents or events reported. 9 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations: BUMP PLUG

Planned Operations: FLUSH BOP NIPPLE DOWN BOP SET SLIPS ON CASING N/U BOP

Toolpusher: JUAN CANTU

Wellsite Supervisors: BRUCE DELAUGHTER, RICKY POINDEXTER

Tel No.:

**Operations Summary**

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	8:00	2.00	7,526	RUC	RIG UP EXPRESS ENERGY CASING CREW, SAFETY MEETING	
8:00	11:30	3.50	7,526	CASE	MAKE UP FLOAT SHOE AND COLLAR AND TEST FLOAT EQUIPMENT, TIH TO 2,027' AND STARTED LOSING RETURNS	
11:30	12:30	1.00	7,526	CIRC	MAKE UP CIRCULATING SWEDGE AND CIRCULATE BOTTOMS UP AND CONDITION MUD	
12:30	13:00	0.50	7,526	CASE	RUN CASING FROM 2,027' TO 2,160'	
13:00	14:00	1.00	7,526	RUC	RIG UP CASING CREW CRT, LOST RETURNS AND PUMPED DOWN CASING WITH NO RETURNS, BACKSIDE WAS FULL	
14:00	0:00	10.00	7,526	CASE	RUN CASING FROM 2,160' TO 3,307', STOP @ 3,000' AND TRY TO CIRCULATE AND NO RETURNS, PICK UP RITE WRAP ELEVATORS AND CONTINUE TRIPPING IN HOLE WITH NO RETURNS BUT BACKSIDE IS FULL CONTINUE RUNNING CASING TOP OFF BACK SIDE FULL @ 5000' & FILL CASING NO RETURNS, CONTINUE RIH WITH 171 JOINTS 9 5/8" J-55 40# TP 7130.83', SET @ 7125'. (STARTED GETTING PARCEL RETURNS @ 6425')	
0:00	1:30	1.50	7,526	WASH	WASH CASING DOWN FROM 7467' TO BOTTOM @ 7526', RIG DOWN EXPRESS CASING TOOLS.	
1:30	2:00	0.50	7,526	SAFETY	HPJSM RIG DOWN CRT AND RIG UP CEMENT HEAD.	
2:00	6:00	4.00	7,526	CMTP	FILL LINES TEST LINES 4000 PSI OK PUMP 200 BBLs FRESH H2O SPACER, 20 BBLs WELLEM GUM SPACER, LEAD CEMENT 554 BBLs @ 11.8 PPG YLD 2.28, TAIL 134 BBLs @ 14.4 PPG, YLD 1.25, DROP PLUG, DISPLACE WITH 557 BBLs FRESH WATER, SLOW DOWN TO 3 BBL LAST 20 BBLs, HAD 1400 PSI LIFT PSI, BUMP PUMP PLUG W, 1900, PSI HOLD 5 MIN CHECK FLOATS HAD RETURNS THROUGH OUT WHOLE CEMENT JOB.	

**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	

**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	4,118.58	49,199.13	77,848.31	820,242.27	13.53 %
Totals \$:		6,063,125.00	4,119.00	49,199.00	77,848.00	820,242.00	13.53 %

**Mud Consumables**

Item Description	Qty.	Cost	Item Description	Qty.	Cost
BLUE MAX - 5GAL	3	128.49	ENGINEER - DAY	1	800.00
ENGINEERING diem - EA	1	50.00	Lime - 50#SK	15	107.10

**Rig Information**

Equipment Problems:

Location Condition:

Transport:

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**Solids Control Information****Screen Sizes:**      **Top**      **Middle 1**      **Middle 2**      **Bottom****Shaker No 1:**      170      170      170      170**Shaker No 2:**      170      170      170      170**Shaker No 3:**      170      170      170      170**Bulk Inventory**

Item Type	Units	Beginning	Used	Received	On Hand	Net
Fuel	GALS	7,527	527	5,229	12,229	4,702
Office trailer generator	GALS	150	150		0	
Mud	GALS	7,552		1,592	9,144	

**Safety Information****Meetings/Drills**      **Time**      **Description**

Safety      30

**First Aid Treatments:**      **Medical Treatments:**      **Lost Time Incidents:**      **Days Since LTI:**      9☐ **BOP Test**      ☒ **Crownamatic Check****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	363.00	15-Jun-17	
Light Tower	LIGHT TOWERS		CACTUS	9240-01	175.00	15-Jun-17	
<b>Notes:</b> 7 LIGHT PLANTS							
drive over	DRIVE OVER		MCGUIRE	9240-01	90.00	15-Jun-17	
OBM Control	CENTRIFUGES		DES	9210-01	1,650.00	15-Jun-17	
Frac Tanks	OBM STORAGE		PURITY	9210-01	489.00	15-Jun-17	
<b>Notes:</b> 5 TANKS AND MANIFOLD							
SPOOLS	BOP SPACER SPOOL		MONAHANS	9240-01	210.00	15-Jun-17	
Trans. Pump	TRANS PUMP		TIGER	9240-01	300.00	15-Jun-17	
<b>Notes:</b> 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**Total Daily Rental Cost \$:**      4,882.00