

WELL: UL G 9-46 Unit #2H

Elevation Resources LLC

DAILY OPERATIONS

FIELD: Wildcat
COUNTY/STATE: Andrews/TX
PMD:
PVD:
SURFACE LOCATION: Sec 46 Blk 9 ULS; 2130' FNL & 1150' FEL
BOTTOM HOLE LOCATION: Sec 34 Blk 9 ULS; 800' FSL & 1150' FEL
ELEVATION (RKB):
API #: 42-003-47478
PERMIT NUMBER:
SPUD DATE & TIME: Mar 12 2017
DAYS FROM SPUD: 79
DAYS ON LOCATION: 14
WELL ENGINEER: Mark Solari
OBJECTIVE: Complete 8000' lateral
JOB NAME: UL G 9-46 Unit 2H
CONTRACTOR/RIG#: /

CONFIDENTIAL

May 30 2017 RIG SUPERVISOR: Rocky Vines
PRESENT OPERATIONS: Frac stage 23 of 44

- Plug and Perf Stage 24 of 44. RIH with wireline BHA consisting of Connex "Frac Plane Phasing" 6 spf, 42 Total Shots and Boss Hoggs 3.75" Frac Plug. Pumped 118 bbls of treated fresh water with a max operating pressure of 5750 psi @ 11 bpm for pump down. Encountered an xx lb plug set differential with the plug set @ 14459 ft TMD. Perfs at 14448-14449 ft, 14422-14423 ft, 14396-14397 ft, 14370-14371 ft, 14340-14341 ft, 14318-14319 ft, 14292-14293 ft. All shots fired POOH; Universal repairing grease pump that supplies grease to the fluid pumps.;- Stage 24 of 44 Frac: SICP: 2916 psi, Breakdown psi, while pumping 10 bpm while on acid. Pumped: Total 15% HCL Acid: 95 bbls. Load to recover for this stage: 9,808 bbls. Total 100 Mesh: 85,111 lbs, Total 40/70 White: 244,133 lbs, Total 40/70 Hexion Black Ultra RCS: 64,442 lbs. Proppant pumped this stage: 393,686 lbs. ISIP 5506 psi, with a Frac Gradient of 0.96 psi/ft. Qavg: 69.5 bpm, Qmax: 69.9 bpm, Pmax: 7921 psi, Pavg: 6539 psi, 5 min SICP: 3747 psi.;- Plug and Perf Stage 25 of 44. RIH with wireline BHA consisting of Connex "Frac Plane Phasing" 6 spf, 42 Total Shots and Boss Hoggs 3.75" Frac Plug. Pumped 107 bbls of treated fresh water with a max operating pressure of 5070 psi @ 11 bpm for pump down. Encountered an 400 lb plug set differential with the plug set @ 14277 ft TMD. Perfs at 14266-14267 ft, 14240-14241 ft, 14218-14219 ft. The 4th gun showed a short. POOH to rearm.; Perf Stage 25 of 44, 2nd run: RIH with wireline BHA consisting of Connex "Frac Plane Phasing" 6 spf, 14188-14189 ft, 14162-14163 ft, 14136-14137 ft, 14110-14111 ft. All shots fired POOH;- Stage 25 of 44 Frac: SICP: 2895 psi, Breakdown 5790 psi, while pumping 10 bpm while on acid. Pumped: Total 15% HCL Acid: 95 bbls. Load to recover for this stage: 9,613 bbls. Total 100 Mesh: 84,291 lbs, Total 40/70 White: 243,143 lbs, Total 40/70 Hexion Black Ultra RCS: 63,912 lbs. Proppant pumped this stage: 391,346 lbs. ISIP 5601 psi, with a Frac Gradient of 0.97 psi/ft. Qavg: 70.2 bpm, Qmax: 70.4 bpm, Pmax: 7936 psi, Pavg: 6559 psi, 5 min SICP: 3703 psi.;- Plug and Perf Stage 26 of 44. RIH with wireline BHA consisting of Connex "Frac Plane Phasing" 6 spf, 42 Total Shots and Boss Hoggs 3.75" Frac Plug. Pumped 120 bbls of treated fresh water with a max operating pressure of 5055 psi @ 11 bpm for pump down. Encountered an 300 lb plug set differential with the plug set @ 14095 ft TMD. Perfs at 13928-13929 ft, 13950-13951 ft, 13980-13981 ft, 14006-14007 ft, 14032-14033 ft, 14058-14059 ft, 14078-14079. All shots fired POOH;- Stage 26 of 44 Frac: SICP: 2748 psi, Breakdown 5695 psi, while pumping 12 bpm while on acid. Pumped: Total 15% HCL Acid: 95 bbls. Load to recover for this stage: 9068 bbls. Total 100 Mesh: 89218 lbs, Total 40/70 White: 247824 lbs, Total 40/70 Hexion Black Ultra RCS: 65246 lbs. Proppant pumped this stage: 402288 lbs. ISIP 4363 psi, with a Frac Gradient of 0.85 psi/ft. Qavg: 70 bpm, Qmax: 71 bpm, Pmax: 7683 psi, Pavg: 6332 psi, 5 min SICP: 3347 psi.;- Plug and Perf Stage 27 of 44. RIH with wireline BHA consisting of Connex "Frac Plane Phasing" 6 spf, 42 Total Shots and Boss Hoggs 3.75" Frac Plug. Pumped 108 bbls of treated fresh water with a max operating pressure of 4530 psi @ 11 bpm for pump down. Encountered an 200 lb plug set differential with the plug set @ 13913 ft TMD. Perfs at 13746-13747 ft, 13770-13771 ft, 13798-13799 ft, 13824-13825 ft, 13850-13851 ft, 13876-13877 ft, 13902-13903. All shots fired POOH;- Stage 27 of 44 Frac: SICP: 2624 psi, Breakdown 5695 psi, while pumping 12 bpm while on acid. Pumped: Total 15% HCL Acid: 96 bbls. Load to recover for this stage: 8829 bbls. Total 100 Mesh: 85040 lbs, Total 40/70 White: 247340 lbs, Total 40/70 Hexion Black Ultra RCS: 67340 lbs. Proppant pumped this stage: 399720 lbs. ISIP 4310 psi, with a Frac Gradient of 0.85 psi/ft. Qavg: 70 bpm, Qmax: 71 bpm, Pmax: 7647 psi, Pavg: 6326 psi, 5 min SICP: 3440 psi.;- Plug and Perf Stage 28 of 44. RIH with wireline BHA consisting of Connex "Frac Plane Phasing" 6 spf, 42 Total Shots and Boss Hoggs 3.75" Frac Plug. Pumped 110 bbls of treated fresh water with a max operating pressure of 5100 psi @ 10 bpm for pump down. Encountered an 350 lb plug set differential with the plug set @ 13726 ft TMD. Perfs at 13568-13569 ft, 13590-13591 ft, 13616-13617 ft, 13642-13643 ft, 13668-13669 ft, 13694-13695 ft, 13710-13711 ft. All shots fired POOH; Frac Stage 28 of 44 in progress @ TOR.

ACTIVITY PLANNED: Plug Perf and Frac Multi Stage Ops