



Country: USA
State: TEXAS
Field: SALT DRAW
Supervisors: W.NELSON / B. HEBERT / D. OWENS / K. FOWL
Engineer/Manager: MAHONEY, PETER / GRUBB, ALLEN

Report Number: 025
Report Date: 08/19/2017
Spud Date: 04/26/2017
Release Date:
DOE: 65 DOL: 26 AFE Days: 6.00
Last BOP T.: CSG Test:

****Data shared on this report is CONFIDENTIAL****

Event: COMPLETION LAND
Safety Meeting Topic:

Location: Lat: 31° 1' 48.10297 N
Long: 101° 5' 0.01458 W

API #: 4210542362
Rig:
Rig Phone:
KB(ft): 2,649.01
POB: 78 Manhours: 312.00

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|-------------------|--|
| Current Activity: | FRAC STG 34. |
| 24 Hr Summary: | FRAC STG # 31, 32, 33 WL STG # 32, 33, 34 |
| 24 Hr Forecast: | CONTINUE FRAC OPS |

OPERATION DETAILS

| FROM | TO | HRS | OP CODE | PHASE | CODE | ACTIVITY | DESCRIPTION |
|-------|-------|------|---------|-------|------|----------|---|
| 06:00 | 07:17 | 1.28 | P | STG31 | 35 | STIM | FRAC STAGE 31: SICP: 2,005. PUMP 31 BBLS 15% HCL. FRW PAD 299,332 LBS 100 MESH @ .50 - 2.00 PPG. FRW FLUSH. 190 BBLS VISCOSIFIED 15% HCL. 100,671 LBS 40/70 @ 1.00 - 2.00 PPG. FRW FLUSH + 15 BBLS. ISIP: 2,896 PSI. FG: 0.86 PSI/FT. ATP: 5,499 PSI. ATR: 82.9 BPM. MTP: 7,583 PSI. MTR: 95.7 BPM. LTR: 8,174 BBLS CLEAN WATER. 3,042 BBLS PRODUCED WATER. PUMPS IN LINE: 16 LOST: 0 STANDBY: 0. |
| 07:17 | 08:25 | 1.13 | P | STG32 | 21 | PERF | W/L STAGE 32. PT 8,500 PSI. RIH W/ HALLIBURTON 5.5" CFP, 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,074'. PUMP DOWN TO SET CFP @ 8383'. PU & PERF ON THE FLY AT 8203' - 8369'. PUMPED 109 BBLS. ALL SHOTS FIRED. POOH. |
| 08:25 | 10:58 | 2.55 | P | STG32 | 73 | WOOWO | WOOWO |
| 10:58 | 14:45 | 3.78 | N | STG32 | 18 | OTHR | WAITING ON ACID |
| 14:45 | 16:32 | 1.78 | P | STG32 | 35 | STIM | FRAC STAGE 32: SICP: 2,002. PUMP 31 BBLS 15% HCL. FRW PAD 299,336 LBS 100 MESH @ .50 - 2.00 PPG. FRW FLUSH. 188 BBLS VISCOSIFIED 15% HCL. 100,663 LBS 40/70 @ 1.00 - 2.00 PPG. FRW FLUSH + 15 BBLS. ISIP: 3,141 PSI. FG: 0.86 PSI/FT. ATR: 82.2 BPM. MTR: 96.4 PSI. ATP: 5,282 BPM. MTP: 6,896 PSI. LTR: 8,246 BBLS CLEAN WATER. 2,683 BBLS PRODUCED WATER. PUMPS IN LINE: 17 LOST: 0 STANDBY: 0 |
| 16:32 | 17:45 | 1.22 | P | STG33 | 21 | PERF | W/L STAGE 33. PT 8,500 PSI. RIH W/ HALLIBURTON 5.5" CFP, 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,074'. PUMP DOWN TO SET CFP @ 8,185'. PU & PERF ON THE FLY AT 8,005' - 8,171'. PUMPED 99 BBLS. ALL SHOTS FIRED. POOH. |
| 17:45 | 22:48 | 5.05 | P | STG33 | 73 | WOOWO | WOOWO. |
| 22:48 | 00:34 | 1.77 | P | STG33 | 35 | STIM | FRAC STAGE 33: SICP: 2,154. PUMP 31 BBLS 15% HCL. FRW PAD 299,322 LBS 100 MESH @ .50 - 2.00 PPG. FRW FLUSH. 188 BBLS VISCOSIFIED 15% HCL. 100,684 LBS 40/70 @ 1.00 - 2.00 PPG. FRW FLUSH + 15 BBLS. ISIP: 3,231 PSI. FG: 0.91 PSI/FT. ATR: 83.3 BPM. MTR: 96.7 PSI. ATP: 5,463 BPM. MTP: 7,129 PSI. LTR: 7,982 BBLS CLEAN WATER. 2,755 BBLS PRODUCED WATER. PUMPS IN LINE: 17 LOST: 0 STANDBY: 0 |
| 00:34 | 00:45 | 0.18 | P | STG34 | 24 | PULD | PU PLUG & GUN ASSY (AS PER PROD). |
| 00:45 | 01:47 | 1.03 | P | STG34 | 21 | PERF | W/L STAGE 34. PT 8,500 PSI. RIH W/ HALLIBURTON 5.5" CFP, 8 - 1' x 3 1/8" HSC LOADED 6 SPF, 60 DEG, 23 GR CHARGES, 48 SHOTS. CORRELATE W/ MARKER JT AT 6,074'. PUMP DOWN TO SET CFP @ 7,990'. PU & PERF ON THE FLY AT 7,807' - 7,973'. PUMPED 94 BBLS. ALL SHOTS FIRED. POOH. |
| 01:47 | 04:18 | 2.52 | P | STG34 | 73 | WOOWO | WOOWO. |
| 04:18 | 05:20 | 1.03 | N | STG34 | 18 | OTHR | TIGHTEN PACKING NUTS & ADAPTOR BOLTS. |
| 05:20 | 06:00 | 0.67 | P | STG34 | 35 | STIM | FRAC STAGE 34 IN PROGRESS. |

Daily Operations Comments:

| CASING | | | FLUIDS | COMPLETION STRING DETAILS | | | | |
|----------|-----------------|----------|----------------------|---------------------------|-------------|-----------|----|---------|
| Size(in) | MD(ft)/TVD(ft) | LOT(ppg) | Fluids Co: | Down Hole Tool Co: | | Tool Sup: | | |
| 14.000 | 70.00 / 70.00 | | Fluids Eng: | Qty | Description | ID | OD | Top Set |
| 9.625 | 933.02 / 933.02 | | Pit Temp: | | | | | |
| | | | Density: | | | | | |
| | | | Brine Type: | | | | | |
| | | | Gel Type: | | | | | |
| | | | Viscosity: | | | | | |
| | | | Nitrogen: | | | | | |
| | | | NTU: | | | | | |
| | | | FLOWBACK | | | | | |
| | | | Gas Rate: | | | | | |
| | | | Choke Size: | | | | | |
| | | | Avg. Tbg. Press: | | | | | |
| | | | Avg. Csg. Press: | | | | | |
| | | | Fluid Rate (Water): | | | | | |
| | | | Fluid Rate (Oil): | | | | | |
| | | | Tot. Load Recovered: | | | | | |

PERFORATIONS

| Date | Stage | Top | Bottom | SPF(ft) | FG/BHP(ft) | Separation Method | Comments |
|------|-------|-----|--------|---------|------------|-------------------|----------|
| | | | | | | | |