



Job Summary

Ticket Number FL3477 Ticket Date 4/5/2018

| | | |
|-----------------------|--------------------------|-----------------------|
| COUNTY | COMPANY | API Number |
| Weld | Noble Energy Inc. | 05-123-26079 |
| WELL NAME | RIG | JOB TYPE |
| Carpio #22-45 | TEC 17 | Balanced Plugs |
| SURFACE WELL LOCATION | O-TEX Field Supervisor | CUSTOMER REP |
| SESE 22-6N-64W | Joyner, Barlen | Cody Jones |

| | | |
|-----------------------|------------------------|--|
| EMPLOYEES | | |
| <i>Payne, James</i> | | |
| <i>Lindsay, Kevin</i> | | |
| | <i>Hagemeyer, Tony</i> | |

| | | | |
|---|------|--------------------------------------|-----|
| WELL PROFILE | | | |
| Max Treating Pressure (psi): | 3000 | Bottom Hole Static Temperature (°F): | 0 |
| Bottom Hole Circulating Temperature (°F): | | Well Type: | Oil |

Open Hole

| | | | | | |
|---|-----------|---------------|-------------|---------------|-------------|
| 1 | Size (in) | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
| | 9 | 2000 | 2512 | | |
| 2 | Size (in) | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
| | | | | | |

Casing/Tubing/Drill Pipe

| Type | Size (in) | Weight (lb/ft) | Grade | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
|------------|-----------|----------------|-------|---------------|-------------|---------------|-------------|
| Tubing | 2.375 | 4.7 | | 0 | 6567 | | |
| Type | Size (in) | Weight (lb/ft) | Grade | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
| Production | 4.5 | 11.6 | | 0 | 6567 | | |
| Type | Size (in) | Weight (lb/ft) | Grade | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
| | | | | | | | |

CEMENT DATA

Stage 1:
Type: **Nio Plug**
From Depth (ft): 6129 To Depth (ft): 6567
Volume (sacks): 25 Volume (bbls): 6.8

| Cement & Additives: | Density (ppg) | Yield (ft³/sk) | Water Req. |
|---------------------------------------|---------------|----------------|------------|
| 100% Thermal 35+0.3% CFR-2+0.3% ASM-3 | 15.8 | 1.52 | 6.25 |

Stage 2:
Type: **Plug**
From Depth (ft): 3311 To Depth (ft): 4038
Volume (sacks): 55 Volume (bbls): 11.3

| Cement & Additives: | Density (ppg) | Yield (ft³/sk) | Water Req. |
|---------------------|---------------|----------------|------------|
| 100% Class G | 15.8 | 1.15 | 5.00 |

Stage 3:
Type: **Plug**
From Depth (ft): 2000 To Depth (ft): 2512
Volume (sacks): 165 Volume (bbls): 33.8

| Cement & Additives: | Density (ppg) | Yield (ft³/sk) | Water Req. |
|---------------------|---------------|----------------|------------|
| 100% Class G | 15.8 | 1.15 | 5.00 |

SUMMARY

| | | | | | |
|-------------------------------------|-------------------------------|-------------------------------|-----------------------------|---|----------------|
| Preflushes: | 30 bbls of <u>Fresh Water</u> | Calculated Displacement (bb): | <u>23.5</u> | Stage 1 | Stage 2 |
| | 10 bbls of <u>SAPP</u> | Actual Displacement (bbl): | <u>23.5</u> | | <u>12.5</u> |
| | _____ bbls of _____ | | | | <u>12.5</u> |
| Total Preflush/Spacer Volume (bbl): | <u>40</u> | Plug Bump (Y/N): | <u>N/A</u> | Bump Pressure (psi): | <u>N/A</u> |
| Total Slurry Volume (bbl): | <u>52.6</u> | Lost Returns (Y/N): | <u>Y</u> (if Y, when _____) | <u>with 5bbls of displacement left on 3rd plug.</u> | |
| Total Fluid Pumped | <u>128.6</u> | | | | |
| Returns to Surface: | <u>Mud</u> <u>129</u> bbls | | | | |

Job Notes (fluids pumped / procedures / tools / etc.): Fresh spacer, pump 25sx TH 35 + ads @ 15.8ppg, displace till balanced. Fresh spacer, pump 55sx G(neat) @ 15.8ppg, displace till balanced. SAPP spacer, fresh spacer, pump 165sx G(neat) @ 15.8ppg, displace to 2bbls shy of the retainer (per customer request).

Customer Representative Signature: _____ *Thank You For Using O-TEX Cementing*



Job Summary

| | |
|---------------|-------------|
| Ticket Number | Ticket Date |
| TN# FL3502 | 3/6/2018 |

| | | |
|-----------------------|------------------------|--------------|
| COUNTY | COMPANY | API Number |
| Weld | Noble Energy Inc. | 05-123-26079 |
| WELL NAME | RIG | JOB TYPE |
| Carpio #22-45 | TEC 17 | Stub Plug |
| SURFACE WELL LOCATION | O-TEX Field Supervisor | CUSTOMER REP |
| SESE 22-6N-64W | Laslie, Larry | Cody Jones |

| | | |
|----------------|--|--|
| EMPLOYEES | | |
| Yates, Tony | | |
| Cicalla, David | | |

| | | | |
|---|------|--------------------------------------|-----|
| WELL PROFILE | | | |
| Max Treating Pressure (psi): | 1500 | Bottom Hole Static Temperature (°F): | 0 |
| Bottom Hole Circulating Temperature (°F): | | Well Type: | Oil |

Open Hole

| | | | | | |
|---|-----------|---------------|-------------|---------------|-------------|
| 1 | Size (in) | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
| | 9 | 655 | 1000 | | |
| 2 | Size (in) | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
| | | | | | |

Casing/Tubing/Drill Pipe

| Type | Size (in) | Weight (lb/ft) | Grade | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
|------------|-----------|----------------|-------|---------------|-------------|---------------|-------------|
| Surface | 8.625 | 36 | J-55 | 0 | 665 | 0 | 665 |
| Production | 4.5 | 11.6 | | 1000 | 1055 | 1000 | 1055 |
| Tubing | 2.375 | 4.7 | | 0 | 1055 | 0 | 1055 |

CEMENT DATA

Stage 1: From Depth (ft): To Depth (ft):
 Type: Plug Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft ³ /sk) | Water Req. |
|---------------------|---------------|-----------------------------|------------|
| 100% Class G | 15.8 | 1.15 | 5.00 |

SUMMARY

| | | | | |
|-------------------------------------|-----------------------|--------------------------------|----------------|--------------------------|
| Preflushes: | 10 bbls of SAPP | Calculated Displacement (bbl): | Stage 1 | Stage 2 |
| | 5 bbls of Fresh Water | Actual Displacement (bbl): | | |
| Total Preflush/Spacer Volume (bbl): | 15 | Plug Bump (Y/N): | n/a | Bump Pressure (psi): n/a |
| Total Slurry Volume (bbl): | 78 | Lost Returns (Y/N): | n (if Y, when) | |
| Total Fluid Pumped | 93 | | | |
| Returns to Surface: | Cement 2 bbls | | | |

Job Notes (fluids pumped / procedures / tools / etc.): Pump Per Customer Request Top Off 20sks 4bbls

Customer Representative Signature: _____

Thank You For Using
O-TEX Cementing

