



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: 15

Report For 06:00 AM 19-Jul-17

Operator:		SEM OPERATING		Rig:		H&P 467		Spud Date:		Daily Cost / Mud (\$):		41,074 / 7,037									
Measured Depth (ft):		7522		Drilling Days (act.):		15		Well Bore:		Original Well Bore		AFE No.		AFE (\$)		Actual (\$)					
Vertical Depth (ft):		7515		Drilling Days (plan):				RKB Elevation (ft):		0.00		041717		6,063,125		694,356					
Proposed TD (ft):				Days On Location:		15		Last BOP Test:													
Hole Made (ft) / Hrs:		0 / 0.0		Last Casing:		13.38 at 745						Totals:		6,063,125		694,356					
Average ROP (ft/hr):				Next Casing:				Working Interest:				Well Cost (\$):				694,356					
Pers/Hrs:		Operator:		2 / 24		Contractor:		11 / 132		Service:		6 / 72		Other:		5 / 60		Total:		24 / 288	

SafetySummary: No incidents or events reported. 12 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations: RUNNING 9 5/8" CASING @ 4176'

Planned Operations: FINISH RUNNING CASING, CMT 9 5/8" CSG,NIPPLE DOWN, SET SLIPS,INSTALL WELL HEAD,NIPPLE UP

Toolpusher: LUKE BOYD

Wellsite Supervisors: BRUCE DELAUGHTER, DARYL MCENTYRE

Tel No.:

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	9:00	3.00	7,522	CIRC	CIRCULATE 2 HIGH VIS SWEEPS AND CLEAN HOLE	
9:00	12:30	3.50	7,522	TRPI	POOH TO 6,150' AND SPOT 50 BBL LCM PILL, CONTINUE POOH TO 3,662'	
12:30	13:00	0.50	7,522	CIRC	CIRCULATE BOTTOMS UP AND PUMP NUT PLUG TO TRY AND UNBALL BIT	
13:00	14:30	1.50	7,522	TRPI	FINISH POOH WITH DRILL PIPE TO 9,66'	
14:30	15:00	0.50	7,522	INSTAL	REMOVE ROTATING HEAD	
15:00	20:30	5.50	7,522	BHAOP	LAY DOWN 6 1/2" & 8" DRILL COLLARS, LAY DOWN DIRECTIONAL TOOLS	
20:30	21:00	0.50	7,522	CRF	CLEAN AND CLEAR RIG FLOOR	
21:00	22:30	1.50	7,522	RIGU	RIG UP EXPRESS CASING EQUIPMENT,HELD PJSM	
22:30	3:30	5.00	7,522	CASE	MAKE UP FLOAT SHOE AND COLLAR AND TEST FLOAT EQUIPMENT, RUN 9 5/8" CASING TO 3000'	
3:30	4:30	1.00	7,522	CIRC	FILL CASING AND CIRCULATE BOTTOMS UP @ 3000' WITH FULL RETURNS	
4:30	6:00	1.50	7,522	CASE	RUN 9 5/8" CASING FROM 3000' TO 4176'	

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				

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	7,036.71	72,131.01	41,073.71	694,356.08	11.45 %
Totals \$:		6,063,125.00	7,037.00	72,131.00	41,074.00	694,356.00	11.45 %

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	
18-Jul-17 21:00 at Depth 7,522 ft Mud Pits, Type: Saturated Salt Mud																					
9.20	38.00	8.00	9.00		1	9.3			94.6			24000	200		8	12	16	91.00			

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
AGRI PLUG (40) - 40#SK	8	64.48	BLUE MAX - 5GAL	1	42.83
Caustic - 50#SK	2	49.56	Cedar Fiber Fine - 50#SK	8	64.96
Drilling paper - EA	15	191.25	ENERPAC REG - 50#SK	41	4,991.75
ENGINEER - EA	1	800.00	ENGINEERING diem - EA	1	50.00
Gel - 100#SK	40	384.00	Lignite - 50#SK	13	101.79
SAPP Sticks - 50#SK	35	123.55	Soad ash - 100#SK	1	13.93
Soap Sticks - EA	51	158.61			

Bit/BHA/Workstring Information

BHA - No. 3 - BIT, MMTR, MSUB, NMDC, STAB, NMDC, STAB, XO, 3 DC, XO, 21 DC, XO = 844.76



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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	11,283	1,267		10,016	
Office trailer generator	GALS	210	130		80	
Mud	GALS	8,897	0		8,897	

Safety Information

Meetings/Drills Time Description

Safety 30 L/D BHA,RIG UP AND RUN CASING

First Aid Treatments: Medical Treatments: Lost Time Incidents: Days Since LTI: 12

☐ 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	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	110.00	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 \$: 6,297.00