

SABLE PERMIAN RESOURCES, LLC
Daily Completion Partner Report

Report Date 10/22/2017
AFE # 1550467
Total AFE 4,547,178

UNIVERSITY 11 RE 931HS
WELL NO. 155

| | | | | | | | | | | | | | | | | | | | |
|--|----------------|---|---------------------------|---|-------------------|--|---------------------------------------|---|-----|---|--|---|--|--|--|---------------|--|-------------------------------------|--|
| API 42383398300000 | State TEXAS | County REAGAN | Well Config HORIZONTAL | Ground Elevation (ft) 2,666.00 | RKB (ft) 21.00 | Well Status COMPLETION | Well Sub-Status COMPLETING | Completion Date | | | | | | | | | | | |
| Job Information | | | | | | | | | | | | | | | | | | | |
| Job Category COMPLETION | | Primary Job Type COMPLETION - ORIGINAL | | Secondary Job Type | | | Start Date 9/18/2017 | End Date | | | | | | | | | | | |
| AFE Number 1550467 | | Supplemental AFE Number | | Daily Field Est (Cost) 157,648 | | | Cum Field Est (Cost) 3,473,149 | | | | | | | | | | | | |
| Number of Stages (ft) 47 | | Lateral Length (ft) 9,865 | | Time Since LTI (days) | | | Time Since Reportable Incident (days) | | | | | | | | | | | | |
| Daily Contacts | | | | | | | | | | | | | | | | | | | |
| Contacts COMP ENG, CORLEY WALTERS, ; COMP SUPT, BEN MCCORMICK, ; CSV, MICAH FALGOUT, ; CSV, TIM MILAM, ; CSV, PHILLIP ROSSI, ; CSV, CHRIS COBB, ; COMP ENG, LUCAS MOSS, | | | | | | | | | | | | | | | | | | | |
| Daily Operations | | | | | | | | | | | | | | | | | | | |
| Operations Summary 0 EHS: 11 hrs NPT due to waiting on sand, greasing zipper/stacks and Waiting on replacement WL unit: P/P Stage 37 of 47, Frac Stage 36 - 37 of 47. Waiting on replacement WL unit at time of report. | | | | | | | | | | | | | | | | | | | |
| Planned Operations Waiting on replacement WL unit | | | | | | | | | | | | | | | | | | | |
| Time Log | | | | | | | | | | | | | | | | | | | |
| Start Time | End Time | Dur (hr) | Cum Dur (hr) | Activity | Inactive? | Comments | | Unschd Type | NPT | | | | | | | | | | |
| 06:00 | 06:45 | 0.75 | 0.75 | GENERAL OPERATIONS | No | HAL offloading sand | | | Yes | | | | | | | | | | |
| 06:45 | 08:45 | 2.00 | 2.75 | GENERAL OPERATIONS | No | Grease zipper manifold & frac stack | | | Yes | | | | | | | | | | |
| 08:45 | 10:00 | 1.25 | 4.00 | FRAC. JOB | No | Frac Stage 36 | | | No | | | | | | | | | | |
| 10:00 | 10:15 | 0.25 | 4.25 | GENERAL OPERATIONS | No | Swap to WL | | | No | | | | | | | | | | |
| 10:15 | 11:45 | 1.50 | 5.75 | PERFORATING | No | P/P stage 37 | | | No | | | | | | | | | | |
| 11:45 | 15:15 | 3.50 | 9.25 | STANDBY | No | Standby for SIM ops, Frac and WL on Adjacent wells | | | No | | | | | | | | | | |
| 15:15 | 15:30 | 0.25 | 9.50 | GENERAL OPERATIONS | No | Swap to Frac | | | No | | | | | | | | | | |
| 15:30 | 16:15 | 0.75 | 10.25 | STANDBY | No | Wait on sand | | | Yes | | | | | | | | | | |
| 16:15 | 18:00 | 1.75 | 12.00 | FRAC. JOB | No | Frac Stage 37 | | | No | | | | | | | | | | |
| 18:00 | 19:15 | 1.25 | 13.25 | STANDBY | No | Wait on sand | | | No | | | | | | | | | | |
| 19:15 | 22:30 | 3.25 | 16.50 | STANDBY | No | Standby for SIM ops, Frac ops on Adjacent wells | | | No | | | | | | | | | | |
| 22:30 | 06:00 | 7.50 | 24.00 | DOWNTIME | No | Waiting for replacement WL unit | | | Yes | | | | | | | | | | |
| NPT | | | | | | | | | | | | | | | | | | | |
| Type | | Subtype | | Des | | Start Date | | End Date | | Failed Item | | Accountable Party | | Dur (Net) (hr) | | | | | |
| MATERIALS | | PROPPANT | | Waiting for sand | | 10/21/2017 05:30 | | 10/21/2017 07:00 | | | | HALLIBURTON | | 1.50 | | | | | |
| MATERIALS | | PROPPANT | | Waiting for sand | | 10/21/2017 15:30 | | 10/21/2017 16:15 | | | | HALLIBURTON | | 0.75 | | | | | |
| | | | | Waiting for replacement WL unit | | 10/21/2017 22:30 | | 10/22/2017 06:00 | | | | | | 7.50 | | | | | |
| Safety Checks | | | | | | | | | | | | | | | | | | | |
| Time | | Type | | | | Inspected By | | | | Description | | | | | | | | | |
| 06:00 | | SAFETY MEETING | | | | Crew | | | | Standing water on loc, chemical area & eye wash station check | | | | | | | | | |
| 18:00 | | SAFETY MEETING | | | | Crew | | | | Standing water on loc, chemical area & eye wash station check | | | | | | | | | |
| Plug Details | | | | | | | | | | | | | | | | | | | |
| Des | | | | Top (ftKB) | | Btm (ftKB) | | OD (in) | | ID (in) | | Run Date | | Pull Date | | Com | | | |
| FRAC PLUG | | | | 9,858.0 | | 9,860.0 | | 4.37 | | | | 10/21/2017 | | | | Plug #36 | | | |
| Perforation Intervals | | | | | | | | | | | | | | | | | | | |
| Time | | Linked Zone | | | | Top (ftKB) | | | | Btm (ftKB) | | | | Shot Dens (shots/ft) | | Gun Size (in) | | Com | |
| 11:00 | | | | | | 9,664.0 | | | | 9,840.0 | | | | 5.0 | | 3 1/8 | | Stage 37 | |
| Stimulations Summary | | | | | | | | | | | | | | | | | | | |
| Type SAND FRAC | | | | Stim/Treat Company HALLIBURTON ENERGY SERVICES | | | | Start Date 10/4/2017 | | | | End Date | | Volume Clean Total (bbl) 166,978.00 | | | | Proppant Total (lb) 13,620,519.0 | |
| Stimulation Details | | | | | | | | | | | | | | | | | | | |
| STAGE 36 - SAND on 10/21/2017 | | | | | | | | | | | | | | | | | | | |
| Start Date 10/21/2017 | | Type SAND | | Zone | | Wellbore ORIGINAL HOLE | | Stim/Treat Company HALLIBURTON ENERGY SERVICES | | | | Comment Stage #36. Pumped 100% of Proppant. Max Prop Con - 3.80 ppg. Pumped as per design. | | | | | | | |
| Top Depth (ftKB) 9,873.0 | | Bottom Depth (ftKB) 10,053.0 | | Proppant Designed (lb) 366,155 | | Propanant Placed (lb) 366,270 | | Volume Clean Total (bbl) 4,409.30 | | | | Volume Slurry Total (bbl) 4,807.10 | | | | | | | |
| P Pre SI (psi) 1,361.0 | | ISIP (psi) 2,376.0 | | 5 min SI (psi) 1991 | | Breakdown Pressure (psi) | | Breakdown Rate (bbl/min) | | Treat Pressure Max (psi) 7,622.0 | | Treat Pressure Avg (psi) 4,992.0 | | Frac Gradient (psi/ft) 0.76 | | | | | |
| Slurry Rate Min (bbl/min) 89 | | | | Slurry Rate Avg (bbl/min) 90 | | | | Slurry Rate Max (bbl/min) 90 | | | | Pump Power Avg (hp) 11,012.0 | | | | | | | |
| Type | | Des | | Sand Size | | Design Amount (lb) | | Amount (lb) | | | | Note | | | | | | | |
| SAND | | | | 100 MESH | | | | 188,869.0 | | | | 100M Brown | | | | | | | |
| SAND | | | | 100 MESH | | | | 121,375.0 | | | | 100M white | | | | | | | |
| SAND | | 40/70 WHITE | | 40/70 | | | | 56,026.0 | | | | | | | | | | | |
| Add Type | | Add Subtype | | Add | | Purpose | | Design Amount | | Amount | | Units | | Com | | | | | |
| ACID INHIBITOR/RETARDER | | HAI-OS | | | | | | 4.0 | | 4.0 | | | | | | | | | |
| SURFACTANT | | FDP-S1226-15 | | | | | | 2.0 | | 2.0 | | | | | | | | | |
| BIOCIDE | | | | MC B-8614 | | | | | | 73.0 | | gal | | | | | | | |
| BREAKING AGENT | | | | POLYBREAK 52 | | | | | | 95.0 | | gal | | | | | | | |
| CLAY CONTROL | | | | CLA-WEB II | | | | | | 46.0 | | gal | | | | | | | |
| FRICTION REDUCER | | | | HIFLOW 5 | | | | | | 136.0 | | gal | | | | | | | |
| SURFACTANT | | | | FDP-S1226-15 | | | | | | 184.0 | | gal | | | | | | | |
| STAGE 37 - SAND on 10/21/2017 | | | | | | | | | | | | | | | | | | | |
| Start Date 10/21/2017 | | Type SAND | | Zone | | Wellbore ORIGINAL HOLE | | Stim/Treat Company HALLIBURTON ENERGY SERVICES | | | | Comment Stage #37. Pumped 100% of Proppant. Max Prop Con - 3.90 ppg. Pumped as per design. | | | | | | | |
| Top Depth (ftKB) 9,664.0 | | Bottom Depth (ftKB) 9,839.0 | | Proppant Designed (lb) 366,155 | | Propanant Placed (lb) 368,822 | | Volume Clean Total (bbl) 4,760.60 | | | | Volume Slurry Total (bbl) 5,162.60 | | | | | | | |
| P Pre SI (psi) 1,358.0 | | ISIP (psi) 2,728.0 | | 5 min SI (psi) 2133 | | Breakdown Pressure (psi) | | Breakdown Rate (bbl/min) | | Treat Pressure Max (psi) 7,600.0 | | Treat Pressure Avg (psi) 4,958.0 | | Frac Gradient (psi/ft) 0.81 | | | | | |
| Slurry Rate Min (bbl/min) 89 | | | | Slurry Rate Avg (bbl/min) 90 | | | | Slurry Rate Max (bbl/min) 90 | | | | Pump Power Avg (hp) 10,937.0 | | | | | | | |
| Type | | Des | | Sand Size | | Design Amount (lb) | | Amount (lb) | | | | Note | | | | | | | |
| SAND | | | | 100 MESH | | | | 175,145.0 | | | | 100M white | | | | | | | |
| SAND | | 40/70 WHITE | | 40/70 | | | | 54,404.0 | | | | | | | | | | | |
| SAND | | | | 100 MESH | | | | 139,273.0 | | | | 100M Brown | | | | | | | |
| Add Type | | Add Subtype | | Add | | Purpose | | Design Amount | | Amount | | Units | | Com | | | | | |
| ACID INHIBITOR/RETARDER | | HAI-OS | | | | | | 4.0 | | 4.0 | | | | | | | | | |
| SURFACTANT | | FDP-S1226-15 | | | | | | 2.0 | | 2.0 | | | | | | | | | |
| BIOCIDE | | | | MC B-8614 | | | | | | 110.0 | | gal | | | | | | | |
| BREAKING AGENT | | | | POLYBREAK 52 | | | | | | 112.0 | | gal | | | | | | | |
| CLAY CONTROL | | | | CLA-WEB II | | | | | | 50.0 | | gal | | | | | | | |
| FRICTION REDUCER | | | | HIFLOW 5 | | | | | | 264.0 | | gal | | | | | | | |
| SURFACTANT | | | | FDP-S1226-15 | | | | | | 199.0 | | gal | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |