

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: 78  
 DAYS ON LOCATION: 13  
 WELL ENGINEER: Mark Solari  
 OBJECTIVE: Complete 8000' lateral  
 JOB NAME: UL G 9-46 Unit 2H  
 CONTRACTOR/RIG#: /

**CONFIDENTIAL**

May 29 2017 RIG SUPERVISOR: Rocky Vines  
 PRESENT OPERATIONS: Frac Stage 19 of 44

- Stage 19 of 44 Frac: SICP: 2818 psi, Breakdown 6263 psi, while pumping 12 bpm while on acid. Pumped: Total 15% HCL Acid: 95 bbls. Load to recover for this stage: 10,634 bbls. Total 100 Mesh: 85,220 lbs, Total 40/70 White: 247,500 lbs, Total 40/70 Hexion Black Ultra RCS: 66,440 lbs. Proppant pumped this stage: 399,160 lbs. ISIP 5535 psi, with a Frac Gradient of 0.96 psi/ft. Qavg: 60.4 bpm, Qmax: 60.8 bpm, Pmax: 7612 psi, Pavg: 6763 psi, 5 min SICP: 4063 psi.;- Plug and Perf Stage 20 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 155 bbls of treated fresh water with a max operating pressure of 5660 psi @ 11 bpm for pump down. Encountered an 250 lb plug set differential with the plug set @ 15185 ft TMD. Perfs at 15172-15173 ft, 15150-15151 ft, 15124-15125 ft, 15096-15097 ft, 15072-15073 ft, 15046-15047 ft, 15020-15021 ft. All shots fired POOH;- Stage 20 of 44 Frac: SICP: 2947 psi, Breakdown 5588 psi, while pumping 11 bpm while on acid. Pumped: Total 15% HCL Acid: 95 bbls. Load to recover for this stage: 10,024 bbls. Total 100 Mesh: 85,122 lbs, Total 40/70 White: 246,550 lbs, Total 40/70 Hexion Black Ultra RCS: 66,370 lbs. Proppant pumped this stage: 398,042 lbs. ISIP 5551 psi, with a Frac Gradient of 0.96 psi/ft. Qavg: 66.7 bpm, Qmax: 67.6 bpm, Pmax: 7931 psi, Pavg: 6832 psi, 5 min SICP: 4063 psi.;- Plug and Perf Stage 21 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 131 bbls of treated fresh water with a max operating pressure of 5550 psi @ 11 bpm for pump down. Encountered an 250 lb plug set differential with the plug set @ 15005 ft TMD. Perfs at 14994-14995 ft, 14971-14972 ft, 14942-14943 ft, 14916-14917 ft, 14890-14891 ft, 14864-14865 ft, 14838-14834 ft. All shots fired POOH;Stuarts greasing the wellhead.;- Stage 21 of 44 Frac: SICP: 3026 psi, Breakdown 5459 psi, while pumping 11 bpm while on acid. Pumped: Total 15% HCL Acid: 95 bbls. Load to recover for this stage: 10084 bbls. Total 100 Mesh: 84,126 lbs, Total 40/70 White: 245,590 lbs, Total 40/70 Hexion Black Ultra RCS: 65,970 lbs. Proppant pumped this stage: 395,686 lbs. ISIP 4528 psi, with a Frac Gradient of 0.87 psi/ft. Qavg: 68 bpm, Qmax: 69 bpm, Pmax: 7747 psi, Pavg: 6672 psi, 5 min SICP: 3603 psi.;- Plug and Perf Stage 22 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 134 bbls of treated fresh water with a max operating pressure of 4500 psi @ 11 bpm for pump down. Encountered an 500 lb plug set differential with the plug set @ 14823 ft TMD. Perfs at 14660-14661 ft, 14682-14683 ft, 14708-14709 ft, 14734-14735 ft, 14760-14761 ft, 14786-14787 ft, 14812-14813 ft. All shots fired POOH;UPP repairing leaks and pressure testing.;- Stage 22 of 44 Frac: SICP: 2837 psi, Breakdown 5908 psi, while pumping 12 bpm while on acid. Pumped: Total 15% HCL Acid: 95 bbls. Load to recover for this stage: 9321 bbls. Total 100 Mesh: 84552 lbs, Total 40/70 White: 247000 lbs, Total 40/70 Hexion Black Ultra RCS: 67160 lbs. Proppant pumped this stage: 398712 lbs. ISIP 4949 psi, with a Frac Gradient of 0.91 psi/ft. Qavg: 70 bpm, Qmax: 71 bpm, Pmax: 7612 psi, Pavg: 6602 psi, 5 min SICP: 3707 psi.;- Plug and Perf Stage 23 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 149 bbls of treated fresh water with a max operating pressure of 5300 psi @ 11 bpm for pump down. Encountered an 400 lb plug set differential with the plug set @ 14641 ft TMD. Perfs at 14474-14475 ft, 14500-14501 ft, 14526-14527 ft, 14552-14553 ft, 14578-14579 ft, 14604-14605 ft, 14630-14631 ft. All shots fired POOH;- Stage 23 of 44 Frac: SICP: 2945 psi, Breakdown 5908 psi, while pumping 12 bpm while on acid. Pumped: Total 15% HCL Acid: 95 bbls. Load to recover for this stage: 9150 bbls. Total 100 Mesh: 85200 lbs, Total 40/70 White: 245700 lbs, Total 40/70 Hexion Black Ultra RCS: 63020 lbs. Proppant pumped this stage: 393020 lbs. ISIP 4575 psi, with a Frac Gradient of 0.87 psi/ft. Qavg: 70 bpm, Qmax: 71 bpm, Pmax: 7763 psi, Pavg: 6716 psi, 5 min SICP: 3749 psi.

ACTIVITY PLANNED: Plug and Perf, Frac Multi Stage Ops