

**Terra Energy Partners**  
**Piceance Daily Drilling Report**

|                     |   |            |                      |                |            |              |           |                   |                 |       |           |
|---------------------|---|------------|----------------------|----------------|------------|--------------|-----------|-------------------|-----------------|-------|-----------|
| WELL NAME:          | RG 411-18-297   | AFE #:     | 220097               | AFE \$:        | 1,586,444  | LANDING PNT  | 102(ft)   | REPORT#:          | 1               | DATE: | 8/18/2022 |
| FIELD:              | RYAN GULCH  | SIDETRACK: | 00                   | DAILY COST \$: | 145,642    | LATERAL SEC: |           | DFS:              | 0.00            |       |           |
| EVENT:              | DRILLING  | LOCATION:  |                      | CUM COST \$:   | 145,642    | TD (MD):     | 1.0       | LITHOLOGY:        |                 |       |           |
| OBJECTIVE:          | DEVELOPMENT   | CTY,ST:    | RIO BLANCO,COLOR ADO | DAILY MUD      | 0          | TD (TVD):    | 1.0       | FORMATION:        |                 |       |           |
| ENGINEER:           | Dustin Childers   | ROT HRS:   | 0.0                  | CUM MUD        | 0          | SPUD DATE::  | 8/19/2022 | RIG FUEL USED:    | 0               |       |           |
| TODAY'S DEPTH:      | 1 (ft)  | CUM ROT:   | 0.00                 | +/- PLAN:      |            | RR DATE :    |           | CUM FUEL USED:    | 0               |       |           |
| PREV. DEPTH:        | (ft)  |            |                      | RIG::          | Cartel/X15 |              |           | SUPERVISOR:       | Craig Borgstede |       |           |
| PROGRESS:           | 1 (ft)  | WEATHER:   |                      |                |            |              |           | SUPERVISOR PH. #: | 601-757-1737    |       |           |
| PRESENT OPERATION:  | 0.21 DFS. No HSEs or Inspections. Drilling Surface section  |            |                      |                |            |              |           |                   |                 |       |           |
| OPERATION FORECAST: | Drill Surface section to TD. TOOH. Run casing to set depth. Pump Surface cement job. Release rig. |            |                      |                |            |              |           |                   |                 |       |           |

| CSG / WELL CONTROL |            | DRLG DATA  |  |       | DOWNTIME: |                  | BIT RECORD |           |   |       |  |
|--------------------|------------|------------|--|-------|-----------|------------------|------------|-----------|---|-------|--|
| LAST CASING:       | 20.000(in) | ST WT UP   |  | PRESS |           | LOSS TIME (hrs): | 0.00       | BIT #     |   | RPM   |  |
| DEPTH:             | 102(ft)    | ST WT DN   |  | RATE  |           | LOSS TIME INC:   | 0.00       | SIZE      |   | HHP   |  |
| LAST BOP:          |            | ST WT ROT  |  | DP AV |           | NEAR MISSES:     | 0.00       | TYPE      |   | P BIT |  |
| LOT EMW:           |            | TQ ON BTM  |  | DC AV |           | 24 HR RIG DOWN:  | 0.00       | JETS      | - |       |  |
| WEIGHT LB/FT:      |            | TQ OFF BTM |  |       |           | CUM RIG DOWN     | 0.00       | DEPTH IN  |   |       |  |
| CONN:              |            |            |  |       |           |                  |            | DEPTH OUT |   |       |  |

| PUMP DATA |                 |       |        |          |     |
|-----------|-----------------|-------|--------|----------|-----|
| PUMP #    | MANU            | LINER | STROKE | PRESSURE | GPM |
| 1         | GARDENER-DENVER |       | 11     |          |     |
| 2         | GARDENER-DENVER |       | 11     |          |     |
| 2         | GARDENER-DENVER | 6.000 | 11     |          |     |

| SURVEY DATA |      |      |      |        |        |      |      | DULL CONDITION |   |   |   |   |   |   |   |
|-------------|------|------|------|--------|--------|------|------|----------------|---|---|---|---|---|---|---|
| MD          | INCL | AZIM | TVD  | N/S(-) | E/W(-) | VS   | DLS  | I              | O | D | L | B | R | G | T |
| 0.00        | 0.00 | 0.00 | 0.00 | 0.00   | 0.00   | 0.00 | 0.00 |                |   |   |   |   |   |   |   |

| MUD ADDITIVES        |        |              |        |                 |        |                   |        |
|----------------------|--------|--------------|--------|-----------------|--------|-------------------|--------|
| PRODUCT              | AMOUNT | PRODUCT      | AMOUNT | PRODUCT         | AMOUNT | PRODUCT           | AMOUNT |
| Third Party Trucking |        | NP-Lime      |        | NP-NewZan D     |        | NP-NewPHPA        |        |
| NP-Super Sweep Fil   |        | NP-NewGel HY |        | DES-SAPP Sticks |        | NP-NewWate 100 lb |        |
| Tax                  |        |              |        |                 |        |                   |        |

| MUD DATA    |              |           |                     |           |            |        |              |
|-------------|--------------|-----------|---------------------|-----------|------------|--------|--------------|
| MUD TYPE    | MW           | VISC      | ECD                 | PV/YP /   | API WL     | HTHP   |              |
| GELS (/     | SOLIDS ( % ) | LGS ( % ) | SAND ( % )          | OIL ( % ) | MBT        | LIME   |              |
| pH          | Pm           | Pf        | Mf                  | Cl-       | Ca+        | K+     | POLYMER 0.00 |
| CaCl2       | ES           | HGS ( % ) | Filter Cake (32nd") | WTR       | OIL        | LCM IN |              |
| CHECK DEPTH | FL TEMP      | HOLE VOL  | 0.00                | PIT VOL   | CLOM (ppm) | DISEL  | LCM OUT      |

| MUD GAS DATA   |      |          |      |                |      |
|----------------|------|----------|------|----------------|------|
| CONNECTION MAX | 0.00 | TRIP MAX | 0.00 | BACKGROUND MAX | 0.00 |

| CURRENT BHA |        |         |           |             |     |     |     |        |    |    |              |
|-------------|--------|---------|-----------|-------------|-----|-----|-----|--------|----|----|--------------|
| DESCRIPTION | NUMBER | LENGTH  | DRILL ROT | DRILL SLIDE | P/U | S/O | ROT | TORQUE | OD | ID | TOP CON SIZE |
| BHA HRS     | 0.00   | MTR HRS | 0.00      |             |     |     |     |        |    |    |              |
| JAR HRS     |        | MWD Hrs | 0.00      |             |     |     |     |        |    |    |              |

| OPERATIONS (00:00) |       |  |       |      |       |                                     |  |  |  |  |  |
|--------------------|-------|--|-------|------|-------|-------------------------------------|--|--|--|--|--|
| OPERATION COMMENT  |       | Finished RG 511-18-297. Skidded and Spudded Surface section. |       |      |       |                                     |  |  |  |  |  |
| FROM               | TO    | MD from  | MD to | CODE | CLASS | OPERATIONS                          |  |  |  |  |  |
| 23:30              | 00:00 |  |       | 01   | P     | Prep and Skid rig over well center. |  |  |  |  |  |

| 24 HOUR SUMMARY |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |  |  |

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|                     |  |            |                      |                |            |              |           |                   |                 |       |           |
|---------------------|--|------------|----------------------|----------------|------------|--------------|-----------|-------------------|-----------------|-------|-----------|
| WELL NAME:          | RG 411-18-297  | AFE #:     | 220097               | AFE \$:        | 1,586,444  | LANDING PNT  | 102(ft)   | REPORT#:          | 2               | DATE: | 8/19/2022 |
| FIELD:              | RYAN GULCH   | SIDETRACK: | 00                   | DAILY COST \$: | 17,964     | LATERAL SEC: |           | DFS:              | 0.96            |       |           |
| EVENT:              | DRILLING   | LOCATION:  |                      | CUM COST \$:   | 163,606    | TD (MD):     | 1,388.0   | LITHOLOGY:        |                 |       |           |
| OBJECTIVE:          | DEVELOPMENT  | CTY,ST:    | RIO BLANCO,COLOR ADO | DAILY MUD      | 4,091      | TD (TVD):    | 1,354.0   | FORMATION:        |                 |       |           |
| ENGINEER:           | Dustin Childers  | ROT HRS:   | 20.0                 | CUM MUD        | 4,091      | SPUD DATE::  | 8/19/2022 | RIG FUEL USED:    | 1,823           |       |           |
| TODAY'S DEPTH:      | 1,388 (ft)   | CUM ROT:   | 20.00                | +/- PLAN:      |            | RR DATE :    |           | CUM FUEL USED:    | 1,823           |       |           |
| PREV. DEPTH:        | 1 (ft)   |            |                      | RIG::          | Cartel/X15 |              |           | SUPERVISOR:       | Craig Borgstede |       |           |
| PROGRESS:           | 1,387 (ft)   | WEATHER:   |                      |                |            |              |           | SUPERVISOR PH. #: | 601-757-1737    |       |           |
| PRESENT OPERATION:  | 1.21 DFS. No HSEs or Inspections.  |            |                      |                |            |              |           |                   |                 |       |           |
| OPERATION FORECAST: | Run casing to set depth. Pump Surface cement job. Skid to the RG 311-18-297. Spud and drill Surface section. |            |                      |                |            |              |           |                   |                 |       |           |

| CSG / WELL CONTROL    |                 |            | DRLG DATA |          |          |                  | DOWNTIME: |           | BIT RECORD |       |        |  |
|-----------------------|-----------------|------------|-----------|----------|----------|------------------|-----------|-----------|------------|-------|--------|--|
| LAST CASING:          | 20.000(in)      | ST WT UP   | 28.0      | PRESS    | 1,200.00 | LOSS TIME (hrs): | 0.00      | BIT #     | 1          | RPM   | 0      |  |
| DEPTH:                | 102(ft)         | ST WT DN   | 26.0      | RATE     | 800.0    | LOSS TIME INC:   | 0.00      | SIZE      | 17-1/2 (") | HHP   | 97.65  |  |
| LAST BOP:             |                 | ST WT ROT  | 27.0      | DP AV    |          | NEAR MISSES:     | 0.00      | TYPE      | CF616      | P BIT | 218.12 |  |
| LOT EMW:              |                 | TQ ON BTM  | 8.0       | DC AV    |          | 24 HR RIG DOWN:  | 0.00      | JETS      | 9-15       |       |        |  |
| WEIGHT LB/FT:         |                 | TQ OFF BTM | 8.0       |          |          | CUM RIG DOWN     | 0.00      | DEPTH IN  | 102.0 (ft) |       |        |  |
| CONN:                 |                 |            |           |          |          |                  |           | DEPTH OUT | 1,388      |       |        |  |
| <b>PUMP DATA</b>      |                 |            |           |          |          |                  |           |           |            |       |        |  |
| PUMP #                | MANU            | LINER      | STROKE    | PRESSURE | GPM      |                  |           |           |            |       |        |  |
| 1                     | GARDENER-DENVER |            | 11        | 1,200.00 | 383.7    |                  |           |           |            |       |        |  |
| 2                     | GARDENER-DENVER |            | 11        | 1,200.00 | 383.7    |                  |           |           |            |       |        |  |
| 2                     | GARDENER-DENVER | 6.000      | 11        |          |          |                  |           |           |            |       |        |  |
| <b>SURVEY DATA</b>    |                 |            |           |          |          |                  |           |           |            |       |        |  |
| MD                    | INCL            | AZIM       | TVD       | N/S(-)   | E/W(-)   | VS               | DLS       |           |            |       |        |  |
| 1,285.00              | 20.79           | 194.81     | 1,257.71  | -207.93  | -38.76   | 211.31           | 0.77      |           |            |       |        |  |
| 1,197.00              | 20.13           | 194.37     | 1,175.26  | -178.16  | -31.01   | 180.75           | 1.89      |           |            |       |        |  |
| 1,110.00              | 19.16           | 190.41     | 1,093.32  | -149.61  | -24.71   | 151.60           | 1.62      |           |            |       |        |  |
| 1,023.00              | 17.75           | 190.50     | 1,010.80  | -122.53  | -19.72   | 124.09           | 1.57      |           |            |       |        |  |
| 936.00                | 16.39           | 190.76     | 927.63    | -97.43   | -15.01   | 98.57            | 3.60      |           |            |       |        |  |
| <b>DULL CONDITION</b> |                 |            |           |          |          |                  |           |           |            |       |        |  |
| I                     | O               | D          | L         | B        | R        | G                | T         |           |            |       |        |  |
| 1                     | 1               | NO         | A         | X        | TD       | I                | 1-1       |           |            |       |        |  |

| MUD ADDITIVES        |          |              |        |                 |        |                   |        |
|----------------------|----------|--------------|--------|-----------------|--------|-------------------|--------|
| PRODUCT              | AMOUNT   | PRODUCT      | AMOUNT | PRODUCT         | AMOUNT | PRODUCT           | AMOUNT |
| Third Party Trucking | 1,150.00 | NP-Lime      | 4.00   | NP-NewZan D     | 21.00  | NP-NewPHPA        | 17.00  |
| NP-Super Sweep Fil   |          | NP-NewGel HY |        | DES-SAPP Sticks | 72.00  | NP-NewWate 100 lb |        |
| Tax                  | 113.11   |              |        |                 |        |                   |        |

| MUD DATA        |                 |                   |      |              |         |                         |  |            |          |         |      |         |  |
|-----------------|-----------------|-------------------|------|--------------|---------|-------------------------|--|------------|----------|---------|------|---------|--|
| MUD TYPE        | WATER BASED MUD | MW                | 9.70 | VISC         | 38.00   | ECD                     |  | PV/YYP     | 7.0/16.0 | API WL  | 20.0 | HTHP    |  |
| GELS (6.0/11.0) |                 | SOLIDS (9.00 (%)) |      | LGS 7.71 (%) |         | SAND 1.50 (%)           |  | OIL (%)    |          | MBT     | 17.5 | LIME    |  |
| pH 9.10         | Pm 0.23         | Pf 0.02           |      | Mf 0.51      | Cl- 900 | Ca+                     |  | K+         |          | POLYMER | 0.00 |         |  |
| CaCl2           |                 | ES                |      | HGS 1.24 (%) |         | Filter Cake 1.0 (32nd") |  | WTR        |          | OIL     |      | LCM IN  |  |
| CHECK DEPTH     | 1,368           | FL TEMP 92.00     |      | HOLE VOL     | 0.00    | PIT VOL                 |  | CLOM (ppm) |          | DISEL   |      | LCM OUT |  |

COMMENTS

| MUD GAS DATA   |          |                |
|----------------|----------|----------------|
| CONNECTION MAX | TRIP MAX | BACKGROUND MAX |

| CURRENT BHA                 |        |         |                  |             |       |       |      |        |       |      |              |  |
|-----------------------------|--------|---------|------------------|-------------|-------|-------|------|--------|-------|------|--------------|--|
| DESCRIPTION                 | NUMBER | LENGTH  | DRILL ROT        | DRILL SLIDE | P/U   | S/O   | ROT  | TORQUE | OD    | ID   | TOP CON SIZE |  |
|                             | 1      | 393.45  | 1,286.00         |             | 28.00 | 26.00 | 27.0 | 8.0    |       |      |              |  |
| Polycrystalline Diamond Bit | 0      | 1.50    | PDC              |             |       |       |      |        | 17.50 | 0.00 | 7.63         |  |
| Bent Housing                | 1      | 30.67   | Hybrid Mud Motor |             |       |       |      |        | 10.25 | 0.00 | 6.63         |  |
| Shock Sub                   | 2      | 8.73    | Shock Sub        |             |       |       |      |        | 7.88  | 2.81 | 6.63         |  |
| Non-Mag Pony Collar         | 3      | 12.18   | NMPC             |             |       |       |      |        | 7.63  | 3.25 | 6.63         |  |
| Non-Mag Drill Collar        | 4      | 26.50   | NMDC             |             |       |       |      |        | 7.31  | 3.25 | 6.63         |  |
| Gap Sub                     | 5      | 5.59    | Gap Sub          |             |       |       |      |        | 7.88  | 3.25 | 6.63         |  |
| Cross Over                  | 6      | 2.47    | XO               |             |       |       |      |        | 8.00  | 3.25 | 4.25         |  |
| Drill Collar                | 7      | 29.15   | DC               |             |       |       |      |        | 6.50  | 2.25 | 4.25         |  |
| Heavy Weight Drill Pipe     | 8      | 276.66  | HWDP             |             |       |       |      |        | 4.50  | 2.75 | 4.25         |  |
| BHA HRS                     | 18.95  | MTR HRS | 18.95            |             |       |       |      |        |       |      |              |  |
| JAR HRS                     |        | MWD Hrs | 18.95            |             |       |       |      |        |       |      |              |  |

| OPERATIONS (00:00)   |       |         |          |      |       |   |  |  |  |  |  |  |
|--|-------|---------|----------|------|-------|---|--|--|--|--|--|--|
| OPERATION COMMENT: Drilled Surface section to TD. TOO. Run casing to set depth. Pump Surface cement job. |       |         |          |      |       |   |  |  |  |  |  |  |
| FROM   | TO    | MD from | MD to    | CODE | CLASS | OPERATIONS  |  |  |  |  |  |  |
| 00:00  | 01:00 |         |          | 06   | P     | P/U 17 1/2" BHA components.   |  |  |  |  |  |  |
| 01:00  | 21:00 | 102.00  | 1,388.00 | 02   | P     | Spud and Drill 17 1/2" hole section F/102' T/1388' - 1286'(64'/hr) 800 gpm, 1200 psi, 30 rpm, 6-8k torque, 10k WOB. No losses |  |  |  |  |  |  |
| 21:00  | 22:00 |         |          | 05   | P     | Pump 3-sweep cleanup cycle. Well static.  |  |  |  |  |  |  |
| 22:00  | 22:30 |         |          | 06   | P     | TOOH F/1388' T/120'. Well taking proper hole fill.  |  |  |  |  |  |  |
| 22:30  | 23:00 |         |          | 06   | P     | TOOH with BHA F/120' T/ Surf. Well taking proper hole fill.   |  |  |  |  |  |  |
| 23:00  | 00:00 |         |          | 12   | P     | R/U casing equipment. Well static.  |  |  |  |  |  |  |

| 24 HOUR SUMMARY   |  |  |  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|--|--|
| Current Position:<br>Above/Below Plan: 24.41' Below<br>Right/Left Plan: 9.16' Right |  |  |  |  |  |  |  |  |  |  |  |  |

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|                     |  |            |                      |                |            |              |           |                   |                 |       |           |
|---------------------|--|------------|----------------------|----------------|------------|--------------|-----------|-------------------|-----------------|-------|-----------|
| WELL NAME:          | RG 411-18-297  | AFE #:     | 220097               | AFE \$:        | 1,586,444  | LANDING PNT  | 102(ft)   | REPORT#:          | 3               | DATE: | 8/20/2022 |
| FIELD:              | RYAN GULCH   | SIDETRACK: | 00                   | DAILY COST \$: | 161,184    | LATERAL SEC: |           | DFS:              | 1.42            |       |           |
| EVENT:              | DRILLING   | LOCATION:  |                      | CUM COST \$:   | 324,791    | TD (MD):     | 1,388.0   | LITHOLOGY:        |                 |       |           |
| OBJECTIVE:          | DEVELOPMENT  | CTY,ST:    | RIO BLANCO,COLOR ADO | DAILY MUD      | 0          | TD (TVD):    | 1,354.0   | FORMATION:        |                 |       |           |
| ENGINEER:           | Dustin Childers  | ROT HRS:   | 0.0                  | CUM MUD        | 4,091      | SPUD DATE::  | 8/19/2022 | RIG FUEL USED:    | 2,417           |       |           |
| TODAY'S DEPTH:      | 1,388 (ft)   | CUM ROT:   | 20.00                | +/- PLAN:      |            | RR DATE :    |           | CUM FUEL USED:    | 4,240           |       |           |
| PREV. DEPTH:        | 1,388 (ft)   |            |                      | RIG::          | Cartel/X15 |              |           | SUPERVISOR:       | Craig Borgstede |       |           |
| PROGRESS:           | (ft)   | WEATHER:   |                      |                |            |              |           | SUPERVISOR PH. #: | 601-757-1737    |       |           |
| PRESENT OPERATION:  | 1.42 DFS. No HSEs or Inspections. Rig released.            |            |                      |                |            |              |           |                   |                 |       |           |
| OPERATION FORECAST: | Skid to the RG 311-18-297. Spud and drill Surface section. |            |                      |                |            |              |           |                   |                 |       |           |

| CSG / WELL CONTROL    |                 | DRLG DATA  |          |          |        | DOWNTIME:        |      | BIT RECORD |   |       |  |
|-----------------------|-----------------|------------|----------|----------|--------|------------------|------|------------|---|-------|--|
| LAST CASING:          | 20.000(in)      | ST WT UP   |          | PRESS    |        | LOSS TIME (hrs): | 0.00 | BIT #      |   | RPM   |  |
| DEPTH:                | 102(ft)         | ST WT DN   |          | RATE     |        | LOSS TIME INC:   | 0.00 | SIZE       |   | HHP   |  |
| LAST BOP:             |                 | ST WT ROT  |          | DP AV    |        | NEAR MISSES:     | 0.00 | TYPE       |   | P BIT |  |
| LOT EMW:              |                 | TQ ON BTM  |          | DC AV    |        | 24 HR RIG DOWN:  | 0.00 | JETS       | - |       |  |
| WEIGHT LB/FT:         |                 | TQ OFF BTM |          |          |        | CUM RIG DOWN     | 0.00 | DEPTH IN   |   |       |  |
| CONN:                 |                 |            |          |          |        |                  |      | DEPTH OUT  |   |       |  |
| <b>PUMP DATA</b>      |                 |            |          |          |        |                  |      |            |   |       |  |
| PUMP #                | MANU            | LINER      | STROKE   | PRESSURE | GPM    |                  |      |            |   |       |  |
| 1                     | GARDENER-DENVER |            | 11       | 650.00   | 383.7  |                  |      |            |   |       |  |
| 2                     | GARDENER-DENVER |            | 11       | 650.00   | 383.7  |                  |      |            |   |       |  |
| 2                     | GARDENER-DENVER | 6.000      | 11       |          |        |                  |      |            |   |       |  |
| <b>SURVEY DATA</b>    |                 |            |          |          |        |                  |      |            |   |       |  |
| MD                    | INCL            | AZIM       | TVD      | N/S(-)   | E/W(-) | VS               | DLS  |            |   |       |  |
| 1,285.00              | 20.79           | 194.81     | 1,257.71 | -207.93  | -38.76 | 211.31           | 0.77 |            |   |       |  |
| 1,197.00              | 20.13           | 194.37     | 1,175.26 | -178.16  | -31.01 | 180.75           | 1.89 |            |   |       |  |
| 1,110.00              | 19.16           | 190.41     | 1,093.32 | -149.61  | -24.71 | 151.60           | 1.62 |            |   |       |  |
| 1,023.00              | 17.75           | 190.50     | 1,010.80 | -122.53  | -19.72 | 124.09           | 1.57 |            |   |       |  |
| 936.00                | 16.39           | 190.76     | 927.63   | -97.43   | -15.01 | 98.57            | 3.60 |            |   |       |  |
| <b>DULL CONDITION</b> |                 |            |          |          |        |                  |      |            |   |       |  |
| I                     | O               | D          | L        | B        | R      | G                | T    |            |   |       |  |
|                       |                 |            |          |          |        |                  |      |            |   |       |  |

| MUD ADDITIVES        |        |              |        |                 |        |                   |        |
|----------------------|--------|--------------|--------|-----------------|--------|-------------------|--------|
| PRODUCT              | AMOUNT | PRODUCT      | AMOUNT | PRODUCT         | AMOUNT | PRODUCT           | AMOUNT |
| Third Party Trucking |        | NP-Lime      |        | NP-NewZan D     |        | NP-NewPHPA        |        |
| NP-Super Sweep Fil   |        | NP-NewGel HY |        | DES-SAPP Sticks |        | NP-NewWate 100 lb |        |
| Tax                  |        |              |        |                 |        |                   |        |

| MUD DATA        |                 |                     |      |              |         |                         |            |          |          |         |      |
|-----------------|-----------------|---------------------|------|--------------|---------|-------------------------|------------|----------|----------|---------|------|
| MUD TYPE        | WATER BASED MUD | MW                  | 9.70 | VISC         | 38.00   | ECD                     | PV/YP      | 7.0/16.0 | API WL   | 20.0    | HTHP |
| GELS (6.0/11.0) |                 | SOLIDS ( 9.00 (%) ) |      | LGS 7.71 (%) |         | SAND 1.50 (%)           | OIL (%)    |          | MBT 17.5 | LIME    |      |
| pH 9.10         | Pm 0.23         | Pf 0.02             |      | Mf 0.51      | Cl- 900 | Ca+                     | K+         |          | POLYMER  | 0.00    |      |
| CaCl2           |                 | ES                  |      | HGS 1.24 (%) |         | Filter Cake 1.0 (32nd") | WTR        |          | OIL      | LCM IN  |      |
| CHECK DEPTH     | 1,368           | FL TEMP 92.00       |      | HOLE VOL     | 0.00    | PIT VOL                 | CLOM (ppm) |          | DISEL    | LCM OUT |      |

| MUD GAS DATA   |      |                |
|----------------|------|----------------|
| CONNECTION MAX | 0.00 | TRIP MAX       |
|                |      | BACKGROUND MAX |
|                |      | 0.00           |

| CURRENT BHA |        |         |           |             |     |     |     |        |    |    |              |
|-------------|--------|---------|-----------|-------------|-----|-----|-----|--------|----|----|--------------|
| DESCRIPTION | NUMBER | LENGTH  | DRILL ROT | DRILL SLIDE | P/U | S/O | ROT | TORQUE | OD | ID | TOP CON SIZE |
| BHA HRS     | 0.00   | MTR HRS | 0.00      |             |     |     |     |        |    |    |              |
| JAR HRS     |        | MWD Hrs | 0.00      |             |     |     |     |        |    |    |              |

| OPERATIONS (00:00)                                  |       |         |       |      |       |  |  |  |  |  |  |
|---|-------|---------|-------|------|-------|--|--|--|--|--|--|
| OPERATION COMMENT                                   |       |         |       |      |       |  |  |  |  |  |  |
| Ran casing to set depth. Pumped Surface cement job. |       |         |       |      |       |  |  |  |  |  |  |
| FROM  | TO    | MD from | MD to | CODE | CLASS | OPERATIONS   |  |  |  |  |  |
| 00:00   | 01:00 |         |       | 12   | P     | Make up 13 3/8" Shoe track. Well Static.   |  |  |  |  |  |
| 01:00   | 06:30 |         |       | 12   | P     | RUN 13 3/8" 54.5# J-55 BTC SURFACE CASING AS FOLLOWS: MADE UP 1 FLOAT SHOE, 1 JOINT OF 54.5# BTC AS SHOE JOINT AND 1 FLOAT COLLAR, 31 JOINTS OF 13 3/8" 54.5# J-55 BTC, WITH 1 LANDING JOINT AND A CASING MANDREL WITH PUP TO BE LANDED ON CONDUCTOR RING ADAPTER AT GROUND LEVEL FOR A TOTAL OF 32 JOINTS OF SURFACE CASING AND 1 PUP JOINT. SHOE DEPTH AT 1,378.00'. FLOAT COLLAR DEPTH AT 1332.69'. RUN CENTRALIZERS ON THE FIRST THREE JOINTS, THEN 1 CENTRALIZER EVERY FORTH JOINT THEREAFTER FOR A TOTAL OF 10 CENTRALIZERS. BOTTOM CENTRALIZER AT 1,357.00' AND TOP CENTRALIZER AT 110.29'. CEMENT BASKET AT 110.29'. CASING SET DEPTH 1,378.00'. |  |  |  |  |  |
| 06:30   | 07:30 |         |       | 05   | P     | Circulate with casing at set depth. Well static.   |  |  |  |  |  |
| 07:30   | 08:00 |         |       | 12   | P     | R/U cementing equipment. Well static.  |  |  |  |  |  |
| 08:00   | 10:00 |         |       | 12   | P     | CEMENT SURFACE CASING: TESTED LINES TO 3000 PSI, PUMPED 20 BBLS FRESHWATER SPACER, PUMPED PRIMARY 244.1 BBLS (586 SKS) OF VARICEM AT 12.3 PPG, 2.34 YLD, 13.42 GAL/SK LEAD CEMENT W/ 40% EXCESS. DROPPED PLUG, DISPLACED WITH 204 BBLS OF FRESHWATER W/ 430 PSI LIFT AT 4 BPM. BUMPED PLUG TO 992 PSI. FLOATS HELD. HAD FULL RETURNS THROUGHOUT JOB, 106 BBLS OF CEMENT BACK TO SURFACE.   |  |  |  |  |  |
| 10:00   | 10:30 |         |       | 21   | P     | Perform casing test to 1100 psi (1500 psi downhole equivalent).  |  |  |  |  |  |
| 10:30   | 11:00 |         |       | 12   | P     | L/D landing joint.   |  |  |  |  |  |
| 11:00   | 11:00 |         |       | 28   | P     | Release rig.   |  |  |  |  |  |

| 24 HOUR SUMMARY |  |  |  |  |  |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |  |  |