



PERMIAN RESOURCES, LLC UL Daily Drilling Partner Summary

UNIVERSITY 11 RE 936HS PRES WELL NO. 154

Report End Date: 5/22/2017
Report Number: 20
Rig: UNIT, 407
Projected Days (days): 19
Drilling Days: 14
End MD (ftKB): 13,592
Depth Progress (ft): 190
Planned VS (ft): 11,102
Current VS (ft): 7,004
AFE Number: 1550416

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|-----------------------|---|---------------------------|------------------------------|---------------------------|-------------------|------------------|----------------|
| API 42383398350000 | Surface Legal Location UL SURVEY, A-U251, BLOCK 11, SECT 9 | Latitude 31.2138700000 | Longitude -101.5024500000 | Orig KB El... 2,687.00 | RKB (ft) 21.00 | County REAGAN | State TEXAS |
|-----------------------|---|---------------------------|------------------------------|---------------------------|-------------------|------------------|----------------|

Report Summary

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|-----------------------------|------------------|------------------|-----------------------------------|------------------------------|
| Well Spud Date 3/26/2017 | Total Depth Date | Rig Release Date | Target Formation WFMPA1_141_SH | Proposed TD (ftKB) 17,549 |
|-----------------------------|------------------|------------------|-----------------------------------|------------------------------|

Status at Report Time
TRIPPING IN HOLE AT 1,600 ft

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| Operations Summary RELOGGED FROM 13,275 ft TO 13,402 ft, ROTATE/SLIDE FROM 13,402 ft TO 13,592 ft, (192 ft AT 64 fph), HOLE GOT TIGHT, CIRCULATE INCREASE MUD WEIGHT, ON BOTTOMS UP GOT RUBBER BACK, MIX SLUG, MOTOR FAILURE, POOH FOR MOTOR TO 5,946 ft, SERVICE RIG, C/O DIES ON TOP DRIVE, T.O.H. TO BHA, LEFT 3.72 ft OF MOTOR IN HOLE AND BIT, L/D MOTOR, SLIP AND CUT 95 ft DRILL LINE, L/D BHA # 4, P/U SMITH FH 28 8 3/4 BIT, BIT SUB X-O, T.I.H. T/ 1,600 ft LAST SURVEY: DEPTH- 13,542 INC- 85.8°, AZ- 180.5, TVD- 7003.83, VS: 7033.70, ABOVE: 0', RIGHT 11', TEMP 151° MW- 9.4, VIS 53 NEXT WELL: RCR RE 1 180 07HA | Planned Operations T.I.H. TO TOP OF FISH, CIRC AND COND, T.O.H. , |
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|---------------------------|-------------------------|----------------------------|----------------------------|-------------------------|
| Start MD (ftKB) 13,402 | End MD (ftKB) 13,592 | Depth Progress (ft) 190 | Drilling Time (hr) 3.00 | Avg ROP (ft/hr) 63.3 |
|---------------------------|-------------------------|----------------------------|----------------------------|-------------------------|

Time Log

| Start Time | End Time | Dur (hr) | Start Depth (ftKB) | End Depth (ftKB) | Comments | Hole Section | Interval | Category | Activity | NPT |
|------------|----------|----------|--------------------|------------------|--|--------------|----------|----------|-----------------------|-----|
| 05:00 | 06:00 | 1.00 | 13,402 | 13,402 | RELOG FROM 13,275 ft TO 13,402 ft. | PROD | LAT | DRILL | REAMING | Yes |
| 06:00 | 09:00 | 3.00 | 13,402 | 13,592 | ROTATE/SLIDE DRILL FROM 13,402 ft. TO 13,592 ft AT 64 fph ROTATE DRILL: 165 ft IN 2 hrs. AT 82.5 fph AVERAGE ROP. SLIDE DRILL: 25 ft. IN 1 hrs. AT 25 fph AVERAGE ROP. ROTATE 86%, SLIDE 14% (FULL RETURNS) | PROD | LAT | DRILL | DRILL W/ MUD | No |
| 09:00 | 12:00 | 3.00 | 13,592 | 13,592 | HOLE GOT TIGHT TRYING TO SLIDE, CIRCULATE, RAISE MUD WEIGHT FROM 9.3 ppg TO 9.4 ppg. ON BOTTOMS UP GOT RUBBER BACK FROM MOTOR, TRIED TO DRILL, MOTOR WAS PRESSURING UP, BUILD SLUG. | PROD | LAT | DRILL | COND MUD & CIRC | Yes |
| 12:00 | 17:30 | 5.50 | 13,592 | 13,592 | POOH FOR MOTOR FAILURE TO 5,946 ft | PROD | LAT | DRILL | TRIPS | Yes |
| 17:30 | 18:30 | 1.00 | 13,592 | 13,592 | SERVICE RIG C/O DIES ON TOP DRIVE | PROD | LAT | DRILL | LUBRICATE RIG | Yes |
| 18:30 | 23:00 | 4.50 | 13,592 | 13,592 | TRIP OUT OF HOLE TO BHA | PROD | LAT | DRILL | TRIPS | Yes |
| 23:00 | 00:30 | 1.50 | 13,592 | 13,592 | L/D MOTOR, LEFT 3.72 ft OF MOTOR AND BIT IN HOLE MOTOR LENGHT OUT OF HOLE 22.20 ft | PROD | LAT | DRILL | P/U & L/D BHA | Yes |
| 00:30 | 02:00 | 1.50 | 13,592 | 13,592 | SLIP AND CUT 95 ft DRILL LINE | PROD | LAT | DRILL | CUT SLIP & DRILL LINE | Yes |
| 02:00 | 03:30 | 1.50 | 13,592 | 13,592 | L/D X-O, 2- NMDC'S, UBHO SUB, P/U SMITH FH 28 8 3/4 BIT (SERIAL RJ1274, BIT SUB, X-O | PROD | LAT | DRILL | P/U & L/D BHA | Yes |
| 03:30 | 05:00 | 1.50 | 13,592 | 13,592 | T.I.H. T/ 1,600 ft | PROD | LAT | DRILL | TRIPS | Yes |