


| | | | | | | | | | | |
|---|---|---|--------------|-------------------------------------|---|--|-----------------|-----------------|---------------|---------------|
|  | <div><div>Daily Drilling Report</div><div>Well ID: 42-383-39869</div><div>Field: Impossible</div></div> | <div><div>SEM Operating Company, LLC</div><div>Well Name: University 9 2902WB</div><div>Sect: 29 County: Reagan State: TX</div></div> | | | | | | | | |
| Report No: 16 | | Report For 06:00 AM 20-Jul-17 | | | | | | | | |
| Operator: SEM OPERATING | | Rig: H&P 467 | | Spud Date: | | Daily Cost / Mud (\$): 407,634 / 3,034 | | | | |
| Measured Depth (ft): 7522 | | Drilling Days (act.): 16 | | 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 1,101,893 | | | | |
| Proposed TD (ft): | | Days On Location: 16 | | Last BOP Test: 20-Jul-17 | | | | | | |
| Hole Made (ft) / Hrs: 0 / 0.0 | | Last Casing: 9.63 at 7,522 | | | | Totals: 6,063,125 1,101,893 | | | | |
| Average ROP (ft/hr): | | Next Casing: | | Working Interest: | | Well Cost (\$): 1,101,893 | | | | |
| Pers/Hrs: Operator: 2 / 24 | | Contractor: 11 / 132 | | Service: 7 / 84 | | Other: 10 / 120 Total: 30 / 360 | | | | |
| SafetySummary: No incidents or events reported. 13 days since LTI. Conducted BOP Test, Crown Check, Safety Meeting. | | | | | | | | | | |
| Current Operations: TESTING BOPS | | | | | | | | | | |
| Planned Operations: TEST BOP AND CASING PICK UP DIRECTIONAL TOOLS TIH DRILL FLOAT EQUIPMENT | | | | | | | | | | |
| 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 | 7:00 | 1.00 | 7,522 | CIRC | LOSING RETURNS, CIRCULATE BOTTOMS UP @ 4,176' WITH FULL RETURNS | | | | | |
| 7:00 | 9:30 | 2.50 | 7,522 | CASE | TIH WITH CASING FROM 4,176' TO 5,812', RETURN FLOW IS STARTING TO SLOW DOWN | | | | | |
| 9:30 | 10:30 | 1.00 | 7,522 | CIRC | FILL PIPE AND CIRCULATE BOTTOMS UP, LOST CIRCULATION | | | | | |
| 10:30 | 12:00 | 1.50 | 7,522 | CASE | TIH WITH CASING FROM 5,812' TO 7,178' | | | | | |
| 12:00 | 13:00 | 1.00 | 7,522 | INSTAL | INSTALL ROTATING HEAD | | | | | |
| 13:00 | 13:30 | 0.50 | 7,522 | CASE | TIH WITH CASING FROM 7,178' TO 7,522', WASH LAST 40' DOWN | | | | | |
| 13:30 | 15:00 | 1.50 | 7,522 | CIRC | CIRCULATE CASING CAP AND RIG DOWN CASING CREW | | | | | |
| 15:00 | 15:30 | 0.50 | 7,522 | SAFETY | SAFETY MEETING WITH C&J CEMENTERS AND RIG UP CEMENT HEAD | | | | | |
| 15:30 | 19:00 | 3.50 | 7,522 | CMP | PUMP 10 BBLs FRESH WATER SPACER, 20 BBL WELEM GUM SPACER, PUMP 1,235 SACKS LEAD CEMENT, YIELD 2.49, BBLs 547, TAIL 600 SACKS, YIELD 1.27, 136 BBLs, DROP PLUG, DISPLACE WITH 567 BBLs FRESH WATER, BUMP PLUG @ 1,180 PSI AND PRESSURE UP TO 1,680, BLEED BACK 3 1/2 BBLs AND FLOATS HELD, NO CEMENT BACK AND ONLY ABOUT 10% RETURNS LAST 100 BBLs OF DISPLACEMENT | | | | | |
| 19:00 | 20:00 | 1.00 | 7,522 | RIGDC | RIG DOWN CEMENTERS AND FLUSH STACK, CHOKE AND FLOW LINE | | | | | |
| 20:00 | 23:00 | 3.00 | 7,522 | NDSTAC | NIPPLE DOWN STACK SET SLIPS WITH 267K MAKE ROUGH CUT LAY OUT SPACER SPOOL. | | | | | |
| 23:00 | 1:00 | 2.00 | 7,522 | BOPNU | MAKE FINAL CUT ON 9 5/8" CASING INSTALL B SEC TEST TO 2000 PSI FOR 15 MIN. | | | | | |
| 1:00 | 2:30 | 1.50 | 7,522 | BOPNU | NIPPLE UP SPACER SPOOL AND BOP AND CHOKE LINE. | | | | | |
| 2:30 | 6:00 | 3.50 | 7,522 | BOPT | TEST CHOKE MANIFOLD & LOWER PIPE RAMS UPPER PIPE RAMS BLIND RAMS 4" MANUAL VALVE & HCR VALVE TWO INCH KILL LINE VALVES AND CHECK VALVE ALL FLOOR VALVES AND STAND PIPE BACK TO PUMPS 250 LOW AND 5000, HIGH HYDRILL 250 LOW AND 3000 HIGH, TEST CASING TO 1500 FOR 30 MIN . | | | | | |
| 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 | 3,034.27 | 75,165.28 | 407,633.96 | 1,101,893.44 | 18.17 % | |
| Totals \$: | | | | 6,063,125.00 | 3,034.00 | 75,165.00 | 407,634.00 | 1,101,893.00 | 18.17 % | |
| Mud Consumables | | | | | | | | | | |
| Item Description | | | | Qty. | Cost | Item Description | | Qty. | Cost | |
| ENGINEER - EA | | | | 1 | 800.00 | ENGINEERing diem - EA | | 1 | 50.00 | |
| Solids Control Information | | | | | | | | | | |
| Screen Sizes: | Top | Middle 1 | Middle 2 | Bottom | | | | | | |
| Shaker No 1: | 200 | 200 | 200 | 200 | | | | | | |
| Shaker No 2: | 200 | 200 | 200 | 200 | | | | | | |
| Shaker No 3: | 200 | 200 | 200 | 200 | | | | | | |
| Shaker No 4: | 200 | 200 | 200 | 200 | | | | | | |
| Bulk Inventory | | | | | | | | | | |
| Item Type | | | | Units | Beginning | Used | Received | On Hand | Net | |
| Fuel | | | | GALS | 10,016 | 980 | 3,094 | 12,130 | 2,114 | |
| Office trailer generator | | | | GALS | 80 | 38 | 458 | 500 | 420 | |
| Mud | | | | GALS | 8,897 | | 1,155 | 10,052 | | |
| Safety Information | | | | | | | | | | |
| Meetings/Drills | | Time | | Description | | | | | | |
| Safety | | 30 | | RUN CASING & CEMENT NIPPLE DOWN BOP | | | | | | |
| First Aid Treatments: | | Medical Treatments: | | | Lost Time Incidents: | | Days Since LTI: | | 13 | |
| <input checked="" type="checkbox"/> BOP Test | | <input checked="" type="checkbox"/> Crownamatic Check | | | | | | | | |
| Weather Information | | | | | | | | | | |
| Sky Condition: CLEAR | | | | | Visibility: | | 10 | | | |
| Air Temperature: 72.00 degF | | | | | Bar. Pressure: | | 29 | | | |
| Wind Speed/Dir: / | | | | | Wind Gusts: | | | | | |



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: 16

Report For 06:00 AM 20-Jul-17

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 |
|------------------------------------|----------|