

Daily Drilling Report

UNIVERSITY 10-11C 3H

PINNERGY - 4

Accept: 11/11/2020Release:Days Since LTI: 204.00Days Since RI: 204.00

PERMIAN - JV SOUTHERN WOLFCAMP

Job: ODRReport Date: 11/12/2020Report #: 1DFS: 0AFE #: 9009120Total AFE + Sup: \$2,837,617.98Daily Field Est. (Cost): \$204,701.81

|  |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
|--|---------------------------|-----------------------------|--|--|---------------|---|----------------|--|--------------------------------------|--|------------------------|--|---------------------|--------------------------|----------|------------|---------|
| API/UWI<br>42-383-40858-0000   |                           |                             | Well Profile<br>HORIZONTAL                   |  |               | Open Formation<br>WOLFCAMP A2 (WFMP A2)   |                |  | Field Name<br>SPRABERRY (TREND AREA) |  |                        |  |                     |                          |          |            |         |
| SSN<br>ID00017688  |                           | Property Sub                |  | KB-Grd (ft)<br>25.00                       |               | Orig KB Elev (ft)<br>2,668.00   |                | Ground Elevation (ft)<br>2,643.00          |                                      | Spud Date<br>11/11/2020                    |                        |  | TD Date             |                          |          |            |         |
| Safety Checks  |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Time   |                           | Type                        |  | Des  |               | Tour  |                | Com  |                                      |  |                        |  |                     |                          |          |            |         |
|  |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Jobs   |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Responsible Grp 2  |                           |                             | Responsible Grp 3                            |  |               | Job Type  |                | Start Date                                 |                                      |  | End Date               |  | Job Status          |                          |          |            |         |
| DRL ENG - JACKIE LUTHER  |                           |                             | AREA TEAM 4                                  |  |               | ODR   |                | 11/11/2020 17:30                           |                                      |  |                        |  | IN PROGRESS         |                          |          |            |         |
| Job Dates (ex. Estimated Pad Release, TXRRC Calls)   |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Type   |                           |                             |  | Subtype                                    |               |   |                | Date                                       |                                      |  | Note                   |  |                     |                          |          |            |         |
|  |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Type<br>TXRRC CALL   |                           |                             |  | Subtype<br>SPUD                            |               |   |                | Date<br>11/11/2020                         |                                      |  | Note<br>Sherri #91     |  |                     |                          |          |            |         |
| Type<br>TXRRC CALL   |                           |                             |  | Subtype<br>CEMENT SURF                     |               |   |                | Date<br>11/11/2020                         |                                      |  | Note<br>Sherri #91     |  |                     |                          |          |            |         |
| Daily Operations   |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Footage/Meterage (ft)<br>791.00  |                           | Drilling Hours (hr)<br>9.50 |  | % Rotating Time (%)<br>89.47               |               | End Depth (ftKB)<br>916.0   |                | Target Depth (ftKB)                        |                                      | Daily Field Est Total (Cost)<br>204,701.81 |                        | Cum Field Est To Date (Cost)<br>204,701.81                         |                     |                          |          |            |         |
| 24 HR ROP (ft/hr)<br>83.3  |                           | Circulating Hours (hr)      |  | % Sliding Time (%)<br>10.53                |               | End Depth (TVD) (ftKB)<br>915.6   |                | Target Depth (TVD) (ftKB)                  |                                      | Daily Mud Field Est (Cost)                 |                        | Cum Mud Field Est (Cost)<br>Total AFE + Sup (Cost)<br>2,837,617.98 |                     |                          |          |            |         |
| Daily Goal Description<br>DRILLED FEET   |                           |                             |  | Daily Goal - Last 24<br>750.0              |               |   |                | Daily Goal - Next 24<br>133.0              |                                      |  |                        | Goal Comments<br>Goal Met  |                     |                          |          |            |         |
| Backbuild  |                           | Lateral Inclination         |  | Last Casing String<br>CONDUCTOR, 125.0ftKB |               |   |                | Next Casing String<br>SURFACE, 1,027.7ftKB |                                      |  |                        |  |                     |                          |          |            |         |
| Avg Connection Gas<br>0.00   |                           | Avg Trip Gas<br>0.00        |  | Avg Background Gas<br>0.00                 |               | Max Connection Gas<br>0.00  |                | Max Trip Gas<br>0.00                       |                                      | Max Drill Gas<br>0.00                      |                        |  |                     |                          |          |            |         |
| Operations Summary<br>Skid Rig from University 10-11B 2H. Spot Rig over Cellar. RU Catwalk. Pre Spud Inspection, P/U BHA, TIH, Drill 17 1/2" Surface F/107' T/898' (Well 3 of 3)   |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Operations Next Report Period<br>Continue Drill 17 1/2" Surface F/898' T/1,031', CBU X2, TOO, L/D BHA, R/U Casing Tools, RIH with 13 3/8" Casing, Circ. Casing Cap., R/U Cmt., Pump Surface Cmt., Release rig to Pembroke Unit 320H. |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Operations at Report Time<br>Drill 17 1/2" Surface @ 898'  |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Remarks  |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Time Log   |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Start Time   | Dur (hr)                  | End Time                    | Phase  | Operation                                  | Ops Category  | Com   |                |  |                                      | Start Depth (ftKB)                         | End Depth (ftKB)       | Prob Hrs (hr)  | Prob Ref #          |                          |          |            |         |
| 17:30  | 0.25                      | 17:45                       | CONST, DRL SURF                              | SFTY                                       | NORMAL        | PJSM with Pinnergy Rig Crew and PNR Rep over skid rig and all components.   |                |  |                                      | 125.0                                      | 125.0                  |  |                     |                          |          |            |         |
| 17:45  | 1.25                      | 19:00                       | CONST, DRL SURF                              | RU MIRU                                    | NORMAL        | Skid rig, R/U Hoses, Lines, Electrical. Set Rig Mats, Set in Catwalk. Continue R/U of All Rig Components. R/U Transfer Pumps. |                |  |                                      | 125.0                                      | 125.0                  |  |                     |                          |          |            |         |
| 19:00  | 1                         | 20:00                       | CONST, DRL SURF                              | SFTY                                       | NORMAL        | Pre-spud inspection, function test, complete drops inspection.  |                |  |                                      | 125.0                                      | 125.0                  |  |                     |                          |          |            |         |
| 20:00  | 0.5                       | 20:30                       | CONST, DRL SURF                              | PU_BHA                                     | NORMAL        | P/U Directional BHA   |                |  |                                      | 125.0                                      | 125.0                  |  |                     |                          |          |            |         |
| 20:30  | 9.5                       | 06:00                       | CONST, DRL SURF                              | DRL  | NORMAL        | Drill 17 1/2" Surface Hole F/107' T/898'.   |                |  |                                      | 125.0                                      | 916.0                  |  |                     |                          |          |            |         |
| Drill Strings  |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| BHA #1 , SURFACE   |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Bit Run<br>1   |                           |                             | Drill Bit<br>17 1/2in, DV616S, S00309        |  |               |   |                |  | Bit Type<br>PDC                      |  | Make<br>DRILLPOINT     |  |                     |                          |          |            |         |
| Nozzles (1/32")<br>20/20/20/20/20/20/20/20   |                           |                             | Bit Total Fluid Area (nozzles) (in²)<br>2.76 |  |               | IADC Bit Dull<br>-----  |                | Hours Drilled By Bit (hr)<br>9.50          |                                      | Depth Drilled By Bit (ft)<br>791.00        |                        |  |                     |                          |          |            |         |
| BHA Drilling Time (hr)<br>9.50   |                           |                             | BHA Depth Drilled (ft)<br>791.00             |  |               | BHA ROP (ft/hr)<br>83.3   |                | Depth In (ftKB)<br>125.0                   |                                      | Depth Out (ftKB)<br>916.0                  |                        |  |                     |                          |          |            |         |
| Drill String Components  |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Jts  | Item Des                  |                             |  |  | OD (in)       | ID (in)   | Len (ft)       | Cum Len (ft)                               | Wt (lbf)                             | Cum Wt (1000lbf)                           | Make                   |  |                     |                          |          |            |         |
| 15   | DRILL PIPE                |                             |  |  | 4 1/2         | 3.83  | 471.98         | 898.00                                     | 7,834.9                              | 8  | RIG                    |  |                     |                          |          |            |         |
| 10   | DRILL COLLAR              |                             |  |  | 6             | 2.50  | 298.44         | 426.02                                     | 0.0                                  | 0  | RIG                    |  |                     |                          |          |            |         |
| 1  | SUB - XO                  |                             |  |  | 8             | 2.87  | 1.67           | 127.58                                     | 0.0                                  | 0  | AMEGA WEST             |  |                     |                          |          |            |         |
| 1  | DRILL COLLAR              |                             |  |  | 8             | 3.00  | 28.84          | 125.91                                     | 0.0                                  | 0  | RIG                    |  |                     |                          |          |            |         |
| 1  | DRILL COLLAR - NON MAG    |                             |  |  | 8             | 3.50  | 55.09          | 97.07                                      | 0.0                                  | 0  | AMEGA WEST             |  |                     |                          |          |            |         |
| 1  | SUB - UBHO                |                             |  |  | 8             | 3.25  | 2.10           | 41.98                                      | 0.0                                  | 0  | AMEGA WEST             |  |                     |                          |          |            |         |
| 1  | STABILIZER                |                             |  |  | 8             | 3.00  | 7.13           | 39.88                                      | 0.0                                  | 0  | AMEGA WEST             |  |                     |                          |          |            |         |
| 1  | MOTOR - STABILIZER SLEEVE |                             |  |  | 9 5/8         | 4.00  | 31.25          | 32.75                                      | 0.0                                  | 0  | TMC                    |  |                     |                          |          |            |         |
| Mud Motors   |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| SN   |                           | Bend Angle                  |  | Bearing Type                               |               | Lobe Config   |                | # Stages                                   |                                      | Lwr Defin Type                             |                        | Bit To Bend  |                     |                          |          |            |         |
| TMC 85012  |                           | 1.76                        |  |  |               | 7:8   |                | 4  |                                      |  |                        | 8.97   |                     |                          |          |            |         |
| Sensors  |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Sensor Type  |                           |                             |  | Sensor-Bit (ft)                            |               |   |                | Note                                       |                                      |  |                        |  |                     |                          |          |            |         |
| DIRECTIONAL  |                           |                             |  | 60.00                                      |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Drilling Parameters  |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Start Time   | End Time                  | Start Depth (ftKB)          | Int Depth (ft)                               | Int ROP (ft/hr)                            | WOB (1000lbf) | RPM (rpm)   | dP (SPP) (psi) | Q Flow (gpm)                               | SPP (psi)                            | ROP Average (ft/hr)                        | Drill Str Wt (1000lbf) | PU Str Wt (1000lbf)  | SO Str Wt (1000lbf) | Off-Btm Str Wt (1000lbf) | Drill Tq | Off Btm Tq | TFO (°) |
| 20:30  | 01:00                     | 125.0                       | 259.00                                       | 57.6                                       | 10            | 65  | 950.0          | 750  | 700.0                                | 69.0                                       | 52                     | 55   | 50                  | 52                       | 2,200.0  | 1,000.0    | 0       |
|  |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |
| Daily Drilling Report  |                           |                             |  |  |               |   |                |  |                                      |  |                        |  |                     |                          |          |            |         |

Daily Drilling Report

| Drilling Parameters                                  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
|--|----------|--------------------------------|----------------|--------------------------|---------------|--------------------------------------|----------------|---------------------|--------------------|--------------------------------------|------------------------|---------------------------|---------------------|------------------------------|------------------------|-----------------------|---------|-----------------------|--|-----------------------|--|
| Start Time   | End Time | Start Depth (ftKB)             | Int Depth (ft) | Int ROP (ft/hr)          | WOB (1000lbf) | RPM (rpm)                            | dP (SPP) (psi) | Q Flow (gpm)        | SPP (psi)          | ROP Average (ft/hr)                  | Drill Str Wt (1000lbf) | PU Str Wt (1000lbf)       | SO Str Wt (1000lbf) | Off-Btm Str Wt (1000lbf)     | Drill Tq               | Off Btm Tq            | TFO (°) |                       |  |                       |  |
| 01:00  | 01:15    | 384.0                          | 10.00          | 40.0                     | 8             | 0                                    | 1,000.0        | 750                 | 800.0              | 67.0                                 | 52                     | 55                        | 50                  | 52                           | 0.0                    | 0.0                   | 135     |                       |  |                       |  |
| 01:15  | 01:45    | 394.0                          | 82.00          | 164.0                    | 10            | 65                                   | 1,100.0        | 750                 | 900.0              | 133.0                                | 53                     | 56                        | 51                  | 53                           | 2,200.0                | 1,000.0               | 0       |                       |  |                       |  |
| 01:45  | 02:00    | 476.0                          | 7.00           | 28.0                     | 8             | 0                                    | 1,000.0        | 750                 | 900.0              | 60.0                                 | 53                     | 56                        | 51                  | 53                           | 0.0                    | 0.0                   | 170     |                       |  |                       |  |
| 02:00  | 02:45    | 483.0                          | 88.00          | 117.3                    | 10            | 65                                   | 1,100.0        | 750                 | 900.0              | 115.0                                | 55                     | 59                        | 52                  | 55                           | 2,200.0                | 1,000.0               | 0       |                       |  |                       |  |
| 02:45  | 03:00    | 571.0                          | 10.00          | 40.0                     | 8             | 0                                    | 1,000.0        | 750                 | 900.0              | 50.0                                 | 55                     | 59                        | 52                  | 55                           | 0.0                    | 0.0                   | 125     |                       |  |                       |  |
| 03:00  | 03:45    | 581.0                          | 85.00          | 113.3                    | 10            | 65                                   | 1,100.0        | 750                 | 900.0              | 109.0                                | 57                     | 61                        | 53                  | 57                           | 2,200.0                | 1,100.0               | 0       |                       |  |                       |  |
| 03:45  | 04:00    | 666.0                          | 10.00          | 40.0                     | 8             | 0                                    | 1,000.0        | 750                 | 900.0              | 55.0                                 | 57                     | 61                        | 53                  | 57                           | 0.0                    | 0.0                   | 120     |                       |  |                       |  |
| 04:00  | 06:00    | 676.0                          | 240.00         | 120.0                    | 10            | 65                                   | 1,100.0        | 750                 | 900.0              | 109.0                                | 60                     | 65                        | 55                  | 60                           | 2,200.0                | 1,100.0               | 0       |                       |  |                       |  |
| Hydraulic Calculations                               |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Dens Mud (lb/gal)                                    |          | ECD End (lb/gal)               |                | Bit Hydraulic Power (hp) |               | HP/Area (hp/in²)                     |                | Jet Vel (ft/s)      |                    | Bit dP (psi)                         |                        | Min Open Hole AV (ft/min) |                     | Max Open Hole AV (ft/min)    |                        | Vol DrillString (bbl) |         | Vol Bit to Shoe (bbl) |  | Vol Shoe to Top (bbl) |  |
|  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Mud Checks   |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Time   |          | Mud Company                    |                |                          |               | Type                                 |                | Depth (ftKB)        |                    | Density (lb/gal)                     |                        | Funnel Viscosity (s/qt)   |                     | T Flowline (°F)              |                        |                       |         |                       |  |                       |  |
| PV (cP)  |          | YP (lb/100ft²)                 |                | Vis 3rpm                 |               | Vis 6rpm                             |                | Filtrate (mL/30min) |                    | HTHP Filtrate (mL/30min)             |                        | HTHP Temperature (°F)     |                     | HTHP Pressure (psi)          |                        |                       |         |                       |  |                       |  |
| Solids (%)   |          |                                |                | Low Gravity Solids (%)   |               |                                      | Sand (%)       |                     |                    | MBT (lb/bbl)                         |                        | Pm (mL/mL)                |                     | Pf (mL/mL)                   |                        |                       |         |                       |  |                       |  |
| Chlorides (ppm)                                      |          |                                | Calcium (ppm)  |                          |               | CaCl (ppm)                           |                | Oil Water Ratio     |                    | Electric Stab (V)                    |                        |                           | Lime (lb/bbl)       |                              |                        | pH                    |         |                       |  |                       |  |
| Gel 10 sec (lb/100ft²)                               |          |                                |                |                          |               | Gel 10 min (lb/100ft²)               |                |                     |                    |                                      |                        | Gel 30 min (lb/100ft²)    |                     |                              |                        |                       |         |                       |  |                       |  |
| Comment  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Last BOP Test  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Date   |          | Test Type                      |                |                          |               | Item Tested                          |                |                     |                    | Next Test Date                       |                        | Com                       |                     |                              |                        |                       |         |                       |  |                       |  |
|  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Leak Off and Formation Integrity Tests               |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Test Type  |          |                                |                |                          |               | Depth (ftKB)                         |                |                     |                    |                                      |                        | Dens Fluid (lb/gal)       |                     |                              |                        |                       |         |                       |  |                       |  |
|  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Casing Pressure Test                                 |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Test Type  |          |                                |                | Test Subtype             |               |                                      |                | Date                |                    | Item Tested                          |                        |                           |                     | Failed?                      | Time (min)             |                       | P (psi) |                       |  |                       |  |
|  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Kick Offs & Key Depths                               |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Date   |          |                                |                |                          |               | Type                                 |                |                     |                    | Top Depth (ftKB)                     |                        |                           |                     | Depth Top (TVD) (ftKB)       |                        |                       |         |                       |  |                       |  |
|  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Casing Strings                                       |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Description  |          | Set Depth (ftKB)               |                | Set Depth (TVD) (ftKB)   |               | OD (in)                              |                | Grade               |                    | Wt/Len (lb/ft)                       |                        | Top Thread                |                     | P LeakOff (psi)              |                        |                       |         |                       |  |                       |  |
| CONDUCTOR  |          | 125.0                          |                |                          |               | 20                                   |                | H40                 |                    | 78.67                                |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Job Supply Amounts                                   |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Supply Item Des                                      |          |                                | Type           |                          | Unit Label    |                                      | Received       |                     | Consumed           |                                      | Returned               |                           | Note                |                              |                        | Cum On Loc            |         | Cum Consumed          |  |                       |  |
|  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Mud Additive Amounts                                 |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Des  |          |                                |                | Type                     |               |                                      | Units          |                     |                    | Rec                                  |                        | Consumed                  |                     | On Loc                       |                        | Cum Cons              |         |                       |  |                       |  |
|  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Pump Operations                                      |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Pump #   |          | Make                           |                |                          |               |                                      | Model          |                     | Liner Size (in)    |                                      | Stroke (in)            |                           | Vol/Stk (bbl/stk)   |                              | P Max (psi)            |                       |         |                       |  |                       |  |
| 1  |          | CONTINENTAL-EMSCO              |                |                          |               |                                      | F-800          |                     | 6 1/2              |                                      | 9.02                   |                           | 0.093               |                              | 2,500.0                |                       |         |                       |  |                       |  |
| 2  |          | CONTINENTAL-EMSCO              |                |                          |               |                                      | F-800          |                     | 6 1/2              |                                      | 9.02                   |                           | 0.093               |                              | 2,500.0                |                       |         |                       |  |                       |  |
| Pump Checks  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Pump #   |          | Depth (ftKB)                   |                | Time                     |               | P (psi)                              |                | Strokes (spm)       |                    |                                      | Q Flow (gpm)           |                           |                     | Eff (%)                      |                        |                       |         |                       |  |                       |  |
|  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Deviation Surveys                                    |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Date   |          | Description<br>FINAL SURVEY    |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     | Job                          |                        |                       |         |                       |  |                       |  |
| Date<br>11/11/2020                                   |          | Description<br>AS DRILL SURVEY |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     | Job<br>ODR, 11/11/2020 17:30 |                        |                       |         |                       |  |                       |  |
| Survey Data - All surveys for 24 hr reporting period |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| MD (ftKB)  |          | Incl (°)                       |                | Azim (°)                 |               | TVD (ftKB)                           |                | VS (ft)             |                    | NS (ft)                              |                        | EW (ft)                   |                     | DLS (°/100ft)                |                        |                       |         |                       |  |                       |  |
| 147.21   |          | 0.30                           |                | 238.50                   |               | 147.21                               |                | -0.10               |                    | -0.20                                |                        | -0.33                     |                     | 0.20                         |                        |                       |         |                       |  |                       |  |
| 235.67   |          | 0.40                           |                | 244.10                   |               | 235.67                               |                | -0.28               |                    | -0.46                                |                        | -0.80                     |                     | 0.12                         |                        |                       |         |                       |  |                       |  |
| 323.94   |          | 0.60                           |                | 320.70                   |               | 323.94                               |                | -0.85               |                    | -0.23                                |                        | -1.37                     |                     | 0.72                         |                        |                       |         |                       |  |                       |  |
| 415.82   |          | 0.60                           |                | 59.40                    |               | 415.81                               |                | -1.19               |                    | 0.38                                 |                        | -1.26                     |                     | 0.99                         |                        |                       |         |                       |  |                       |  |
| 510.89   |          | 0.60                           |                | 125.60                   |               | 510.88                               |                | -0.55               |                    | 0.35                                 |                        | -0.43                     |                     | 0.69                         |                        |                       |         |                       |  |                       |  |
| 605.70   |          | 1.80                           |                | 131.60                   |               | 605.67                               |                | 1.43                |                    | -0.93                                |                        | 1.09                      |                     | 1.27                         |                        |                       |         |                       |  |                       |  |
| 699.99   |          | 2.90                           |                | 134.80                   |               | 699.87                               |                | 5.29                |                    | -3.59                                |                        | 3.89                      |                     | 1.17                         |                        |                       |         |                       |  |                       |  |
| Formations   |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Formation Name                                       |          |                                |                |                          |               | Prog Top (TVD SS) Override (ft(elv)) |                |                     | Prog Top MD (ftKB) |                                      | Prog Top (TVD) (ftKB)  |                           | Final Top MD (ftKB) |                              | Final Top (TVD) (ftKB) |                       |         |                       |  |                       |  |
| 250_0_DWLK   |          |                                |                |                          |               | 1,704.0                              |                |                     |                    |                                      | 964.0                  |                           |                     |                              |                        |                       |         |                       |  |                       |  |
|  |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Daily Drilling Report                                |          |                                |                |                          |               |                                      |                |                     |                    |                                      |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |
| Page 2/3   |          |                                |                |                          |               |                                      |                |                     |                    | Printed: Thursday, November 12, 2020 |                        |                           |                     |                              |                        |                       |         |                       |  |                       |  |

# Daily Drilling Report

## PINERGY - 4

**Accept: 11/11/2020**

**Release:**

Days Since LTI: 204.00

Days Since RI: 204.00

PERMIAN - JV SOUTHERN WOLFCAMP

Job: ODR

Report Date: 11/12/2020

Report #: 1

|      |   |
|------|---|
| DFS: | 0 |
|------|---|

**AFE #:** 9009120

|                         |                       |
|-------------------------|-----------------------|
| <b>Total AFE + Sup:</b> | <b>\$2,837,617.98</b> |
|-------------------------|-----------------------|

**Daily Field Est. (Cost):** **\$204,701.81**

| Formations                            |   |                    |                       |                     |                        |
|---------------------------------------|---|--------------------|-----------------------|---------------------|------------------------|
| Formation Name                        | Prog Top (TVD SS)<br>Override (ft(elv)) | Prog Top MD (ftKB) | Prog Top (TVD) (ftKB) | Final Top MD (ftKB) | Final Top (TVD) (ftKB) |
| Surface Casing Point                  | 1,650.0                                 |                    | 1,018.0               |                     |                        |
| 251_0_RSRL                            | 1,600.0                                 |                    | 1,068.0               |                     |                        |
| 251_0_SLDO                            | 1,550.0                                 |                    | 1,118.0               |                     |                        |
| 255_0_TNSL_TOP_DOL                    | 980.0                                   |                    | 1,688.0               |                     |                        |
| 256_0_YATES                           | 930.0                                   |                    | 1,738.0               |                     |                        |
| 257_0_SEVEN RIVERS                    | 630.0                                   |                    | 2,038.0               |                     |                        |
| 258_0_QUEEN                           | 166.0                                   |                    | 2,502.0               |                     |                        |
| 259_0_GRAYBURG                        | -311.0                                  |                    | 2,979.0               |                     |                        |
| 261_0_SAN ANDRES                      | -505.0                                  |                    | 3,173.0               |                     |                        |
| 263_0_SAN ANDRES SHALE                | -1,398.0                                |                    | 4,066.0               |                     |                        |
| 265_0_CLEARFORK/POP                   | -2,288.0                                |                    | 4,956.0               |                     |                        |
| 267_0_SPBY_U_A1/267_0_SPBY            | -3,172.0                                |                    | 5,840.0               |                     |                        |
| 268_7_SPBY_L_C1/LOWER SPRABERRY SHALE | -4,083.0                                |                    | 6,751.0               |                     |                        |
| 269_0_DEAN                            | -4,578.0                                |                    | 7,246.0               |                     |                        |
| 270_0_WFMP_A1                         | -4,743.0                                |                    | 7,411.0               |                     |                        |
| 272_0_WFMP_A2                         | -4,849.0                                |                    | 7,517.0               |                     |                        |
| INTENDED LANDING POINT (ILP)          | -4,945.0                                |                    | 7,613.0               |                     |                        |
| TARGET #1                             | -4,950.0                                |                    | 7,618.0               |                     |                        |
| PBHL/TD                               | -4,975.0                                |                    | 7,643.0               |                     |                        |

## Daily Contacts

| Job Contact                                   | Title                           | Office       | Mobile       | Email                    |
|---|---------------------------------|--------------|--------------|--------------------------|
| HARDIN, JOE, AREA DRILLING SUPERINTENDENT     | AREA DRILLING SUPERINTENDENT    | 361-452-2118 | 361-318-8762 | JOE.HARDIN@PXD.COM       |
| MILLER, BILL, SPUDDER & CONDUCTOR COORDINATOR | SPUDDER & CONDUCTOR COORDINATOR |              | 432-557-9503 | BILL.MILLER1@PXD.COM     |
| LUTHER, JACKIE, ENGINEER                      | ENGINEER                        | 972-969-5626 | 303-512-3803 | JACKIE.LUTHER@PXD.COM    |
| JACKSON, AUSTIN, ENGINEER                     | ENGINEER                        | 972-969-5954 | 469-503-1379 | AUSTIN.JACKSON@PXD.COM   |
| BLEDSE, WILL, SPUDDER FIELD SUPERINTENDENT    | SPUDDER FIELD SUPERINTENDENT    |              | 361-318-5836 | WILL.BLEDSE@PXD.COM      |
| SWAFFORD, KEVIN, WELLSITE SUPERVISOR          | WELLSITE SUPERVISOR             | 432-848-4240 | 432-301-6117 | KEVIN.SWAFFORD@PXD.COM   |
| TAFOYA, ALEXANDRA, FIELD ENGINEER             | FIELD ENGINEER                  |              | 469-766-8361 | ALEXANDRA.TAFOYA@PXD.COM |

## Personnel Log

| Company                           | Count |
|-----------------------------------|-------|
| PIONEER NATURAL RESOURCES USA INC | 2     |
| PINNERGY LTD                      | 11    |
| METEORITE ENERGY SERVICES INC     | 2     |

Daily Drilling Report

|  |              |  |                               |  |                          |  |   |   |  |  |
|--|--------------|--|-------------------------------|--|--------------------------|--|---|---|--|--|
| API/UWI<br>42-383-40858-0000   |              | Well Profile<br>HORIZONTAL                   |                               | Open Formation<br>WOLFCAMP A2 (WFMP A2)    |                          | Field Name<br>SPRABERRY (TREND AREA)   |   |   |  |  |
| SSN<br>ID00017688  | Property Sub | KB-Grd (ft)<br>25.00                         | Orig KB Elev (ft)<br>2,668.00 | Ground Elevation (ft)<br>2,643.00          | Spud Date<br>11/11/2020  | TD Date  |   |   |  |  |
| Safety Checks  |              |  |                               |  |                          |  |   |   |  |  |
| Time   | Type         | Des  | Tour                          | Com  |                          |  |   |   |  |  |
|  |              |  |                               |  |                          |  |   |   |  |  |
| Jobs   |              |  |                               |  |                          |  |   |   |  |  |
| Responsible Grp 2  |              | Responsible Grp 3                            |                               | Job Type                                   | Start Date               | End Date   | Job Status  |   |  |  |
| DRL ENG - JACKIE LUTHER  |              | AREA TEAM 4                                  |                               | ODR  | 11/11/2020 17:30         |  | IN PROGRESS   |   |  |  |
| Job Dates (ex. Estimated Pad Release, TXRRC Calls)   |              |  |                               |  |                          |  |   |   |  |  |
| Type   |              |  | Subtype                       | Date                                       | Note                     |  |   |   |  |  |
|  |              |  |                               |  |                          |  |   |   |  |  |
| Daily Operations   |              |  |                               |  |                          |  |   |   |  |  |
| Footage/Meterage (ft)<br>133.00  |              | Drilling Hours (hr)<br>3.00                  |                               | % Rotating Time (%)<br>100.00              |                          | End Depth (ftKB)<br>1,049.0  | Target Depth (ftKB)   | Daily Field Est Total (Cost)<br>37,361.97 | Cum Field Est To Date (Cost)<br>269,311.44 |  |
| 24 HR ROP (ft/hr)<br>44.3  |              | Circulating Hours (hr)<br>1.00               |                               | % Sliding Time (%)<br>0.00                 |                          | End Depth (TVD) (ftKB)<br>1,048.4  | Target Depth (TVD) (ftKB)                                   | Daily Mud Field Est (Cost)                | Cum Mud Field Est (Cost)                   | Total AFE + Sup (Cost)<br>2,837,617.98 |
| Daily Goal Description<br>DRILLED FEET   |              |  |                               | Daily Goal - Last 24<br>133.0              |                          |  | Daily Goal - Next 24<br>0.0                                 |   | Goal Comments<br>Goal Met                  |  |
| Backbuild  |              | Lateral Inclination                          |                               | Last Casing String<br>SURFACE, 1,027.7ftKB |                          |  | Next Casing String<br>PROPOSED INTERMEDIATE, <depthbtm>ftKB |   |  |  |
| Avg Connection Gas<br>0.00   |              | Avg Trip Gas<br>0.00                         |                               | Avg Background Gas<br>0.00                 |                          | Max Connection Gas<br>0.00   |   | Max Trip Gas<br>0.00                      | Max Drill Gas<br>0.00                      |  |
| Operations Summary<br>Continue Drill 17 1/2" Surface F/898' T/1,031', CBU X2, TOO H, L/D BHA, R/U Casing Tools, RIH with 13 3/8" Casing, Circ. Casing Cap., R/U Cmt, Pump Surface Cmt., RD, Release rig to Pembrook Unit 320H. (Well 3 of 3) |              |  |                               |  |                          |  |   |   |  |  |
| Operations Next Report Period<br>Release Rig to Pembrook Unit 320H.  |              |  |                               |  |                          |  |   |   |  |  |
| Operations at Report Time<br>Release Rig to Pembrook Unit 320H.  |              |  |                               |  |                          |  |   |   |  |  |
| Remarks  |              |  |                               |  |                          |  |   |   |  |  |
| Time Log   |              |  |                               |  |                          |  |   |   |  |  |
| Start Time   | Dur (hr)     | End Time                                     | Phase                         | Operation                                  | Ops Category             | Com  | Start Depth (ftKB)  | End Depth (ftKB)                          | Prob Hrs (hr)                              | Prob Ref #                             |
| 06:00  | 3            | 09:00  | CONST, DRL SURF               | DRL  | NORMAL                   | Drill 17 1/2" Surface Hole F/898' T/1,031'.  | 916.0   | 1,049.0                                   |  |  |
| 09:00  | 1            | 10:00  | CONST, DRL SURF               | CIRC                                       | NORMAL                   | Circulate 2 Poly Sweeps  | 1,049.0   | 1,049.0                                   |  |  |
| 10:00  | 0.75         | 10:45  | CONST, DRL SURF               | TOOH_ELEV                                  | NORMAL                   | TOOH F/1,031' T/BHA.   | 1,049.0   | 1,049.0                                   |  |  |
| 10:45  | 0.5          | 11:15  | CONST, DRL SURF               | L/D BHA                                    | NORMAL                   | LD 2- 8" NMDC's, MWD and Stabilizer. Break Bit and Bit Sub. LD MM.   | 1,049.0   | 1,049.0                                   |  |  |
| 11:15  | 0.25         | 11:30  | CONST, DRL SURF               | SFTY                                       | NORMAL                   | Clean and Clear Floor for Casing.  | 1,049.0   | 1,049.0                                   |  |  |
| 11:30  | 0.25         | 11:45  | CONST, DRL SURF               | SFTY                                       | NORMAL                   | PJSM with Pinnergy Rig Crew, Smith Casing Crew and PNR Rep over RU and RIH with 13 3/8" Casing.  | 1,049.0   | 1,049.0                                   |  |  |
| 11:45  | 0.75         | 12:30  | CONST, DRL SURF               | RU_CSG                                     | NORMAL                   | RU Casing Tools and Equipment.   | 1,049.0   | 1,049.0                                   |  |  |
| 12:30  | 2            | 14:30  | CONST, DRL SURF               | CSG_W/O ROTATION                           | NORMAL                   | RIH with 26 jts of 13 3/8", 54.5#, K-55 Casing T/1,009.7'.   | 1,049.0   | 1,049.0                                   |  |  |
| 14:30  | 0.25         | 14:45  | CONST, DRL SURF               | CIRC                                       | NORMAL                   | Circulate Casing Capacity, NOTE: RD Casing Tools while Circulating   | 1,049.0   | 1,049.0                                   |  |  |
| 14:45  | 0.25         | 15:00  | CONST, DRL SURF               | SFTY                                       | NORMAL                   | PJSM with Pinnergy Rig Crew, Permian 5 Energy and PNR Rep over RU and Pumping Surface Cement.  | 1,049.0   | 1,049.0                                   |  |  |
| 15:00  | 0.25         | 15:15  | CONST, DRL SURF               | RU_CMT                                     | NORMAL                   | RU Cmt Head and Lines  | 1,049.0   | 1,049.0                                   |  |  |
| 15:15  | 1.75         | 17:00  | CONST, DRL SURF               | CMT  | NORMAL                   | Cement with Permian 5, total sacks of lead: 750, total sacks of tail: 350, Displaced with 150 bbls of fresh water. Bumped Plug @ 950 psi, Held 950 psi. for 5 min. Check Floats - Floats good. Bleed back 1 bbl. 96 bbls cement to surface w/full returns through the job. | 1,049.0   | 1,049.0                                   |  |  |
| 17:00  | 0.5          | 17:30  | CONST, DRL SURF               | RD RDMO                                    | NORMAL                   | Back out and L/D Landing Joint with Cactus Rep, RD Rig, Rig Release to Pembrook Unit 320H @ 17:30 hrs 11/12/20.  | 1,049.0   | 1,049.0                                   |  |  |
| Drill Strings  |              |  |                               |  |                          |  |   |   |  |  |
| BHA #1 , SURFACE   |              |  |                               |  |                          |  |   |   |  |  |
| Bit Run<br>1   |              | Drill Bit<br>17 1/2in, DV616S, S00309        |                               |  |                          | Bit Type<br>PDC  |   | Make<br>DRILLPOINT                        |  |  |
| Nozzles (1/32")<br>20/20/20/20/20/20/20/20   |              | Bit Total Fluid Area (nozzles) (in²)<br>2.76 |                               |  | IADC Bit Dull<br>-----TD |  | Hours Drilled By Bit (hr)<br>12.50                          |   | Depth Drilled By Bit (ft)<br>924.00        |  |
| BHA Drilling Time (hr)<br>12.50  |              | BHA Depth Drilled (ft)<br>924.00             |                               |  | BHA ROP (ft/hr)<br>73.9  |  | Depth In (ftKB)<br>125.0                                    |   | Depth Out (ftKB)<br>1,049.0                |  |
| Daily Drilling Report  |              |  |                               |  |                          |  |   |   |  |  |
| Page 1/3   |              |  |                               |  |                          |  |   |   |  |  |
| Printed: Friday, November 13, 2020   |              |  |                               |  |                          |  |   |   |  |  |

Daily Drilling Report

| Drill String Components                         |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
|---|---------------------------|--------------------|--------------------------|------------------------|------------------|------------------------|-----------------|---------------------|-----------------|------------------------------------|---------------------------|-------------------------|---------------------------|-------------------------|-----------------------|------------|-----------------------|--|-----------------------|--|
| Jts   | Item Des                  |                    |                          | OD (in)                | ID (in)          | Len (ft)               | Cum Len (ft)    | Wt (lb)             | Cum Wt (1000lb) | Make                               |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| 19  | DRILL PIPE                |                    |                          | 4 1/2                  | 3.83             | 604.98                 | 1,031.00        | 10,042.7            | 10              | RIG                                |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| 10  | DRILL COLLAR              |                    |                          | 6                      | 2.50             | 298.44                 | 426.02          | 0.0                 | 0               | RIG                                |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| 1   | SUB - XO                  |                    |                          | 8                      | 2.87             | 1.67                   | 127.58          | 0.0                 | 0               | AMEGA WEST                         |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| 1   | DRILL COLLAR              |                    |                          | 8                      | 3.00             | 28.84                  | 125.91          | 0.0                 | 0               | RIG                                |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| 1   | DRILL COLLAR - NON MAG    |                    |                          | 8                      | 3.50             | 55.09                  | 97.07           | 0.0                 | 0               | AMEGA WEST                         |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| 1   | SUB - UBHO                |                    |                          | 8                      | 3.25             | 2.10                   | 41.98           | 0.0                 | 0               | AMEGA WEST                         |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| 1   | STABILIZER                |                    |                          | 8                      | 3.00             | 7.13                   | 39.88           | 0.0                 | 0               | AMEGA WEST                         |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| 1   | MOTOR - STABILIZER SLEEVE |                    |                          | 9 5/8                  | 4.00             | 31.25                  | 32.75           | 0.0                 | 0               | TMC                                |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Mud Motors                                      |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| SN  |                           | Bend Angle         |                          | Bearing Type           |                  | Lobe Config            |                 | # Stages            |                 | Lwr DefIn Type                     |                           | Bit To Bend             |                           |                         |                       |            |                       |  |                       |  |
| TMC 85012                                       |                           | 1.76               |                          |                        |                  | 7:8                    |                 | 4                   |                 |                                    |                           | 8.97                    |                           |                         |                       |            |                       |  |                       |  |
| Sensors   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Sensor Type                                     |                           |                    |                          | Sensor-Bit (ft)        |                  |                        |                 |                     |                 | Note                               |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| DIRECTIONAL                                     |                           |                    |                          | 60.00                  |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Drilling Parameters                             |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Start Time                                      | End Time                  | Start Depth (ftKB) | Int Depth (ft)           | Int ROP (ft/hr)        | WOB (1000lb)     | RPM (rpm)              | dP (SPP) (psi)  | Q Flow (gpm)        | SPP (psi)       | ROP Average (ft/hr)                | Drill Str Wt (1000lb)     | PU Str Wt (1000lb)      | SO Str Wt (1000lb)        | Off-Btm Str Wt (1000lb) | Drill Tq              | Off Btm Tq | TFO (°)               |  |                       |  |
| 06:00   | 09:00                     | 916.0              | 133.00                   | 44.3                   | 10               | 65                     | 950.0           | 750                 | 950.0           | 85.0                               | 62                        | 68                      | 56                        | 62                      | 2,200.0               | 1,000.0    | 0                     |  |                       |  |
| 09:00   | 10:00                     | 1,049.0            | 0.00                     |                        | 0                | 65                     | 950.0           | 750                 | 950.0           | 0.0                                | 62                        | 68                      | 56                        | 62                      | 0.0                   | 1,000.0    | 0                     |  |                       |  |
| Hydraulic Calculations                          |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Dens Mud (lb/gal)                               | ECD End (lb/gal)          |                    | Bit Hydraulic Power (hp) |                        | HP/Area (hp/in²) |                        | Jet Vel (ft/s)  |                     | Bit dP (psi)    |                                    | Min Open Hole AV (ft/min) |                         | Max Open Hole AV (ft/min) |                         | Vol DrillString (bbl) |            | Vol Bit to Shoe (bbl) |  | Vol Shoe to Top (bbl) |  |
|   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Mud Checks                                      |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Time  |                           | Mud Company        |                          |                        |                  | Type                   |                 | Depth (ftKB)        |                 | Density (lb/gal)                   |                           | Funnel Viscosity (s/qt) |                           | T Flowline (°F)         |                       |            |                       |  |                       |  |
| PV (cP)   |                           | YP (lb/100ft²)     |                          | Vis 3rpm               |                  | Vis 6rpm               |                 | Filtrate (mL/30min) |                 | HTHP Filtrate (mL/30min)           |                           | HTHP Temperature (°F)   |                           | HTHP Pressure (psi)     |                       |            |                       |  |                       |  |
| Solids (%)                                      |                           |                    |                          | Low Gravity Solids (%) |                  |                        | Sand (%)        |                     |                 | MBT (lb/bbl)                       |                           | Pm (mL/mL)              |                           |                         | Pf (mL/mL)            |            |                       |  |                       |  |
| Chlorides (ppm)                                 |                           |                    | Calcium (ppm)            |                        |                  | CaCl (ppm)             |                 | Oil Water Ratio     |                 | Electric Stab (V)                  |                           |                         | Lime (lb/bbl)             |                         |                       | pH         |                       |  |                       |  |
| Gel 10 sec (lb/100ft²)                          |                           |                    |                          |                        |                  | Gel 10 min (lb/100ft²) |                 |                     |                 |                                    |                           | Gel 30 min (lb/100ft²)  |                           |                         |                       |            |                       |  |                       |  |
| Comment   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Last BOP Test                                   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Date  |                           | Test Type          |                          |                        |                  | Item Tested            |                 |                     |                 | Next Test Date                     |                           | Com                     |                           |                         |                       |            |                       |  |                       |  |
|   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Leak Off and Formation Integrity Tests          |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Test Type                                       |                           |                    |                          |                        |                  | Depth (ftKB)           |                 |                     |                 |                                    |                           | Dens Fluid (lb/gal)     |                           |                         |                       |            |                       |  |                       |  |
|   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Casing Pressure Test                            |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Test Type                                       |                           |                    |                          | Test Subtype           |                  |                        |                 | Date                |                 | Item Tested                        |                           |                         |                           | Failed?                 | Time (min)            |            | P (psi)               |  |                       |  |
|   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Kick Offs & Key Depths                          |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Date  |                           |                    |                          |                        |                  | Type                   |                 |                     |                 | Top Depth (ftKB)                   |                           |                         |                           | Depth Top (TVD) (ftKB)  |                       |            |                       |  |                       |  |
|   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Casing Strings                                  |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Description                                     |                           | Set Depth (ftKB)   |                          | Set Depth (TVD) (ftKB) |                  | OD (in)                |                 | Grade               |                 | Wt/Len (lb/ft)                     |                           | Top Thread              |                           | P LeakOff (psi)         |                       |            |                       |  |                       |  |
| CONDUCTOR                                       |                           | 125.0              |                          |                        |                  | 20                     |                 | H40                 |                 | 78.67                              |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| SURFACE   |                           | 1,027.7            |                          | 1,027.1                |                  | 13 3/8                 |                 | K55                 |                 | 54.50                              |                           | BTC                     |                           |                         |                       |            |                       |  |                       |  |
| Cement  |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| SURFACE CASING CEMENT, Casing, 11/12/2020 15:15 |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Cementing End Date                              |                           | Wellbore           |                          | Technical Result       |                  | Comment                |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| 11/12/2020 17:00                                |                           | ORIGINAL           |                          | SUCCESS                |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Cement Stages                                   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Description                                     |                           |                    |                          | Final Top De...        | Btm (ftKB)       | Top Pl...              | Btm Pl...       | Q Pump Init (...)   | Q Pump Fina...  | Q Pump Avg...                      | P Pump Final...           | P Plug Bump...          | Float...                  | Recip?                  | Rotated?              |            |                       |  |                       |  |
| SURFACE CASING CEMENT                           |                           |                    |                          | 28.6                   | 1,027.7          | Yes                    | No              | 4                   | 3               | 7                                  | 370.0                     | 950.0                   | No                        | No                      | No                    |            |                       |  |                       |  |
| Cement Fluids                                   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Fluid Type                                      |                           |                    |                          |                        |                  | Estimated Top (ftKB)   |                 | Est Btm (ftKB)      |                 | Class                              |                           | Yield (ft³/sack)        |                           | Density (lb/gal)        |                       |            |                       |  |                       |  |
| SPACER  |                           |                    |                          |                        |                  | 28.6                   |                 | 28.6                |                 | FRESH WATER                        |                           | 0.00                    |                           | 8.34                    |                       |            |                       |  |                       |  |
| LEAD CMT  |                           |                    |                          |                        |                  | 28.6                   |                 | 751.0               |                 | CLASS C                            |                           | 1.90                    |                           | 13.00                   |                       |            |                       |  |                       |  |
| TAIL CMT  |                           |                    |                          |                        |                  | 751.0                  |                 | 1,027.7             |                 | CLASS C                            |                           | 1.33                    |                           | 14.80                   |                       |            |                       |  |                       |  |
| DSPLMT  |                           |                    |                          |                        |                  | 28.6                   |                 | 985.7               |                 | FRESH WATER                        |                           | 0.00                    |                           | 8.34                    |                       |            |                       |  |                       |  |
| Job Supply Amounts                              |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Supply Item Des                                 |                           |                    | Type                     | Unit Label             | Received         | Consumed               | Returned        | Note                |                 |                                    |                           | Cum On Loc              |                           | Cum Consumed            |                       |            |                       |  |                       |  |
|   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Mud Additive Amounts                            |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Des   |                           |                    | Type                     |                        | Units            |                        | Rec             |                     | Consumed        |                                    | On Loc                    |                         | Cum Cons                  |                         |                       |            |                       |  |                       |  |
|   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Pump Operations                                 |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Pump #  | Make                      |                    |                          |                        | Model            |                        | Liner Size (in) |                     | Stroke (in)     |                                    | Vol/Stk (bbl/stk)         |                         | P Max (psi)               |                         |                       |            |                       |  |                       |  |
|   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Pump Checks                                     |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Pump #  | Depth (ftKB)              |                    | Time                     | P (psi)                |                  | Strokes (spm)          |                 | Q Flow (gpm)        |                 |                                    |                           | Eff (%)                 |                           |                         |                       |            |                       |  |                       |  |
|   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
|   |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Daily Drilling Report                           |                           |                    |                          |                        |                  |                        |                 |                     |                 |                                    |                           |                         |                           |                         |                       |            |                       |  |                       |  |
| Page 2/3  |                           |                    |                          |                        |                  |                        |                 |                     |                 | Printed: Friday, November 13, 2020 |                           |                         |                           |                         |                       |            |                       |  |                       |  |

# Daily Drilling Report

**PINERGY - 4**

|                        |                       |
|------------------------|-----------------------|
| Accept: 11/11/2020     | Release:              |
| Days Since LTI: 205.00 | Days Since RI: 205.00 |

|                                       |                       |
|---------------------------------------|-----------------------|
| <b>PERMIAN - JV SOUTHERN WOLFCAMP</b> |                       |
| <b>Job:</b>                           | <b>ODR</b>            |
| <b>Report Date:</b>                   | <b>11/12/2020</b>     |
| <b>Report #:</b>                      | <b>2</b>              |
| <b>DFS:</b>                           | <b>1</b>              |
| <b>AFE #:</b>                         | <b>9009120</b>        |
| <b>Total AFE + Sup:</b>               | <b>\$2,837,617.98</b> |
| <b>Daily Field Est. (Cost):</b>       | <b>\$37,361.97</b>    |

[illegible]