



Daily Completion 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: 55

Report For 06:00 AM 24-Oct-17

| | | | | | | | |
|----------------------|--------------------|-------------------------|--------------|---------------------------|--------------------|--------------------------|------------|
| Operator: | SEM OPERATING | Rig: | NON RIG WORK | Well Bore: | Original Well Bore | Daily Cost / Fluid (\$): | 22,228 / 0 |
| Measured Depth (ft): | 16531 | Completion Days (act.): | 23 | Casing Head Elev (ft/hr): | | AFE No. | AFE (\$) |
| Vertical Depth (ft): | 8160 | Completion Days (plan): | | Tubing Head Elev (ft/hr): | | 041717 | 6,063,125 |
| Plug Back MD (ft): | | Days On Location: | 52 | Orig RKB Elev(ft): | | | |
| Plug Back TVD (ft) | | Spud Date: | 22-May-17 | Last BOP Test: | 20-Jul-17 | Totals: | 6,063,125 |
| Last Casing: | 5.50 at 16,526 | | | Working Interest: | | Well Cost (\$): | 3,479,899 |
| Pers/Hrs: | Operator: 1 / 12.5 | Contractor: | 5 / 62.5 | Service: | 3 / 37.5 | Other: | 3 / 37.5 |
| | | | | | | Total: | 12 / 150 |

SafetySummary: No incidents or events reported. 0 day since LTI. Conducted Safety Meeting.

Current Operations: SDON

Planned Operations: RD SNUBBING UNIT, PUMP DOWN DUMMY RUN, PUMP DOWN CFP & GUNS

Wellsite Supervisors: STEPHEN ROBERTS

Tel No.:

Operations Summary

| From | To | Elapsed | End MD(ft) | Code | Operations Description | Non-Prod |
|-------|-------|---------|------------|--------|--|----------|
| 6:00 | 7:00 | 1.00 | 16,531 | WOD | WAIT ON DAYLIGHT | |
| 7:00 | 7:30 | 0.50 | 16,531 | SAFETY | TAILGATE SAFETY MEETING | |
| 7:30 | 8:00 | 0.50 | 16,531 | OTHER | PREP TO TIH | |
| 8:00 | 9:30 | 1.50 | 16,531 | TRPI | CONTINUE TIH W/ MILL BHA | |
| 9:30 | 10:30 | 1.00 | 16,531 | OTHER | STRING MILL @ 13,355' TIE BACK RIG, PU POWER SWIVEL AND 1 JT | |
| 10:30 | 11:00 | 0.50 | 16,531 | OTHER | BREAK CIRCULATION, PUMP 4.5 BPM @ 2500 PSI TUBING, GETTING RETURNS 4 BPM @ 700 PSI CSG. SLIDE DOWN TAG @ 13,381 W/ 3 PTS, PU TO 13,355' DID NOT SITCK, KICK IN SWIVEL LOWER DOWN TO 13,381 TORQUE INCREASED F/ 1300 NRP TO 1750 PSI, EASE DOWN SLOWLY 2 FT AND FELL OUT TO 1300 NRP. BACK REAM UP, CONTINUE SAME PROCEDURE FOR 20 MINUTES, PU TO 13,355 KICK OUT SWIVEL, SLIDE DOWN PAST 13,381 W/ SM NO DRAG , PU TO 13,355 KICK IN SWIVEL LOWER MILL DOWN TO 13,387 SWIVEL PRESSURE STEADY, PU NEXT JT, SLIDE DOWN TO 13418 W/ 4 1/2 SM, CALL IN FOR ORDERS, | |
| 11:00 | 12:30 | 1.50 | 16,531 | CIRC | CIRCULATE TO CLEAN UP WELL, RECOVERING METAL CHIPS IN RETURNS, CONTINUE CIRC TILL RETURNS CLEANED UP | |
| 12:30 | 13:00 | 0.50 | 16,531 | OTHER | LD SWIVEL | |
| 13:00 | 19:00 | 6.00 | 16,531 | TRPO | TOH W/ TUBING PULLING WET STRING USING MUD BUCKET, LS BHA | |
| 19:00 | 19:30 | 0.50 | 16,531 | OTHER | CLOSE IN FRAC VALVE,CLOSE IN BOP BLIND RAMS, SECURE WELLHEAD | |
| 19:30 | 6:00 | 10.50 | 16,531 | WOD | SDON WAIT ON DAYLIGHT | |

Management Summary

FIH W/ MILL BHA, TAG W/ 4 1/4 SM @ 13,381, POLISH OUT BAD SPOT, TOH W/ WS ,

Cost/AFE Information

| AFE No | AFE Description | AFE Amount | Daily Fluid | Well Fluid | Daily Total | Well Total | % Spent |
|--------|----------------------------------|--------------|-------------|------------|-------------|--------------|---------|
| 041717 | D & C a 7500' Lateral horizontal | 6,063,125.00 | 0.00 | 240,812.79 | 22,227.50 | 3,479,898.77 | 57.39 % |
| | Totals \$: | 6,063,125.00 | 0.00 | 240,813.00 | 22,228.00 | 3,479,899.00 | 57.39 % |

Casing/Tubular Information

| Type | Size (ins) | Top MD (ft) | Top TVD (ft) | Bottom MD (ft) | Bottom TVD (ft) | Nom. Wgt. (lbs) | Nominal Grade | LOT (lbs/gal) |
|------|------------|-------------|--------------|----------------|-----------------|-----------------|---------------|---------------|
| FULL | 13.38 | 0 | | 745 | | | | |
| FULL | 9.63 | 0 | 0 | 7,522 | 7,460 | 40.00 | J-55 | |
| FULL | 5.50 | 0 | 0 | 16,526 | 8,152 | 20.00 | HCP-110 | |

Bit/BHA/Workstring Information

BHA - No. 7 - BIT, MMTR, UBHO, 2 NMDC, XO = 99.05



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Perforation Information

Stage: 7 of 7

| Perforation Date | Type | Method | Top (ft) | Bottom (ft) | Length (ft) | Comments |
|------------------|-------|---------|----------|-------------|-------------|---|
| 15-Oct-17 22:05 | LARGE | WLINGUN | 15,185 | 15,186 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 22:04 | LARGE | WLINGUN | 15,203 | 15,204 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 22:03 | LARGE | WLINGUN | 15,221 | 15,222 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 22:02 | LARGE | WLINGUN | 15,239 | 15,240 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 22:01 | LARGE | WLINGUN | 15,257 | 15,258 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 22:00 | LARGE | WLINGUN | 15,275 | 15,276 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 21:59 | LARGE | WLINGUN | 15,293 | 15,294 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 21:58 | LARGE | WLINGUN | 15,311 | 15,312 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 21:57 | LARGE | WLINGUN | 15,329 | 15,330 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 21:56 | LARGE | WLINGUN | 15,347 | 15,348 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |

Stage: 6 of 7

| Perforation Date | Type | Method | Top (ft) | Bottom (ft) | Length (ft) | Comments |
|------------------|-------|---------|----------|-------------|-------------|---|
| 15-Oct-17 17:10 | LARGE | WLINGUN | 15,365 | 15,366 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 17:09 | LARGE | WLINGUN | 15,383 | 15,384 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 17:08 | LARGE | WLINGUN | 15,401 | 15,402 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 17:07 | LARGE | WLINGUN | 15,419 | 15,420 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 17:06 | LARGE | WLINGUN | 15,437 | 15,438 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 17:05 | LARGE | WLINGUN | 15,455 | 15,456 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 17:04 | LARGE | WLINGUN | 15,473 | 15,474 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 17:03 | LARGE | WLINGUN | 15,491 | 15,492 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 17:02 | LARGE | WLINGUN | 15,509 | 15,510 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 17:01 | LARGE | WLINGUN | 15,527 | 15,528 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |

Stage: 5 of 7

| Perforation Date | Type | Method | Top (ft) | Bottom (ft) | Length (ft) | Comments |
|------------------|-------|---------|----------|-------------|-------------|---|
| 15-Oct-17 12:20 | LARGE | WLINGUN | 15,707 | 15,708 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 12:20 | LARGE | WLINGUN | 15,689 | 15,690 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 12:20 | LARGE | WLINGUN | 15,671 | 15,672 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 12:20 | LARGE | WLINGUN | 15,653 | 15,654 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 12:20 | LARGE | WLINGUN | 15,633 | 15,634 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 12:20 | LARGE | WLINGUN | 15,617 | 15,618 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 12:20 | LARGE | WLINGUN | 15,599 | 15,600 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 12:20 | LARGE | WLINGUN | 15,581 | 15,582 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 12:20 | LARGE | WLINGUN | 15,563 | 15,564 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 12:20 | LARGE | WLINGUN | 15,545 | 15,546 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |

Stage: 4 of 7

| Perforation Date | Type | Method | Top (ft) | Bottom (ft) | Length (ft) | Comments |
|------------------|-------|---------|----------|-------------|-------------|---|
| 15-Oct-17 07:30 | LARGE | WLINGUN | 15,887 | 15,888 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 07:30 | LARGE | WLINGUN | 15,869 | 15,870 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 07:30 | LARGE | WLINGUN | 15,851 | 15,852 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 07:30 | LARGE | WLINGUN | 15,833 | 15,834 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 07:30 | LARGE | WLINGUN | 15,815 | 15,816 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 07:30 | LARGE | WLINGUN | 15,797 | 15,798 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 07:30 | LARGE | WLINGUN | 15,779 | 15,780 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 07:30 | LARGE | WLINGUN | 15,761 | 15,762 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 07:30 | LARGE | WLINGUN | 15,743 | 15,744 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 15-Oct-17 07:30 | LARGE | WLINGUN | 15,730 | 15,731 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |



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Perforation Information

Stage: 3 of 7

| Perforation Date | Type | Method | Top (ft) | Bottom (ft) | Length (ft) | Comments |
|------------------|-------|---------|----------|-------------|-------------|---|
| 14-Oct-17 22:05 | LARGE | WLINGUN | 15,908 | 15,909 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 22:04 | LARGE | WLINGUN | 15,923 | 15,924 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 22:03 | LARGE | WLINGUN | 15,941 | 15,942 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 22:02 | LARGE | WLINGUN | 15,959 | 15,960 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 22:01 | LARGE | WLINGUN | 15,977 | 15,978 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 22:00 | LARGE | WLINGUN | 15,992 | 15,993 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 21:59 | LARGE | WLINGUN | 16,013 | 16,014 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 21:58 | LARGE | WLINGUN | 16,031 | 16,032 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 21:57 | LARGE | WLINGUN | 16,049 | 16,050 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 21:56 | LARGE | WLINGUN | 16,067 | 16,068 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |

Stage: 2 of 7

| Perforation Date | Type | Method | Top (ft) | Bottom (ft) | Length (ft) | Comments |
|------------------|-------|---------|----------|-------------|-------------|---|
| 14-Oct-17 02:10 | LARGE | WLINGUN | 16,085 | 16,086 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 02:09 | LARGE | WLINGUN | 16,103 | 16,104 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 02:08 | LARGE | WLINGUN | 16,121 | 16,122 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 02:07 | LARGE | WLINGUN | 16,139 | 16,140 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 02:06 | LARGE | WLINGUN | 16,157 | 16,158 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 02:05 | LARGE | WLINGUN | 16,175 | 16,176 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 02:04 | LARGE | WLINGUN | 16,193 | 16,194 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 02:03 | LARGE | WLINGUN | 16,211 | 16,212 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 02:02 | LARGE | WLINGUN | 16,229 | 16,230 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 14-Oct-17 02:01 | LARGE | WLINGUN | 16,247 | 16,248 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |

Stage: 1 of 7

| Perforation Date | Type | Method | Top (ft) | Bottom (ft) | Length (ft) | Comments |
|------------------|-------|---------|----------|-------------|-------------|---|
| 13-Oct-17 15:30 | LARGE | WLINGUN | 16,427 | 16,428 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 13-Oct-17 15:30 | LARGE | WLINGUN | 16,409 | 16,410 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 13-Oct-17 15:30 | LARGE | WLINGUN | 16,391 | 16,392 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 13-Oct-17 15:30 | LARGE | WLINGUN | 16,373 | 16,374 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 13-Oct-17 15:30 | LARGE | WLINGUN | 16,355 | 16,356 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 13-Oct-17 15:30 | LARGE | WLINGUN | 16,337 | 16,338 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 13-Oct-17 15:30 | LARGE | WLINGUN | 16,319 | 16,320 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 13-Oct-17 15:30 | LARGE | WLINGUN | 16,301 | 16,302 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 13-Oct-17 15:30 | LARGE | WLINGUN | 16,283 | 16,284 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |
| 13-Oct-17 15:30 | LARGE | WLINGUN | 16,265 | 16,266 | 1 | 3 1/8"; 4 SPF 90 DEG PHASED; 0.42" EH ... |

Rig Information

Equipment Problems:

Location Condition:

Transport:

Safety Information

| Meetings/Drills | Time | Description |
|-----------------------------------|--|--|
| Safety | 30 | WORKING SNUBBING UNIT BASKET TIGHT SPACE, POWER SWIVEL, NO HANDS ON FLOOR DURING MILLING OPS |
| First Aid Treatments: | | Medical Treatments: |
| Lost Time Incidents: | | Days Since LTI: |
| <input type="checkbox"/> BOP Test | <input type="checkbox"/> Crownamatic Check | |

Weather Information

| | | | |
|------------------|------------|----------------|-------|
| Sky Condition: | CLEAR | Visibility: | 10 |
| Air Temperature: | 70.00 degF | Bar. Pressure: | 30.45 |
| Wind Speed/Dir: | 9 / NNE | Wind Gusts: | 0 |