# NexTier Job Summary

| Ticket Number | Ticket Date |
|---|---|
| TN# BCO-2206-0017 | 6/9/2022 |

| COUNTY | COMPANY | API Number |
|---|---|---|
| WELD (CO) | OXY USA INC | 0512324391 |
| **WELL NAME** | **RIG** | **JOB TYPE** |
| PLATTE 24-34 | Brigade 14 | CM-P2A-PERM. |
| **SURFACE WELL LOCATION** | **CJES Field Supervisor** | **CUSTOMER REP** |
| 40.27083 -104.87011 | Jeff Kopp | Troy Spaulding |

EMPLOYEES

| | | |
|---|---|---|
| *Mike A* | | |
| *Chance B* | | |
| | | |

## WELL PROFILE

| | | | |
|---|---|---|---|
| Max Treating Pressure (psi): | 2500 | Bottom Hole Static Temperature (°F): | |
| Bottom Hole Circulating Temperature (°F): | | Well Type: | |

Open Hole

| | Size (in) | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
|---|---|---|---|---|---|
| 1 | 7.88 | 768 | 6916 | | |
| 2 | | | | | |

Casing/Tubing/Drill Pipe

| Type | Size (in) | Weight (lb/ft) | Grade | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
|---|---|---|---|---|---|---|---|
| Production | 4 1/2 | 11.6 | | 0 | 6916 | | |
| Tubing | 2 3/8 | 4.7 | | 0 | 6886 | | |
| | | | | | | | |

## CEMENT DATA

**Stage 1:** Type: **Squeeze**

From Depth (ft): 6821 To Depth (ft): 6916

Volume (sacks): 100 Volume (bbls): 27

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | 15.8 | 1.52 | 6.18 |

**Stage 2:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 3:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 4:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

## SUMMARY

| | | | | Stage 1 | Stage 2 |
|---|---|---|---|---|---|
| Preflushes: | 1 bbls of | Fresh Water | Calculated Displacement (bbl): | 26.6 | |
| | bbls of | | Actual Displacement (bbl): | 10.8 | |
| | bbls of | | | | |

TotalPreflush/Spacer Volume (bbl): 1

Total Slurry Volume (bbl): 27

Total Fluid Pumped 28

Returns to Surface: Cement 0 bbls

Plug Bump (Y/N): N/A Bump Pressure (psi): N/A

Lost Returns (Y/N): N (if Y, when)

Job Notes (fluids pumped / procedures / tools / etc.):

Filled lines and pressure tested to psi. Mix and pumped 100sxs @15.8ppg 1.52y 6.18wr. Well locked up while displacing after 10.8bbls away. Rig unstung from retainer and tripped out and reverse circulated. Retainer set @6886ft.

Customer Representative Signature:

***Thank You For Using NexTier Completion Solutions***

# Cement Job Log

NexTier

NexTier Completion Solutions
3990 Rogerdale Rd., Houston, TX 77042
(713)325-6000

| | | | | | |
|---|---|---|---|---|---|
| Customer: | OXY USA INC | Date: | 9-Jun-22 | Serv. Supervisor: | Jeff Kopp |
| Cust. Rep.: | Troy Spaulding | Ticket #: | BCO-2206-0017 | Serv. Center | Brighton - 3021 |
| Well Name: | PLATTE 24-34 | API Well #: | 0512324391 | County: WELD (CO) | State: COLORADO |
| Well Type: | Oil | Rig: | Brigade 14 | Type of Job: | CM-P2A-PERM. |

Materials Furnished by NexTier

| Plugs | Casing Hardware | Sacks of Cement | Fluid Density (lb/gal) | Excess | Yield (cuft/sk) | Mix Water (gal/sk) | Fluid Volume (bbls) | Fluid Volume (cuft) | Mix Water (bbls) |
|---|---|---|---|---|---|---|---|---|---|
| N/A | N/A | | | | | | | | |
| N/A | N/A | | | | | | | | |
| 0 | | | | 0% | - | - | | - | |
| 5 bbl Water | | | | 0% | - | - | 5.00 | - | |
| Nio Squeeze - Holes @ 6916' and CICR @ 6886' | 100 % NCM-914 +35.0 % NWT-766+0.4 % NFL-551+0.3 % NDS-417+0.2 % NRT-213+0.4 % NFL-549 | 100 | 15.8 | 0% | 1.52 | 6.18 | 27.07 | 151.98 | 15 |
| 0 | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Displacement Chemicals: N/A

| OPEN HOLE DATA | | | TUBULAR DATA | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7.88 in. O.H. 768 to 6,916 ft | | | 4.5 in. 11.6#, ( 0 to 6,916 ft) | | | SIZE WEIGHT | THRD | DEPTH (ft) | GRADE | ID (in) | BURST (psi) | COLLAPSE (psi) |
| Ambient Tmp. | Bulk Tmp. | Slurry 1 Tmp. | Slurry 2 Tmp. | Slurry 3 Tmp. | Slurry 4 Tmp. | 2 3/8 4.7# | | 6886 | J-55 | 2 | N/A | N/A |
| 84.0 °F | 84.0 °F | 85.0 °F | N/A | N/A | N/A | N/A | | N/A | N/A | N/A | N/A | N/A |

| PREVIOUS CASING DATA | PERFORATED INTERVAL DATA | | | | CASING EQUIPMENT DEPTHS | | | |
|---|---|---|---|---|---|---|---|---|
| | TOP | BTM | SPF | SIZE | SHOE | FLOAT | STAGE | ACP |
| 8.625 in. 24# ( 0 to 768 ft) | N/A | 6916 | N/A | N/A | N/A | N/A | N/A | N/A |
| | N/A | N/A | N/A | N/A | | | | |

| WELL FLUID | | | DISPLACEMENT FLUID | | DIFF PRESS (psi) | CSG LIFT (psi) | MAX PRESS (psi) | Mix H2O Chlorides (ppm) | Mix H2O pH | Mix H2O Temp | WATER ON LOC (bbl) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE | DENSITY | VOLUME | TYPE | DENSITY | | | | | | | |
| WATER BASED | 8.3 ppg | 10.8 bbl | H20 | 8.3 ppg | N/A | N/A | 3000 | 34 | 7 | 76.0 °F | 80 |

| Bumped Plug | Final Differential (psi) | Floats Held (Y/N) | PSI Left on Casing | Cement to Surface (bbl) | Top of Cement (ft) | Full Circ. During Job (Y/N) | Max Pump Pressure (psi) | Casing Rotation | Additional Hrs Charged (hrs) | Casing Reciprocation | Rathole Length (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 6,821 | Yes | 3,000.00 | | | | |

Comments/Additional Details:

*Retainer set @6886ft.*

Jeff Kopp — Service Supervisor

9-Jun-22 — Date

# Cement Job Log

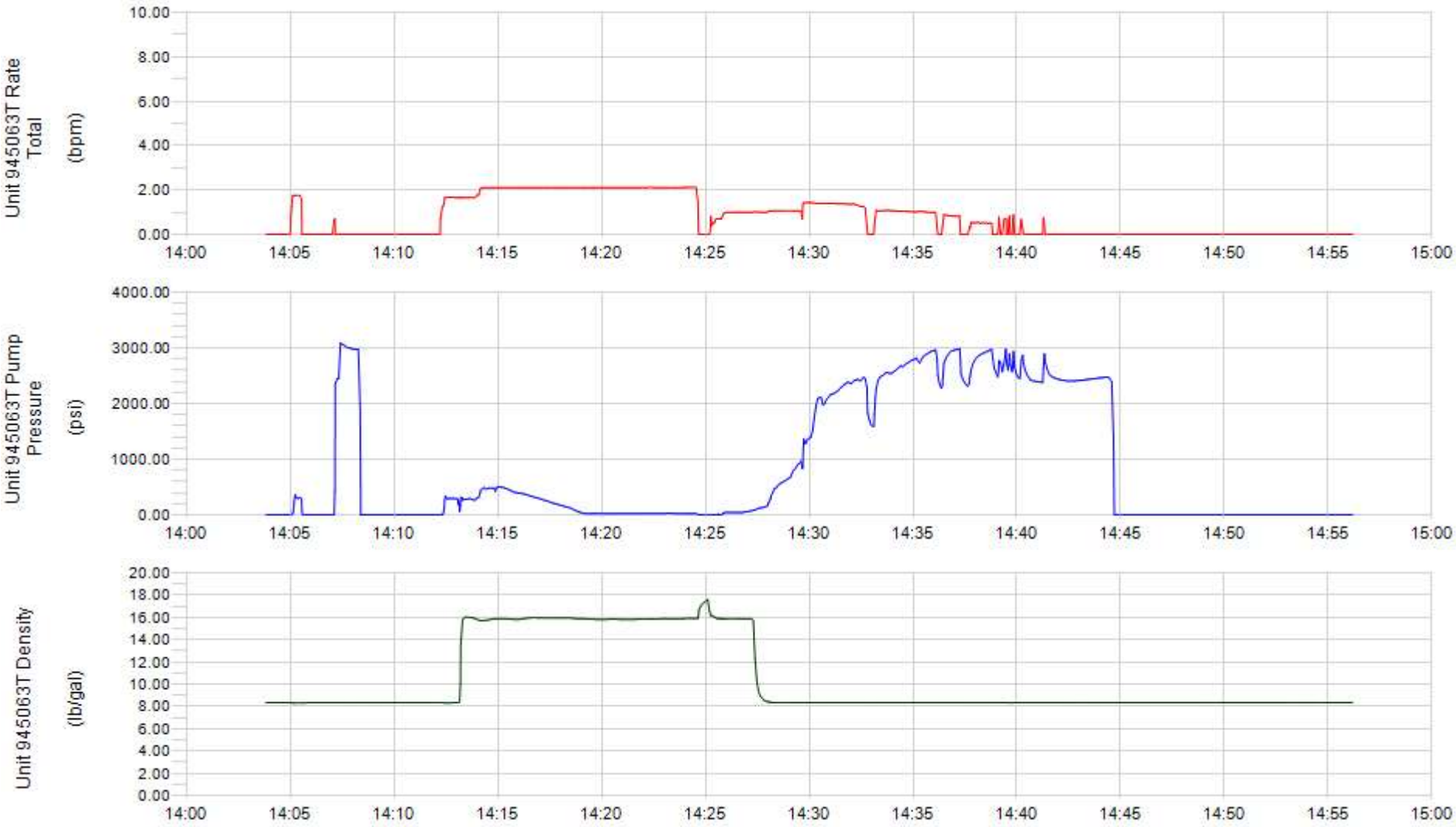
NEXTIER

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Customer: | OXY USA INC | | | Date: | 9-Jun-22 | Serv. Supervisor: | Jeff Kopp | | |
| Cust. Rep.: | Troy Spaulding | | | Ticket #: | BCO-2206-0017 | Serv. Center: | Brighton - 3021 | | |
| Well Name: | PLATTE 24-34 | RTS Date: | 9-Jun-22 | API Well #: | 0512324391 | County: | WELD (CO) | State: | COLORA |
| Well Type: | Oil | RTS Time: | 1:00 PM | Rig: | Brigade 14 | Type of Job: | CM-P2A-PERM. | | |

| | Date | Time | | Date | Time | | Date | Time |
|---|---|---|---|---|---|---|---|---|
| Left Yard: | 09-Jun-22 | 12:20 PM | Left Loc.: | 09-Jun-22 | 3:45 PM | Start Pump: | 09-Jun-22 | 1:44 PM |
| Arrived Loc.: | 09-Jun-22 | 1:00 PM | Returned Yd.: | 09-Jun-22 | 4:15 PM | End Pump: | 09-Jun-22 | 3:30 PM |

| TIME<br>Note: Red boxes indicate bad values! | Rate (bbl/min) | Csg. Press. (psi) | Tbg. Press (psi) | Ann. Press. (psi) | Stg. Vol. (bbl) | Cum. Vol. (bbl) | Stage Num. Stage # | Stage Details |
|---|---|---|---|---|---|---|---|---|
| 12:20 PM | | | | | | | | Left Yard or Current Location |
| 1:00 PM | | | | | | | 1 | ARRIVE ON LOCATION |
| 1:02 PM | | | | | | | 1 | PRE JOB SAFETY MEETING |
| 1:05 PM | | | | | | | 1 | SPOT EQUIPMENT |
| 1:10 PM | | | | | | | 1 | RIG UP IRON AND HOSES |
| 1:32 PM | | | | | | | 1 | SAFETY MEETING |
| 1:44 PM | 1.5 | | 290 | | 1.0 bbl | 1.0 bbl | 1 | FILL LINES |
| 1:46 PM | | | 3090 | | | | 1 | PRESSURE TEST |
| 1:48 PM | | | | | | | 1 | BATCH UP |
| 1:54 PM | 2 | | 488 | | 27.0 bbl | 28.0 bbl | 1 | PUMP 100SXS @15.8PPG 1.52Y 6.18WR |
| 2:07 PM | 1.3 | | 3000 | | 10.8 bbl | 38.8 bbl | 1 | DISPLACE |
| 2:23 PM | | | | | | | 1 | SHUT DOWN |
| 2:25 PM | | | | | | | 1 | WAIT ON RIG TO TRIP AND TO CIRCUALTE |
| 3:00 PM | | | | | | | 1 | WASH UP PUMPS AND LINES |
| 3:30 PM | | | | | | | 1 | RIG OUT |
| 3:45 PM | | | | | | | 1 | LEAVE LOCATION |

| | | | | | |
|---|---|---|---|---|---|
| Client | OXY | Client Rep | Troy S | Supervisor | Jeff Kopp |
| Ticket No. | 22060017 | Well Name | PLATTE 24-34 | Unit No. | 945063T |
| Location | | Job Type | Abandonment Plugs | Service District | Brighton Co |
| Comments | | | | Job Date | 06/09/2022 |



# NexTier Job Summary

| Ticket Number | Ticket Date |
|---|---|
| TN# BCO-2206-0020 | 6/10/2022 |

| COUNTY | COMPANY | API Number |
|---|---|---|
| WELD (CO) | OXY USA INC | 0512324391 |
| **WELL NAME** | **RIG** | **JOB TYPE** |
| PLATTE 24-34 | Brigade 14 | CM-P2A-PERM. |
| **SURFACE WELL LOCATION** | **CJES Field Supervisor** | **CUSTOMER REP** |
| 40.27083 -104.87011 | Garrick Williamson | Troy Spaulding |

EMPLOYEES

| | | |
|---|---|---|
| *RyanP* | | |
| *CarlosW* | | |
| | | |

## WELL PROFILE

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

Open Hole

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

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 3/8 | 4.7 | | 0 | 5778 | | |
| Production | 4.5 | 11.6 | | 0 | 5778 | | |
| | | | | | | | |

## CEMENT DATA

**Stage 1:** Type: **Shoe Plugs**

From Depth (ft): 5584 To Depth (ft): 5778

Volume (sacks): 11 Volume (bbls): 3

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| Nio Agm | 15.8 | 1.52 | 6.18 |

**Stage 2:** Type: **Surface Plug**

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 3:** Type: **Top Off**

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 4:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

## SUMMARY

| | | | | Stage 1 | Stage 2 |
|---|---|---|---|---|---|
| Preflushes: | 5 bbls of | Fresh Water | Calculated Displacement (bbl): | 21.6 | |
| | bbls of | | Actual Displacement (bbl): | 21.6 | |
| | bbls of | | | | |

| | | | | |
|---|---|---|---|---|
| TotalPreflush/Spacer Volume (bbl): | 5 | Plug Bump (Y/N): | N/a | Bump Pressure (psi): N/a |
| Total Slurry Volume (bbl): | 3 | Lost Returns (Y/N): | N | (if Y, when) |
| Total Fluid Pumped | 29.6 | | | |
| Returns to Surface: | | bbls | | |

Job Notes (fluids pumped / procedures / tools / etc.):

(Was going to do an injection squeeze rig couldn't get an injection rate so did a balance plug instead)…Load lines with a bbl pressure test to 2526 est circ batch up 25 sxs min pump 3 bbls @15.8ppg 1.52y 6.18wr displace 21.6 retainer@5778 est top of cement @5584 in pipe.....

Customer Representative Signature:

***Thank You For Using NexTier Completion Solutions***

# Cement Job Log

NexTier

NexTier Completion Solutions
3990 Rogerdale Rd., Houston, TX 77042
(713)325-6000

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Customer: | OXY USA INC | Date: | 10-Jun-22 | Serv. Supervisor: | Garrick Williamson | | |
| Cust. Rep.: | Troy Spaulding | Ticket #: | BCO-2206-0020 | Serv. Center | Brighton - 3021 | | |
| Well Name: | PLATTE 24-34 | API Well #: | 0512324391 | County: | WELD (CO) | State: | COLORADO |
| Well Type: | Oil | Rig: | Brigade 14 | Type of Job: | CM-P2A-PERM. | | |

Materials Furnished by NexTier

| Plugs | Casing Hardware | Physical Slurry Properties | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Sacks of Cement | Fluid Density (lb/gal) | Excess | Yield (cuft/sk) | Mix Water (gal/sk) | Fluid Volume (bbls) | Fluid Volume (cuft) | Mix Water (bbls) |
| 0 | | | | 0% | - | - | | - | |
| 5 bbl Water | | | | 0% | - | - | 5.00 | - | |
| Squeeze - Holes @ 5815' CICR @ 5785' | 100 % NCM-914 +35.0 % NWT-766+0.4 % NFL-551+0.3 % NDS-417+0.2 % NRT-213+0.4 % NFL-549 | 25 | 15.8 | 0% | 1.52 | 6.18 | 6.77 | 37.99 | 4 |
| 0 | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Displacement Chemicals:

| OPEN HOLE DATA | | | | | | TUBULAR DATA | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7.88 in. O.H. 768 to 5,815 ft | | | 4.5 in. 11.6#, ( 0 to 5,815 ft) | | | SIZE WEIGHT | THRD | DEPTH (ft) | GRADE | ID (in) | BURST (psi) | COLLAPSE (psi) |
| Ambient Tmp. | Bulk Tmp. | Slurry 1 Tmp. | Slurry 2 Tmp. | Slurry 3 Tmp. | Slurry 4 Tmp. | 2 3/8 4.7 | | 5778 | | | | |
| 80.0 °F | 80.0 °F | 92.0 °F | | | | | | | | | | |

| PREVIOUS CASING DATA | PERFORATED INTERVAL DATA | | | | CASING EQUIPMENT DEPTHS | | | |
|---|---|---|---|---|---|---|---|---|
| | TOP | BTM | SPF | SIZE | SHOE | FLOAT | STAGE | ACP |
| 8.625 in. 24# ( 0 to 768 ft) | | | | | | | | |

| WELL FLUID | | DISPLACEMENT FLUID | | | DIFF PRESS | CSG LIFT | MAX PRESS | Mix H2O Chlorides (ppm) | Mix H2O pH | Mix H2O Temp | WATER ON LOC (bbl) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE | DENSITY | VOLUME | TYPE | DENSITY | (psi) | (psi) | (psi) | | | | |
| Water | 8.3 ppg | | | | | | 1500 | 31 | 7 | 79.0 °F | 100 |

| Bumped Plug | Final Differential (psi) | Floats Held (Y/N) | PSI Left on Casing | Cement to Surface (bbl) | Top of Cement (ft) | Full Circ. During Job (Y/N) | Max Pump Pressure (psi) | Casing Rotation | Additional Hrs Charged (hrs) | Casing Reciprocation | Rathole Length (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 5,584 | Yes | 800.00 | | | | |

Comments/Additional Details:

Garrick Williamson — Service Supervisor

10-Jun-22 — Date

# Cement Job Log

NEXTIER

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Customer:** | OXY USA INC | | | **Date:** | 10-Jun-22 | **Serv. Supervisor:** | Garrick Williamson | | |
| **Cust. Rep.:** | Troy Spaulding | | | **Ticket #:** | BCO-2206-0020 | **Serv. Center:** | Brighton - 3021 | | |
| **Well Name:** | PLATTE 24-34 | **RTS Date:** | 10-Jun-22 | **API Well #:** | **0512324391** | **County:** | **WELD (CO)** | **State:** | COLORA |
| **Well Type:** | Oil | **RTS Time:** | 8:00 AM | **Rig:** | **Brigade 14** | Type of Job: | **CM-P2A-PERM.** | | |

| | Date | Time | | Date | Time | | Date | Time |
|---|---|---|---|---|---|---|---|---|
| **Left Yard:** | 10-Jun-22 | 10:15 AM | **Left Loc.:** | 10-Jun-22 | **1:00 PM** | **Start Pump:** | 10-Jun-22 | 11:44 AM |
| **Arrived Loc.:** | 10-Jun-22 | **10:55 AM** | **Returned Yd.:** | 10-Jun-22 | 2:00 PM | **End Pump:** | 10-Jun-22 | 12:01 PM |

| TIME<br>Note: Red boxes indicate bad values! | Rate (bbl/min) | Csg. Press. (psi) | Tbg. Press (psi) | Ann. Press. (psi) | Stg. Vol. (bbl) | Cum. Vol. (bbl) | Stage Num. Stage # | Stage Details |
|---|---|---|---|---|---|---|---|---|
| 10:15 AM | | | | | | | | Left Yard or Current Location |
| 10:55 AM | | | | | | | 1 | ARRIVE ON LOCATION |
| 11:00 AM | | | | | | | 1 | TAILGATE MEETING |
| 11:05 AM | | | | | | | 1 | SPOT EQUITMENT |
| 11:10 AM | | | | | | | 1 | RIG UP IRON AND HOSES |
| 11:20 AM | | | | | | | 1 | PRE JOB SAFETY MEETING |
| 11:44 AM | 1.5 | | 800 | | 1.0 bbl | 1.0 bbl | 1 | LOAD LINES |
| 11:46 AM | | | 2526 | | | | 1 | PRESSURE TEST |
| 11:48 AM | 1 | | 100 | | 4.0 bbl | 5.0 bbl | 1 | EST CIRC |
| 11:51 AM | 1.6 | | 408 | | 3.0 bbl | 8.0 bbl | 1 | BATCH UP MIN 25SXS PUMP 11SXS @ 15.8PPG 1.52Y 6.18WR |
| 11:53 AM | 2 | | 300 | | 21.6 bbl | 29.6 bbl | 1 | DISPLACE |
| 12:01 PM | | | | | | | 1 | SHUT DOWN |
| 12:10 PM | | | | | | | 1 | WASH UP |
| 12:30 PM | | | | | | | 1 | RIG DOWN IRON AND HOSES |
| 12:45 PM | | | | | | | 1 | AAR |
| 12:55 PM | | | | | | | 1 | LEAVE LOCATION |

# NexTier Job Summary

| Ticket Number | Ticket Date |
|---|---|
| TN# BCO-2206-0021 | 6/13/2022 |

| COUNTY | COMPANY | API Number |
|---|---|---|
| WELD (CO) | OXY USA INC | 0512324391 |
| **WELL NAME** | **RIG** | **JOB TYPE** |
| PLATTE 24-34 | Brigade 14 | CM-P2A-PERM. |
| **SURFACE WELL LOCATION** | **CJES Field Supervisor** | **CUSTOMER REP** |
| 40.27083 -104.87011 | Garrick Williamson | Troy Spaulding |

EMPLOYEES

| | | |
|---|---|---|
| *Ryan P* | | |
| *Gemal* | | |
| | | |

## WELL PROFILE

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

Open Hole

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

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 3/8 | 4.7 | | 0 | 4059 | | |
| Production | 4.5 | 11.6 | | 0 | 4095 | | |
| | | | | | | | |

## CEMENT DATA

**Stage 1:** Type: **Balance Plug**

From Depth (ft): 3865 To Depth (ft): 4059

Volume (sacks): 15 Volume (bbls): 3

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| Sussex Agm | 15.8 | 1.17 | 5.04 |

**Stage 2:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 3:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 4:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

## SUMMARY

| | | | | Stage 1 | Stage 2 |
|---|---|---|---|---|---|
| Preflushes: | 5 bbls of | Fresh Water | Calculated Displacement (bbl): | 14.9 | |
| | bbls of | | Actual Displacement (bbl): | 14.9 | |
| | bbls of | | | | |

TotalPreflush/Spacer Volume (bbl): 5

Total Slurry Volume (bbl): 3

Total Fluid Pumped 22.9

Returns to Surface: bbls

Plug Bump (Y/N): N/a Bump Pressure (psi): N/a

Lost Returns (Y/N): N (if Y, when)

Job Notes (fluids pumped / procedures / tools / etc.):

(Was going to do a sussex squeeze the rig could not get an injection rate through btm perf @4095 did a balance plug instead retainer set @4059)Load lines with a bbl pressure test to 2908 est circ batch up min 25sxs pump 15 sxs @ 15.8ppg 1.17y 5.04wr displace 14.9 est top of cement @3865 in pipe....

Customer Representative Signature:

***Thank You For Using NexTier Completion Solutions***

| NexTier | | Date | Time | DISTRICT |
|---|---|---|---|---|
| | YARD CALL | 6/13/2022 | 8:00 AM | Brighton - 3021 |
| | RTS DATE | 6/10/2022 | 3:00:00 PM | |

## Personnel/Equipment

| Driver | Assignment | 3 | Tractor | Trailer | Comments |
|---|---|---|---|---|---|
| Garrick W | Supervisor | | 131155 | 499084 | |
| Ryan P | Operator | Primary Pump Unit: | | 44-5026 | |
| | | Secondary Pump Unit: | | | |
| Gemal | Bulker | | | 990458 | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
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| | | | | | |
| | | | | | |

## BLEND INFO

643-JLPjob 3

| Amount | Units | System/Additives | Excess | Density (ppg) | Yield (cuft/sk) | Water Req. (gal/sk) |
|---|---|---|---|---|---|---|
| 0 | sx | 0 | | | | |
| 0.00 | | | 0% | | - | - |
| 0.00 | sx | 5 bbl Water | | | | |
| 5.00 | bbl | | 0% | | - | - |
| 100 | sx | Squeeze - Holes @ 4095' CICR @ 4065' | | | | |
| 20.91 | bbl | 100 % NCM-914<br>+0.4 % NFL-551+0.3 % NDS-417+0.25 % NFL-549+2.0 % NAC-101 | 0% | 15.8 | 1.17 | 5.04 |
| 0 | sx | 0 | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |

# Cement Job Log

NexTier

NexTier Completion Solutions
3990 Rogerdale Rd., Houston, TX 77042
(713)325-6000

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Customer: | OXY USA INC | Date: | 13-Jun-22 | Serv. Supervisor: | Garrick Williamson | | |
| Cust. Rep.: | Troy Spaulding | Ticket #: | BCO-2206-0021 | Serv. Center | Brighton - 3021 | | |
| Well Name: | PLATTE 24-34 | API Well #: | 0512324391 | County: | WELD (CO) | State: | COLORADO |
| Well Type: | Oil | Rig: | Brigade 14 | Type of Job: | CM-P2A-PERM. | | |

Materials Furnished by NexTier

| Plugs | Casing Hardware | Physical Slurry Properties | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Sacks of Cement | Fluid Density (lb/gal) | Excess | Yield (cuft/sk) | Mix Water (gal/sk) | Fluid Volume (bbls) | Fluid Volume (cuft) | Mix Water (bbls) |
| 0 | | | | 0% | - | - | | - | |
| 5 bbl Water | | | | 0% | - | - | 5.00 | - | |
| Squeeze - Holes @ 4095'<br>CICR @ 4065' | 100 % NCM-914<br>+0.4 % NFL-551+0.3 % NDS-417+0.25 % NFL-549+2.0 % NAC-101 | 25 | 15.8 | 0% | 1.17 | 5.04 | 5.23 | 29.35 | 3 |
| 0 | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Displacement Chemicals:

| OPEN HOLE DATA | | | TUBULAR DATA | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7.88 in. O.H. 768 to 4,095 ft | | | 4.5 in. 11.6#, ( 0 to 4,095 ft) | | | SIZE WEIGHT | THRD | DEPTH (ft) | GRADE | ID (in) | BURST (psi) | COLLAPSE (psi) |
| Ambient Tmp. | Bulk Tmp. | Slurry 1 Tmp. | Slurry 2 Tmp. | Slurry 3 Tmp. | Slurry 4 Tmp. | 2 3/8 4.7 | | 4059 | | | | |
| 92.0 °F | 92.0 °F | 98.0 °F | | | | | | | | | | |

| PREVIOUS CASING DATA | PERFORATED INTERVAL DATA | | | | CASING EQUIPMENT DEPTHS | | | |
|---|---|---|---|---|---|---|---|---|
| | TOP | BTM | SPF | SIZE | SHOE | FLOAT | STAGE | ACP |
| 8.625 in. 24# ( 0 to 768 ft) | | | | | | | | |

| WELL FLUID | | DISPLACEMENT FLUID | | | DIFF PRESS | CSG LIFT | MAX PRESS | Mix H2O Chlorides (ppm) | Mix H2O pH | Mix H2O Temp | WATER ON LOC (bbl) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE | DENSITY | VOLUME | TYPE | DENSITY | (psi) | (psi) | (psi) | | | | |
| Water | 8.3 ppg | | | | | | 1500 | 41 | 7 | 70.0 °F | 80 |

| Bumped Plug | Final Differential (psi) | Floats Held (Y/N) | PSI Left on Casing | Cement to Surface (bbl) | Top of Cement (ft) | Full Circ. During Job (Y/N) | Max Pump Pressure (psi) | Casing Rotation | Additional Hrs Charged (hrs) | Casing Reciprocation | Rathole Length (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 3,865 | Yes | 750.00 | | | | |

Comments/Additional Details:

Garrick Williamson — Service Supervisor

13-Jun-22 — Date

# Cement Job Log

NEXTIER

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Customer:** | OXY USA INC | | | **Date:** | 13-Jun-22 | **Serv. Supervisor:** | Garrick Williamson |
| **Cust. Rep.:** | Troy Spaulding | | | **Ticket #:** | BCO-2206-0021 | **Serv. Center:** | Brighton - 3021 |
| **Well Name:** | PLATTE 24-34 | **RTS Date:** | 10-Jun-22 | **API Well #:** | **0512324391** | **County:** **WELD (CO)** | **State:** COLORA |
| **Well Type:** | Oil | **RTS Time:** | 3:00 PM | **Rig:** | **Brigade 14** | Type of Job: **CM-P2A-PERM.** | |

| | Date | Time | | Date | Time | | Date | Time |
|---|---|---|---|---|---|---|---|---|
| **Left Yard:** | 13-Jun-22 | 10:00 AM | **Left Loc.:** | 13-Jun-22 | **12:30 PM** | **Start Pump:** | 13-Jun-22 | 11:15 AM |
| **Arrived Loc.:** | 13-Jun-22 | **10:30 AM** | **Returned Yd.:** | 13-Jun-22 | 1:30 PM | **End Pump:** | 13-Jun-22 | 11:28 AM |

| TIME<br>Note: Red boxes indicate bad values! | Rate (bbl/min) | Csg. Press. (psi) | Tbg. Press (psi) | Ann. Press. (psi) | Stg. Vol. (bbl) | Cum. Vol. (bbl) | Stage Num. Stage # | **Stage Details** |
|---|---|---|---|---|---|---|---|---|
| 10:00 AM | | | | | | | | Left Yard or Current Location |
| 10:30 AM | | | | | | | 1 | ARRIVE ON LOCATION |
| 10:35 AM | | | | | | | 1 | TAILGATE MEETING |
| 10:40 AM | | | | | | | 1 | SPOT EQUITMENT |
| 10:45 AM | | | | | | | 1 | RIG UP IRON AND HOSES |
| 10:55 AM | | | | | | | 1 | PRE JOB SAFETY MEETING |
| 11:15 AM | 1.5 | | 20 | | 1.0 bbl | 1.0 bbl | 1 | LOAD LINES |
| 11:16 AM | | | 2980 | | | | 1 | PRESSURE TEST |
| 11:17 AM | .5 | | 35 | | 4.0 bbl | 5.0 bbl | 1 | EST CIRC |
| 11:20 AM | 2 | | 330 | | 3.0 bbl | 8.0 bbl | 1 | BATCH UP MIN 25SXS PUMP 15 SXS @15.8PPG 1.17Y 5.04 WR |
| 11:22 AM | 3.5 | | 749 | | 14.9 bbl | 22.9 bbl | 1 | DISPLACE |
| 11:28 AM | | | | | | | 1 | SHUT DOWN |
| 11:30 AM | | | | | | | 1 | WASH UP |
| 11:45 AM | | | | | | | 1 | RIG DOWNIRON AND HOSES |
| 12:15 PM | | | | | | | 1 | AAR |
| 12:30 PM | | | | | | | 1 | LEAVE LOCATION |

| | | | | | |
|---|---|---|---|---|---|
| Client | OXY | Client Rep | TROY SPAULDING | Supervisor | GARRICK WILLIAMSON |
| Ticket No. | 22060021 | Well Name | PLATTE 24-34 | Unit No. | 445053 |
| Location | | Job Type | Abandonment Plugs | Service District | BRIGHTON |
| Comments | | | | Job Date | 06/13/2022 |

# NexTier Job Summary

| Ticket Number | Ticket Date |
|---|---|
| TN# BCO-2206-0024 | 6/14/2022 |

| COUNTY | COMPANY | API Number |
|---|---|---|
| WELD (CO) | OXY USA INC | 0512324391 |
| **WELL NAME** | **RIG** | **JOB TYPE** |
| PLATTE 24-34 | Brigade 14 | CM-P2A-PERM. |
| **SURFACE WELL LOCATION** | **CJES Field Supervisor** | **CUSTOMER REP** |
| 40.27083 -104.87011 | Garrick Williamson | Troy Spaulding |

EMPLOYEES

| | | |
|---|---|---|
| *Ryan P* | | |
| *Gemal* | | |
| *Carlos W* | | |

## WELL PROFILE

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

Open Hole

| | Size (in) | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
|---|---|---|---|---|---|
| 1 | 7 7/8 | 768 | 3000 | | |
| 2 | | | | | |

Casing/Tubing/Drill Pipe

| 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 | 3000 | | |
| | | | | | | | |
| | | | | | | | |

## CEMENT DATA

**Stage 1:** Type: **Squeeze**

From Depth (ft): 2300 To Depth (ft): 3000

Volume (sacks): 220 Volume (bbls): 47

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| Lower Agm | 15.8 | 1.20 | 5.13 |

**Stage 2:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 3:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 4:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

## SUMMARY

| | | | | Stage 1 | Stage 2 |
|---|---|---|---|---|---|
| Preflushes: | 10 bbls of | SAPP | Calculated Displacement (bbl): | 35.6 | |
| | 6 bbls of | Fresh Water | Actual Displacement (bbl): | 35.6 | |
| | bbls of | | | | |

| | | | |
|---|---|---|---|
| TotalPreflush/Spacer Volume (bbl): | 16 | Plug Bump (Y/N): N/a | Bump Pressure (psi): N/a |
| Total Slurry Volume (bbl): | 47 | Lost Returns (Y/N): N | (if Y, when) |
| Total Fluid Pumped | 98.6 | | |
| Returns to Surface: | | bbls | |

Job Notes (fluids pumped / procedures / tools / etc.):

Load lines with a bbl pressure test to 2465 pump 100 lbs sapp followed by 5 fresh mix and pump 220 sxs @ 15.8ppg 1.20y 5.13wr displace 35.6 btm perf @3000 est top of cement @ 2300 in pipe…

Customer Representative Signature:

***Thank You For Using NexTier Completion Solutions***

| NEXTIER | | Date | Time | DISTRICT |
|---|---|---|---|---|
| | YARD CALL | 6/14/2022 | 6:30 AM | *Brighton - 3021* |
| | RTS DATE | 6/13/2022 | 3:00:00 PM | |

## Personnel/Equipment

| *Driver* | *Assignment* | *4* | *Tractor* | *Trailer* | *Comments* |
|---|---|---|---|---|---|
| Garruick W | Supervisor | | **131155** | **499084** | |
| Ryan P | Operator | **Primary Pump Unit:** | | **44-5026** | |
| | | **Secondary Pump Unit:** | | | |
| Gemal | Bulker | | | **990458** | |
| Carlos W | Bulker | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

## BLEND INFO

643-JLPjob 4

| Amount | Units | System/Additives | Excess | Density (ppg) | Yield (cuft/sk) | Water Req. (gal/sk) |
|---|---|---|---|---|---|---|
| 0 | sx | **0** | | | | |
| 0.00 | | | 0% | | - | - |
| 0.00 | sx | **5 bbl Water** | | | | |
| 5.00 | bbl | | 0% | | - | - |
| 220 | sx | **Squeeze - Holes @ 3000'** | | | | |
| 46.45 | bbl | 100 % NCM-914<br>+0.4 % NFL-551+4.0 % NAC-101+1.0 % NAC-110 | 25% | 15.8 | 1.20 | 5.13 |
| 0 | sx | **0** | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |

# Cement Job Log

NexTier

NexTier Completion Solutions
3990 Rogerdale Rd., Houston, TX 77042
(713)325-6000

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Customer: | OXY USA INC | Date: | 14-Jun-22 | Serv. Supervisor: | Garrick Williamson | | |
| Cust. Rep.: | Troy Spaulding | Ticket #: | BCO-2206-0024 | Serv. Center | Brighton - 3021 | | |
| Well Name: | PLATTE 24-34 | API Well #: | 0512324391 | County: | WELD (CO) | State: | COLORADO |
| Well Type: | Oil | Rig: | Brigade 14 | Type of Job: | CM-P2A-PERM. | | |

Materials Furnished by NexTier

| Plugs | Casing Hardware | Physical Slurry Properties | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Sacks of Cement | Fluid Density (lb/gal) | Excess | Yield (cuft/sk) | Mix Water (gal/sk) | Fluid Volume (bbls) | Fluid Volume (cuft) | Mix Water (bbls) |
| 0 | | | | 0% | - | - | | - | |
| 5 bbl Water | | | | 0% | - | - | 5.00 | - | |
| Squeeze - Holes @ 3000' | 100 % NCM-914<br>+0.4 % NFL-551+4.0 % NAC-101+1.0 % NAC-110 | 220 | 15.8 | 25% | 1.20 | 5.13 | 47.02 | 264.03 | 27 |
| 0 | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Displacement Chemicals:

| OPEN HOLE DATA | | | TUBULAR DATA | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 7.88 in. O.H. 768 to 3,000 ft | | | 4.5 in. 11.6#, ( 0 to 3,000 ft) | | | SIZE WEIGHT | THRD | DEPTH (ft) | GRADE | ID (in) | BURST (psi) | COLLAPSE (psi) |
| Ambient Tmp. | Bulk Tmp. | Slurry 1 Tmp. | Slurry 2 Tmp. | Slurry 3 Tmp. | Slurry 4 Tmp. | | | | | | | |
| 83.0 °F | 83.0 °F | 90.0 °F | | | | | | | | | | |

| PREVIOUS CASING DATA | PERFORATED INTERVAL DATA | | | | CASING EQUIPMENT DEPTHS | | | |
|---|---|---|---|---|---|---|---|---|
| 8.625 in. 24# ( 0 to 768 ft) | TOP | BTM | SPF | SIZE | SHOE | FLOAT | STAGE | ACP |
| | | | | | | | | |
| | | | | | | | | |

| WELL FLUID | | DISPLACEMENT FLUID | | | DIFF PRESS | CSG LIFT | MAX PRESS | Mix H2O Chlorides (ppm) | Mix H2O pH | Mix H2O Temp | WATER ON LOC (bbl) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE | DENSITY | VOLUME | TYPE | DENSITY | (psi) | (psi) | (psi) | | | | |
| Water | 8.3 ppg | | | | | | 1500 | 41 | 7 | 68.0 °F | 120 |

| Bumped Plug | Final Differential (psi) | Floats Held (Y/N) | PSI Left on Casing | Cement to Surface (bbl) | Top of Cement (ft) | Full Circ. During Job (Y/N) | Max Pump Pressure (psi) | Casing Rotation | Additional Hrs Charged (hrs) | Casing Reciprocation | Rathole Length (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 2,300 | Yes | 600.00 | | | | |

Comments/Additional Details:

Garrick Williamson — Service Supervisor

14-Jun-22 — Date

# Cement Job Log

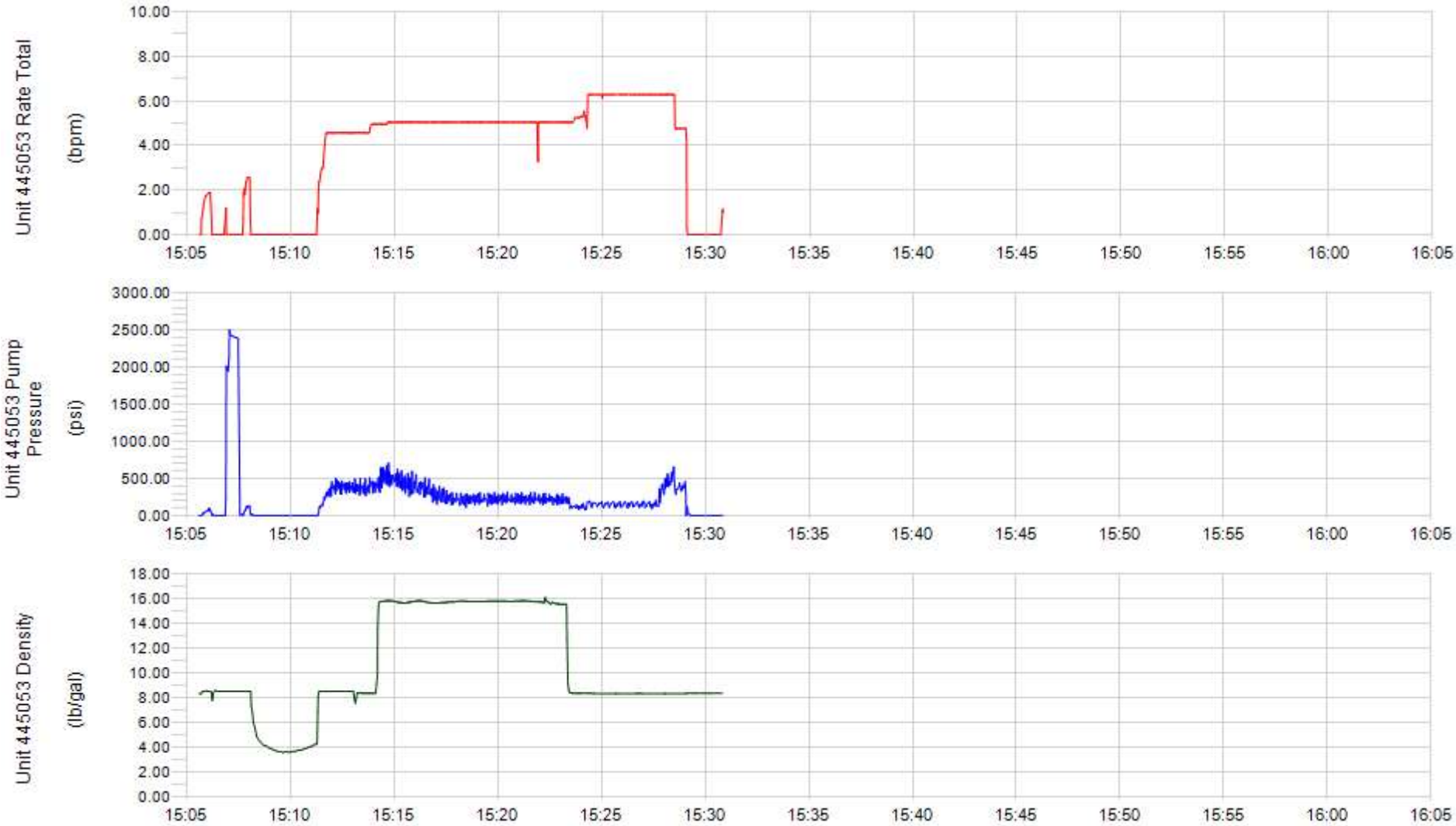
NEXTIER

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Customer:** | OXY USA INC | | | **Date:** | 14-Jun-22 | **Serv. Supervisor:** | Garrick Williamson | | |
| **Cust. Rep.:** | Troy Spaulding | | | **Ticket #:** | BCO-2206-0024 | **Serv. Center:** | Brighton - 3021 | | |
| **Well Name:** | PLATTE 24-34 | **RTS Date:** | 13-Jun-22 | **API Well #:** | **0512324391** | **County:** | **WELD (CO)** | **State:** | COLORA |
| **Well Type:** | Oil | **RTS Time:** | 3:00 PM | **Rig:** | **Brigade 14** | **Type of Job:** | **CM-P2A-PERM.** | | |

| | Date | Time | | Date | Time | | Date | Time |
|---|---|---|---|---|---|---|---|---|
| **Left Yard:** | 14-Jun-22 | 1:00 PM | **Left Loc.:** | 14-Jun-22 | **4:00 PM** | **Start Pump:** | 14-Jun-22 | 2:57 PM |
| **Arrived Loc.:** | 14-Jun-22 | **1:30 PM** | **Returned Yd.:** | 14-Jun-22 | 5:00 PM | **End Pump:** | 14-Jun-22 | 3:20 PM |

| TIME<br>Note: Red boxes indicate bad values! | Rate (bbl/min) | Csg. Press. (psi) | Tbg. Press (psi) | Ann. Press. (psi) | Stg. Vol. (bbl) | Cum. Vol. (bbl) | Stage Num. Stage # | Stage Details |
|---|---|---|---|---|---|---|---|---|
| 1:00 PM | | | | | | | | Left Yard or Current Location |
| 1:30 PM | | | | | | | 1 | ARRIVE ON LOCATION |
| 1:35 PM | | | | | | | 1 | TAILGATE MEETING |
| 1:40 PM | | | | | | | 1 | SPOTEQUITMENT |
| 1:45 PM | | | | | | | 1 | RIG UP IRON AND HOSES |
| 2:00 PM | | | | | | | 1 | WAIT ON RIG |
| 2:45 PM | | | | | | | 1 | PRE JOB SAFETY MEETING |
| 2:57 PM | 2 | | 60 | | 1.0 bbl | 1.0 bbl | 1 | LOAD LINES |
| 2:58 PM | | | 2465 | | | | 1 | PRESSURE TEST |
| 3:00 PM | 5 | | 399 | | 10.0 bbl | 11.0 bbl | 1 | PUMP 100 LBS SAPP |
| 3:05 PM | 5 | | 399 | | 5.0 bbl | 16.0 bbl | 1 | FRESH WATER |
| 3:07 PM | 5.5 | | 408 | | 47.0 bbl | 63.0 bbl | 1 | MIX AND PUMP 220 SXS @ 15.8PPG 1.20Y 5.13WR |
| 3:15 PM | 6.5 | | 600 | | 35.6 bbl | 98.6 bbl | 1 | DISPLACE |
| 3:20 PM | | | | | | | 1 | SHUT DOWN |
| 3:25 PM | | | | | | | 1 | WASH UP |
| 3:40 PM | | | | | | | 1 | RIG DOWN IRON AND HOSES |
| 3:55 PM | | | | | | | 1 | AAR |
| 4:00 PM | | | | | | | 1 | LEAVE LOCATION |

| | | | | | |
|---|---|---|---|---|---|
| Client | OXY | Client Rep | TROY SPAULDING | Supervisor | GARRICK WILLIAMSON |
| Ticket No. | 22060024 | Well Name | PLATTE 24-34 | Unit No. | 445053 |
| Location | | Job Type | Abandonment Plugs | Service District | BRIGHTON |
| Comments | | | | Job Date | 06/14/2022 |



# NexTier Job Summary

| Ticket Number | Ticket Date |
|---|---|
| TN# BCO-2206-0029 | 6/17/2022 |

| COUNTY | COMPANY | API Number |
|---|---|---|
| WELD (CO) | OXY USA INC | 0512324391 |
| **WELL NAME** | **RIG** | **JOB TYPE** |
| PLATTE 24-34 | Brigade 14 | CM-P2A-PERM. |
| **SURFACE WELL LOCATION** | **CJES Field Supervisor** | **CUSTOMER REP** |
| 40.27083 -104.87011 | Jeff Kopp | Troy Spaulding |

| EMPLOYEES | | |
|---|---|---|
| *AJ S.* | | |
| *Mike A* | | |
| *Gemeyel* | | |

## WELL PROFILE

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

Open Hole

| | Size (in) | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
|---|---|---|---|---|---|
| 1 | 7.88 | 768 | 2004 | | |
| 2 | | | | | |

Casing/Tubing/Drill Pipe

| Type | Size (in) | Weight (lb/ft) | Grade | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
|---|---|---|---|---|---|---|---|
| Production | 4 1/2 | 11.6 | | 0 | 2004 | | |
| | | | | | | | |
| | | | | | | | |

## CEMENT DATA

**Stage 1:** Type: **Squeeze**

From Depth (ft): 1300 To Depth (ft): 2004

Volume (sacks): 220 Volume (bbls): 47

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | 15.8 | 1.20 | 5.13 |

**Stage 2:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 3:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 4:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

## SUMMARY

| | | | | Stage 1 | Stage 2 |
|---|---|---|---|---|---|
| Preflushes: | 10 bbls of | Fresh Water | Calculated Displacement (bbl): | 21.1 | |
| | bbls of | | Actual Displacement (bbl): | 21.1 | |
| | bbls of | | | | |

| | | | | | |
|---|---|---|---|---|---|
| TotalPreflush/Spacer Volume (bbl): | 10 | Plug Bump (Y/N): | N/A | Bump Pressure (psi): | N/A |
| Total Slurry Volume (bbl): | 47 | Lost Returns (Y/N): | N | (if Y, when) | |
| Total Fluid Pumped | 57 | | | | |
| Returns to Surface: | | bbls | | | |

Job Notes (fluids pumped / procedures / tools / etc.):

Filled lines and pressure tested to 2500psi. Pumped fresh water ahead of cement then mix and pumped 220sxs @15.8ppg 1.20y 5.13wr. Displace to TOC.

Customer Representative Signature:

***Thank You For Using NexTier Completion Solutions***

| NEXTIER | | Date | Time | DISTRICT |
|---|---|---|---|---|
| | YARD CALL | 6/17/2022 | 7:30 AM | *Brighton - 3021* |
| | RTS DATE | 6/17/2022 | 9:30:00 AM | |

## Personnel/Equipment

| *Driver* | *Assignment* | *4* | *Tractor* | *Trailer* | *Comments* |
|---|---|---|---|---|---|
| Jeff K | Supervisor | | **131152** | **449095** | |
| Mike A | Pump Operator | **Primary Pump Unit:** | | **97-0089** | |
| | | **Secondary Pump Unit:** | | | |
| AJ S. | Bulker | | | **990477** | |
| Gemeyel | Bulker | | | | |
| | | | | | |
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| | | | | | |

## BLEND INFO

643-JLPjob 5

| Amount | Units | System/Additives | Excess | Density (ppg) | Yield (cuft/sk) | Water Req. (gal/sk) |
|---|---|---|---|---|---|---|
| 0 | sx | **0** | | | | |
| 0.00 | | | 0% | | - | - |
| 0.00 | sx | **5 bbl Water** | | | | |
| 5.00 | bbl | | 0% | | - | - |
| 220 | sx | **Squeeze - Holes @ 2000'** | | | | |
| 46.45 | bbl | 100 % NCM-914<br>+0.4 % NFL-551+4.0 % NAC-101+1.0 % NAC-110 | 25% | 15.8 | 1.20 | 5.13 |
| 0 | sx | **0** | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |

# Cement Job Log

NexTier

NexTier Completion Solutions
3990 Rogerdale Rd., Houston, TX 77042
(713)325-6000

| | | | | | |
|---|---|---|---|---|---|
| Customer: | OXY USA INC | Date: | 17-Jun-22 | Serv. Supervisor: | Jeff Kopp |
| Cust. Rep.: | Troy Spaulding | Ticket #: | BCO-2206-0029 | Serv. Center | Brighton - 3021 |
| Well Name: | PLATTE 24-34 | API Well #: | 0512324391 | County: WELD (CO) | State: COLORADO |
| Well Type: | Oil | Rig: | Brigade 14 | Type of Job: | CM-P2A-PERM. |

Materials Furnished by NexTier

| Plugs | Casing Hardware | Sacks of Cement | Fluid Density (lb/gal) | Excess | Yield (cuft/sk) | Mix Water (gal/sk) | Fluid Volume (bbls) | Fluid Volume (cuft) | Mix Water (bbls) |
|---|---|---|---|---|---|---|---|---|---|
| N/A | N/A | | | | | | | | |
| N/A | N/A | | | | | | | | |
| 0 | | | | 0% | - | - | | - | |
| 5 bbl Water | | | | 0% | - | - | 5.00 | - | |
| Squeeze - Holes @ 2000' | 100 % NCM-914<br>+0.4 % NFL-551+4.0 % NAC-101+1.0 % NAC-110 | 220 | 15.8 | 25% | 1.20 | 5.13 | 47.02 | 264.03 | 27 |
| 0 | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Physical Slurry Properties

Displacement Chemicals: N/A

| OPEN HOLE DATA | | | TUBULAR DATA | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7.88 in. O.H. 768 to 2,000 ft | | | 4.5 in. 11.6#, ( 0 to 2,000 ft) | | | SIZE WEIGHT | THRD | DEPTH (ft) | GRADE | ID (in) | BURST (psi) | COLLAPSE (psi) |
| Ambient Tmp. | Bulk Tmp. | Slurry 1 Tmp. | Slurry 2 Tmp. | Slurry 3 Tmp. | Slurry 4 Tmp. | N/A | | N/A | N/A | N/A | N/A | N/A |
| 73.0 °F | 73.0 °F | 82.0 °F | N/A | N/A | N/A | N/A | | N/A | N/A | N/A | N/A | N/A |

| PREVIOUS CASING DATA | PERFORATED INTERVAL DATA | | | | CASING EQUIPMENT DEPTHS | | | |
|---|---|---|---|---|---|---|---|---|
| | TOP | BTM | SPF | SIZE | SHOE | FLOAT | STAGE | ACP |
| 8.625 in. 24# ( 0 to 768 ft) | N/A | 2004 | N/A | N/A | N/A | N/A | N/A | N/A |
| | N/A | N/A | N/A | N/A | | | | |

| WELL FLUID | | | DISPLACEMENT FLUID | | DIFF PRESS | CSG LIFT | MAX PRESS | Mix H2O Chlorides (ppm) | Mix H2O pH | Mix H2O Temp | WATER ON LOC (bbl) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE | DENSITY | VOLUME | TYPE | DENSITY | (psi) | (psi) | (psi) | | | | |
| WATER BASED | 8.3 ppg | 21.1 bbl | H20 | 8.3 ppg | N/A | N/A | | 49 | 7 | 65.0 °F | 100 |

| Bumped Plug | Final Differential (psi) | Floats Held (Y/N) | PSI Left on Casing | Cement to Surface (bbl) | Top of Cement (ft) | Full Circ. During Job (Y/N) | Max Pump Pressure (psi) | Casing Rotation | Additional Hrs Charged (hrs) | Casing Reciprocation | Rathole Length (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1,300 | Yes | | | | | |

Comments/Additional Details:

Jeff Kopp — Service Supervisor

17-Jun-22 — Date

# Cement Job Log

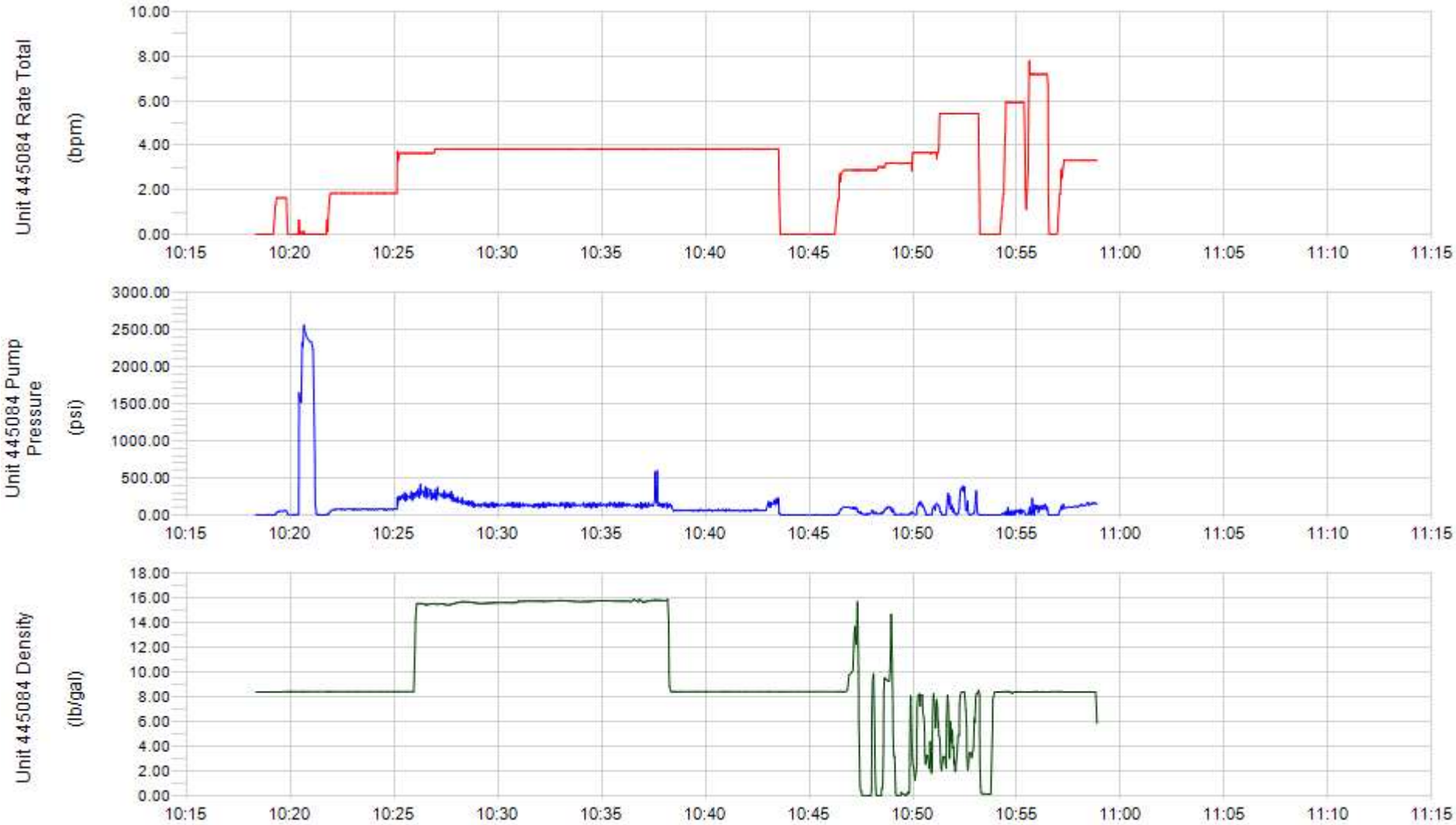
NEXTIER

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Customer: | OXY USA INC | | | Date: | 17-Jun-22 | Serv. Supervisor: | Jeff Kopp |
| Cust. Rep.: | Troy Spaulding | | | Ticket #: | BCO-2206-0029 | Serv. Center: | Brighton - 3021 |
| Well Name: | PLATTE 24-34 | RTS Date: | 17-Jun-22 | API Well #: | 0512324391 | County: WELD (CO) | State: COLORA |
| Well Type: | Oil | RTS Time: | 9:30 AM | Rig: | Brigade 14 | Type of Job: | CM-P2A-PERM. |

| | Date | Time | | Date | Time | | Date | Time |
|---|---|---|---|---|---|---|---|---|
| Left Yard: | 17-Jun-22 | 9:00 AM | Left Loc.: | 17-Jun-22 | 11:20 AM | Start Pump: | 17-Jun-22 | 10:20 AM |
| Arrived Loc.: | 17-Jun-22 | 9:32 AM | Returned Yd.: | 17-Jun-22 | 11:50 AM | End Pump: | 17-Jun-22 | 11:05 AM |

| TIME<br>Note: Red boxes indicate bad values! | Rate (bbl/min) | Csg. Press. (psi) | Tbg. Press (psi) | Ann. Press. (psi) | Stg. Vol. (bbl) | Cum. Vol. (bbl) | Stage Num. Stage # | Stage Details |
|---|---|---|---|---|---|---|---|---|
| 9:00 AM | | | | | | | | Left Yard or Current Location |
| 9:32 AM | | | | | | | 1 | ARRIVE ON LOCATION |
| 9:33 AM | | | | | | | 1 | PRE JOB SAFETY MEETING |
| 9:35 AM | | | | | | | 1 | SPOT EQUIPMENT |
| 9:50 AM | | | | | | | 1 | SAFETY MEETING |
| 10:05 AM | | | | | | | 1 | RIG UP IRON AND HOSES |
| 10:20 AM | 1.7 | 50 | | | 1.0 bbl | 1.0 bbl | 1 | FILL LINES |
| 10:21 AM | | 2500 | | | | | 1 | PRESSURE TEST |
| 10:23 AM | 2 | 78 | | | 10.0 bbl | 11.0 bbl | 1 | FRESH WATER |
| 10:27 AM | 4 | 321 | | | 47.0 bbl | 58.0 bbl | 1 | MIX AND PUMP 220SXS @15.8PPG 1.20Y 5.13WR |
| 10:39 AM | 4 | 169 | | | 21.1 bbl | 79.1 bbl | 1 | DISPLACE |
| 10:44 AM | | | | | | | 1 | SHUT DOWN |
| 10:46 AM | | | | | | | 1 | WASH UP PUMPS AND LINES |
| 11:05 AM | | | | | | | 1 | RIG OUT |
| 11:20 AM | | | | | | | 1 | LEAVE LOCATION |

| | | | | | |
|---|---|---|---|---|---|
| Client | OXY | Client Rep | Troy | Supervisor | Jeff Kopp |
| Ticket No. | 22060029 | Well Name | PLATTE 24-34 | Unit No. | 445084 |
| Location | | Job Type | Abandonment Plugs | Service District | Brighton Co |
| Comments | | | | Job Date | 06/17/2022 |



# NexTier Job Summary

| Ticket Number | Ticket Date |
|---|---|
| TN# BCO-2206-0030 | 6/21/2022 |

| COUNTY | COMPANY | API Number |
|---|---|---|
| WELD (CO) | OXY USA INC | 0512324391 |
| **WELL NAME** | **RIG** | **JOB TYPE** |
| PLATTE 24-34 | Brigade 14 | CM-P2A-PERM. |
| **SURFACE WELL LOCATION** | **CJES Field Supervisor** | **CUSTOMER REP** |
| 40.27083 -104.87011 | Jeff Kopp | Troy Spaulding |

EMPLOYEES

| | | |
|---|---|---|
| *Aj S.* | | |
| *Mike A* | | |
| *Geyemel* | | |

## WELL PROFILE

| | | | |
|---|---|---|---|
| Max Treating Pressure (psi): | 1000 | Bottom Hole Static Temperature (°F): | |
| Bottom Hole Circulating Temperature (°F): | | Well Type: | |

Open Hole

| | Size (in) | TMD From (ft) | TMD to (ft) | TVD From (Ft) | TVD to (Ft) |
|---|---|---|---|---|---|
| 1 | 7.88 | 768 | 1210 | | |
| 2 | | | | | |

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 5/8 | 24 | | 0 | 768 | | |
| Tubing | 2 3/8 | 4.7 | | 0 | 1210 | | |
| | | | | | | | |

## CEMENT DATA

**Stage 1:** Type: **Shoe Plugs**

From Depth (ft): 572 To Depth (ft): 1210

Volume (sacks): 305 Volume (bbls): 65.7

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | 15.8 | 1.21 | 5.13 |

**Stage 2:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 3:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 4:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

## SUMMARY

| | | | | Stage 1 | Stage 2 |
|---|---|---|---|---|---|
| Preflushes: | 5 bbls of | SAPP | Calculated Displacement (bbl): | 2.2 | |
| | 5 bbls of | Fresh Water | Actual Displacement (bbl): | 2.2 | |
| | bbls of | | | | |

| | | | |
|---|---|---|---|
| TotalPreflush/Spacer Volume (bbl): | 10 | Plug Bump (Y/N): N/A | Bump Pressure (psi): N/A |
| Total Slurry Volume (bbl): | 65.7 | Lost Returns (Y/N): N | (if Y, when) |
| Total Fluid Pumped | 75.7 | | |
| Returns to Surface: | Cement 0 bbls | | |

Job Notes (fluids pumped / procedures / tools / etc.): Filled lines and pressure tested to 2150psi. Pumped 5bbls of SAPP followed by 5bbls of fresh water. Mix and pump 305sxs @15.8ppg 1.21y 5.13wr. Displace to TOC.

Customer Representative Signature:

***Thank You For Using NexTier Completion Solutions***

| NEXTIER | | Date | Time | DISTRICT |
|---|---|---|---|---|
| | YARD CALL | 6/21/2022 | 8:00 AM | *Brighton - 3021* |
| | RTS DATE | 6/21/2022 | 3:00:00 PM | |

## Personnel/Equipment

| *Driver* | *Assignment* | *4* | *Tractor* | *Trailer* | *Comments* |
|---|---|---|---|---|---|
| Jeff K | Supervisor | | **131152** | **449095** | |
| Mike A | Pump Operator | **Primary Pump Unit:** | | **97-0078** | |
| | | **Secondary Pump Unit:** | | | |
| Geyemel | Bulker | | | **990459** | |
| Aj S. | Bulker | | | | |
| | | | | | |
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## BLEND INFO

643-JLPjob 6

| Amount | Units | System/Additives | Excess | Density (ppg) | Yield (cuft/sk) | Water Req. (gal/sk) |
|---|---|---|---|---|---|---|
| 0 | sx | **0** | | | | |
| 0.00 | | | 0% | | - | - |
| 0.00 | sx | **10 bbl Mudflush - 10 bbl Water + 100 lb SAPP** | | | | |
| 10.00 | bbl | +10.0 PPB NSP-890 | 0% | | (0.01) | (1.20) |
| 0 | sx | **5 bbl Water** | | | | |
| 5.00 | bbl | | 0% | | | |
| 305 | sx | **Shoe Plug - Casting Cut and Pulled @ 1200'** | | | | |
| 64.85 | bbl | 100 % NCM-914<br>+0.4 % NFL-551+4.0 % NAC-101+2.0 % NAC-110 | 100% | 15.8 | 1.21 | 5.13 |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |
| 0 | sx | | | | | |
| 0.00 | | | 0% | | | |

# Cement Job Log

NexTier

NexTier Completion Solutions
3990 Rogerdale Rd., Houston, TX 77042
(713)325-6000

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Customer: | OXY USA INC | Date: | 21-Jun-22 | Serv. Supervisor: | Jeff Kopp | | |
| Cust. Rep.: | Troy Spaulding | Ticket #: | BCO-2206-0030 | Serv. Center | Brighton - 3021 | | |
| Well Name: | PLATTE 24-34 | API Well #: | 0512324391 | County: | WELD (CO) | State: | COLORADO |
| Well Type: | Oil | Rig: | Brigade 14 | Type of Job: | CM-P2A-PERM. | | |

Materials Furnished by NexTier

| Plugs | Casing Hardware | Physical Slurry Properties | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Sacks of Cement | Fluid Density (lb/gal) | Excess | Yield (cuft/sk) | Mix Water (gal/sk) | Fluid Volume (bbls) | Fluid Volume (cuft) | Mix Water (bbls) |
| 0 | | | | 0% | - | - | | - | |
| 10 bbl Mudflush - 10 bbl Water + 100 lb SAPP | +10.0 PPB NSP-890 | | | 0% | (0.01) | (1.20) | 10.00 | - | |
| 5 bbl Water | | | | 0% | - | - | 5.00 | - | |
| Shoe Plug - Casting Cut and Pulled @ 1200' | 100 % NCM-914<br>+0.4 % NFL-551+4.0 % NAC-101+2.0 % NAC-110 | 305 | 15.8 | 100% | 1.21 | 5.13 | 65.64 | 368.56 | 37 |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Displacement Chemicals: N/A

| OPEN HOLE DATA | | | | | | TUBULAR DATA | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7.88 in. O.H. 768 to 1,200 ft | | | | | | SIZE WEIGHT | THRD | DEPTH (ft) | GRADE | ID (in) | BURST (psi) | COLLAPSE (psi) |
| Ambient Tmp. | Bulk Tmp. | Slurry 1 Tmp. | Slurry 2 Tmp. | Slurry 3 Tmp. | Slurry 4 Tmp. | 2 3/8 4.7# | | 1210 | J-55 | 2 | N/A | NA |
| 84.0 °F | 84.0 °F | 85.0 °F | N/A | N/A | N/A | N/A | | N/A | N/A | N/A | N/A | NA |

| PREVIOUS CASING DATA | PERFORATED INTERVAL DATA | | | | CASING EQUIPMENT DEPTHS | | | |
|---|---|---|---|---|---|---|---|---|
| | TOP | BTM | SPF | SIZE | SHOE | FLOAT | STAGE | ACP |
| 8.625 in. 24# ( 0 to 768 ft) | N/A | N/A | N/A | N/A | 768 | N/A | N/A | NA |
| | N/A | N/A | N/A | N/A | | | | |

| WELL FLUID | | DISPLACEMENT FLUID | | | DIFF PRESS | CSG LIFT | MAX PRESS | Mix H2O Chlorides (ppm) | Mix H2O pH | Mix H2O Temp | WATER ON LOC (bbl) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE | DENSITY | VOLUME | TYPE | DENSITY | (psi) | (psi) | (psi) | | | | |
| WATER BASED | 8.3 ppg | 2.2 bbl | H20 | 8.3 ppg | N/A | N/A | 1000 | 49 | 7 | 68.0 °F | 90 |

| Bumped Plug | Final Differential (psi) | Floats Held (Y/N) | PSI Left on Casing | Cement to Surface (bbl) | Top of Cement (ft) | Full Circ. During Job (Y/N) | Max Pump Pressure (psi) | Casing Rotation | Additional Hrs Charged (hrs) | Casing Reciprocation | Rathole Length (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 572 | Yes | | | | | |

Comments/Additional Details:

Jeff Kopp — Service Supervisor

21-Jun-22 — Date

# Cement Job Log

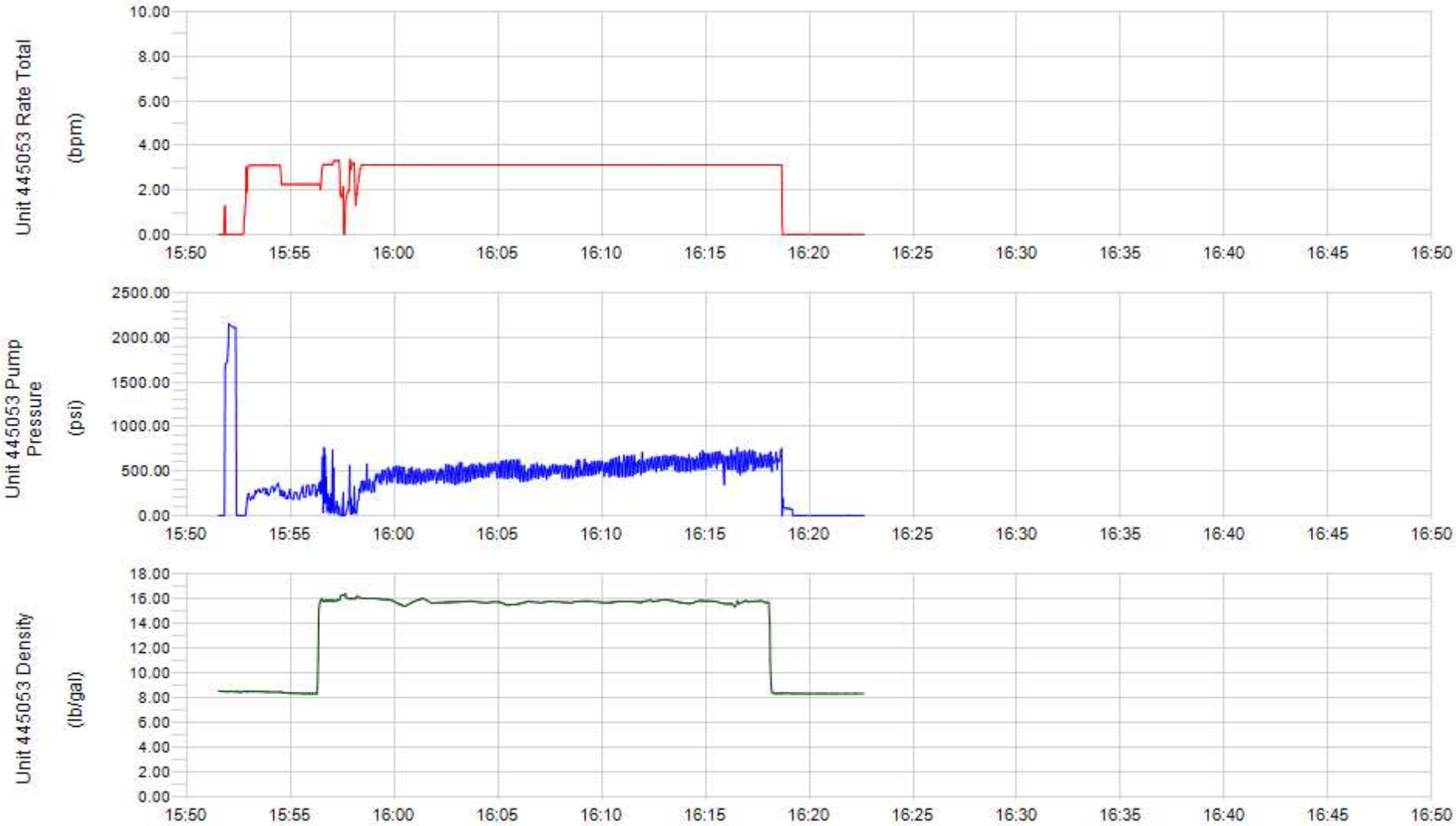
NEXTIER

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Customer: | OXY USA INC | | | Date: | 21-Jun-22 | Serv. Supervisor: | Jeff Kopp | | |
| Cust. Rep.: | Troy Spaulding | | | Ticket #: | BCO-2206-0030 | Serv. Center: | Brighton - 3021 | | |
| Well Name: | PLATTE 24-34 | RTS Date: | 21-Jun-22 | API Well #: | 0512324391 | County: | WELD (CO) | State: | COLORA |
| Well Type: | Oil | RTS Time: | 3:00 PM | Rig: | Brigade 14 | Type of Job: | CM-P2A-PERM. | | |

| | Date | Time | | Date | Time | | Date | Time |
|---|---|---|---|---|---|---|---|---|
| Left Yard: | 21-Jun-22 | 2:20 PM | Left Loc.: | 21-Jun-22 | 4:45 PM | Start Pump: | 21-Jun-22 | 3:43 PM |
| Arrived Loc.: | 21-Jun-22 | 2:57 PM | Returned Yd.: | 21-Jun-22 | 5:20 PM | End Pump: | 21-Jun-22 | 4:25 PM |

| TIME<br>Note: Red boxes indicate bad values! | Rate (bbl/min) | Csg. Press. (psi) | Tbg. Press (psi) | Ann. Press. (psi) | Stg. Vol. (bbl) | Cum. Vol. (bbl) | Stage Num. Stage # | Stage Details |
|---|---|---|---|---|---|---|---|---|
| 2:20 PM | | | | | | | | Left Yard or Current Location |
| 2:57 PM | | | | | | | 1 | ARRIVE ON LOCATION |
| 2:58 PM | | | | | | | 1 | PRE JOB SAFETY MEETING |
| 3:00 PM | | | | | | | 1 | SPOT EQUIPMENT |
| 3:05 PM | | | | | | | 1 | RIG UP IRON AND HOSES |
| 3:33 PM | | | | | | | 1 | SAFETY MEETING |
| 3:43 PM | 1 | | 9 | | 1.0 bbl | 1.0 bbl | 1 | FILL LINES |
| 3:44 PM | | | 2150 | | | | 1 | PRESSURE TEST |
| 3:46 PM | 3.2 | | 182 | | 5.0 bbl | 6.0 bbl | 1 | SAPP |
| 3:47 PM | 3.2 | | 175 | | 5.0 bbl | 11.0 bbl | 1 | FRESH |
| 3:48 PM | 3.2 | | 530 | | 65.7 bbl | 76.7 bbl | 1 | MIX AND PUMP 305SXS @15.8PPG 1.21Y 5.13WR |
| 4:10 PM | 3 | | 580 | | 2.2 bbl | 78.9 bbl | 1 | DISPLACE |
| 4:11 PM | | | | | | | 1 | SHUT DOWN |
| 4:14 PM | | | | | | | 1 | WASH UP PUMPS AND LINES |
| 4:25 PM | | | | | | | 1 | RIG OUT |
| 4:45 PM | | | | | | | 1 | LEAVE LOCATION |

| | | | | | |
|---|---|---|---|---|---|
| Client | OXY | Client Rep | Troy | Supervisor | Jeff Kopp |
| Ticket No. | 22060030 | Well Name | PLATTE 24-34 | Unit No. | 445053 |
| Location | | Job Type | Abandonment Plugs | Service District | Brighton Co |
| Comments | | | | Job Date | 06/21/2022 |



# NexTier Job Summary

| Ticket Number | Ticket Date |
|---|---|
| TN# BCO-2206-0043 | 6/22/2022 |

| COUNTY | COMPANY | API Number |
|---|---|---|
| WELD (CO) | OXY USA INC | 0512324391 |
| **WELL NAME** | **RIG** | **JOB TYPE** |
| PLATTE 24-34 | Brigade 14 | CM-P2A-PERM. |
| **SURFACE WELL LOCATION** | **CJES Field Supervisor** | **CUSTOMER REP** |
| 40.27083 -104.87011 | Jeff Kopp | Troy Spaulding |

EMPLOYEES

| | | |
|---|---|---|
| *Mike A* | | |
| *Geyemel* | | |
| | | |

## WELL PROFILE

| | | | |
|---|---|---|---|
| Max Treating Pressure (psi): | 1000 | Bottom Hole Static Temperature (°F): | |
| Bottom Hole Circulating Temperature (°F): | | Well Type: | |

Open Hole

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

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 5/8 | 24 | | 0 | 260 | | |
| | | | | | | | |
| | | | | | | | |

## CEMENT DATA

**Stage 1:** Type: **Surface Plug**

From Depth (ft): 10 To Depth (ft): 260

Volume (sacks): 85 Volume (bbls): 18.5

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | 15.8 | 1.21 | 5.13 |

**Stage 2:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 3:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

**Stage 4:** Type:

From Depth (ft): To Depth (ft):

Volume (sacks): Volume (bbls):

| Cement & Additives: | Density (ppg) | Yield (ft^3/sk) | Water Req. |
|---|---|---|---|
| | | | |

## SUMMARY

Preflushes: bbls of / bbls of / bbls of

TotalPreflush/Spacer Volume (bbl):

Total Slurry Volume (bbl): 17.2

Total Fluid Pumped

Returns to Surface: Cement 2 bbls

| | Stage 1 | Stage 2 |
|---|---|---|
| Calculated Displacement (bbl): | | |
| Actual Displacement (bbl): | | |

Plug Bump (Y/N): N/A Bump Pressure (psi): N/A

Lost Returns (Y/N): N (if Y, when)

Job Notes (fluids pumped / procedures / tools / etc.): Filled lines and pressure tested 2500psi. Mix and pumped 85sxs @15.8ppg 1.21y 5.13wr. Got 2bbls back to return tanks.

Customer Representative Signature:

***Thank You For Using NexTier Completion Solutions***

# Cement Job Log

NexTier

NexTier Completion Solutions
3990 Rogerdale Rd., Houston, TX 77042
(713)325-6000

| | | | | | |
|---|---|---|---|---|---|
| Customer: | OXY USA INC | Date: | 22-Jun-22 | Serv. Supervisor: | Jeff Kopp |
| Cust. Rep.: | Troy Spaulding | Ticket #: | BCO-2206-0043 | Serv. Center | Brighton - 3021 |
| Well Name: | PLATTE 24-34 | API Well #: | 0512324391 | County: WELD (CO) | State: COLORADO |
| Well Type: | Oil | Rig: | Brigade 14 | Type of Job: | CM-P2A-PERM. |

Materials Furnished by NexTier

| Plugs | Casing Hardware | Sacks of Cement | Fluid Density (lb/gal) | Excess | Yield (cuft/sk) | Mix Water (gal/sk) | Fluid Volume (bbls) | Fluid Volume (cuft) | Mix Water (bbls) |
|---|---|---|---|---|---|---|---|---|---|
| N/A | N/A | | | | | | | | |
| N/A | N/A | | | | | | | | |
| 0 | | | | 0% | - | - | | - | |
| 0 | | | | 0% | - | - | | - | |
| Surface Plug | 100 % NCM-914<br>+0.4 % NFL-551+4.0 % NAC-101+2.0 % NAC-110 | 80 | 15.8 | 0% | 1.21 | 5.13 | 17.22 | 96.67 | 10 |
| 0 | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | 0% | - | - | | - | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

Physical Slurry Properties

Displacement Chemicals:

| OPEN HOLE DATA | | | | | |
|---|---|---|---|---|---|
| Ambient Tmp. | Bulk Tmp. | Slurry 1 Tmp. | Slurry 2 Tmp. | Slurry 3 Tmp. | Slurry 4 Tmp. |
| 81.0 °F | 81.0 °F | 82.0 °F | N/A | N/A | N/A |

| TUBULAR DATA | | | | | | |
|---|---|---|---|---|---|---|
| SIZE WEIGHT | THRD | DEPTH (ft) | GRADE | ID (in) | BURST (psi) | COLLAPSE (psi) |
| 2 3/8 4.7# | | 260 | J-55 | 2 | N/A | N/A |
| NA | | N/A | N/A | N/A | N/A | N/A |

| PREVIOUS CASING DATA | PERFORATED INTERVAL DATA | | | | CASING EQUIPMENT DEPTHS | | | |
|---|---|---|---|---|---|---|---|---|
| | TOP | BTM | SPF | SIZE | SHOE | FLOAT | STAGE | ACP |
| 8.625 in. 24# ( 0 to 260 ft) | N/A | NA | N/A | N/A | N/A | N/A | N/A | N/A |
| | N/A | NA | N/A | N/A | | | | |

| WELL FLUID | | DISPLACEMENT FLUID | | | DIFF PRESS | CSG LIFT | MAX PRESS | Mix H2O Chlorides (ppm) | Mix H2O pH | Mix H2O Temp | WATER ON LOC (bbl) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TYPE | DENSITY | VOLUME | TYPE | DENSITY | (psi) | (psi) | (psi) | | | | |
| WATER BASED | 8.3 ppg | N/A | N/A | N/A | NA | N/A | 1000 | 49 | 7 | 67.0 °F | 60 |

| Bumped Plug | Final Differential (psi) | Floats Held (Y/N) | PSI Left on Casing | Cement to Surface (bbl) | Top of Cement (ft) | Full Circ. During Job (Y/N) | Max Pump Pressure (psi) | Casing Rotation | Additional Hrs Charged (hrs) | Casing Reciprocation | Rathole Length (ft) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 2.00 | 10 | | | | | | |

Comments/Additional Details:

Jeff Kopp — Service Supervisor

22-Jun-22 — Date

# Cement Job Log

NEXTIER

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Customer: | OXY USA INC | | | Date: | 22-Jun-22 | Serv. Supervisor: | Jeff Kopp | | |
| Cust. Rep.: | Troy Spaulding | | | Ticket #: | BCO-2206-0043 | Serv. Center: | Brighton - 3021 | | |
| Well Name: | PLATTE 24-34 | RTS Date: | 22-Jun-22 | API Well #: | 0512324391 | County: | WELD (CO) | State: | COLORA |
| Well Type: | Oil | RTS Time: | 1:00 PM | Rig: | Brigade 14 | Type of Job: | CM-P2A-PERM. | | |

| | Date | Time | | Date | Time | | Date | Time |
|---|---|---|---|---|---|---|---|---|
| Left Yard: | 22-Jun-22 | 12:15 PM | Left Loc.: | 22-Jun-22 | 2:45 PM | Start Pump: | 22-Jun-22 | 1:42 PM |
| Arrived Loc.: | 22-Jun-22 | 1:00 PM | Returned Yd.: | 22-Jun-22 | 3:15 PM | End Pump: | 22-Jun-22 | 2:30 PM |

| TIME<br>Note: Red boxes indicate bad values! | Rate (bbl/min) | Csg. Press. (psi) | Tbg. Press (psi) | Ann. Press. (psi) | Stg. Vol. (bbl) | Cum. Vol. (bbl) | Stage Num. Stage # | Stage Details |
|---|---|---|---|---|---|---|---|---|
| 12:15 PM | | | | | | | | Left Yard or Current Location |
| 1:00 PM | | | | | | | 1 | ARRIVE ON LOCATION |
| 1:02 PM | | | | | | | 1 | PRE JOB SAFETY MEETING |
| 1:10 PM | | | | | | | 1 | SPOT EQUIPMENT |
| 1:15 PM | | | | | | | 1 | RIG UP IRON AND HOSES |
| 1:34 PM | | | | | | | 1 | SAFETY MEETING |
| 1:42 PM | 3 | | 40 | | 1.0 bbl | 1.0 bbl | 1 | FILL LINES |
| 1:43 PM | | | 2500 | | | | 1 | PRESSURE TEST |
| 1:45 PM | | | | | | | 1 | BATCH UP CEMENT |
| 1:48 PM | 2.2 | | 217 | | 18.5 bbl | 19.5 bbl | 1 | MIX AND PUMP 85SXS @15.8PPG 1.21Y 5.13WR |
| 1:57 PM | | | | | | | 1 | SHUT DOWN |
| 2:10 PM | | | | | | | 1 | WASH UP PUMPS AND LINES |
| 2:30 PM | | | | | | | 1 | RIG OUT |
| 2:45 PM | | | | | | | 1 | LEAVE LOCATION |