

BJ Cementing Treatment Report

| | | | |
|--------------------|----------------|------------------|---------|
| SERVICE SUPERVISOR | Hector Montoya | RIG | True 38 |
| DISTRICT | Cheyenne, WY | COUNTY | WELD |
| SERVICE | Cementing | STATE / PROVINCE | CO |

WELL GEOMETRY

| TYPE | ID (in) | OD (in) | WEIGHT (lb/ft) | MD (ft) | TVD (ft) | EXCESS (%) |
|-----------|---------|---------|----------------|----------|----------|------------|
| Casing | 8.92 | 9.63 | 36.00 | 1,566.00 | 1,566.00 | |
| Open Hole | 13.50 | 0.00 | 0.00 | 1,575.00 | 1,575.00 | 25.00 |

HARDWARE

| | | | |
|-----------------------|--------|--------------------------------------|----------|
| Bottom Plug Used? | No | Landing Collar Depth (ft) | 1,569 |
| Top Plug Used? | Yes | Max Casing Pressure - Rated (psi) | 3520.00 |
| Top Plug Provided By | Non BJ | Max Casing Pressure - Operated (psi) | 2860.00 |
| Top Plug Size | 9.625 | Job Pumped Through | Manifold |
| Centralizers Used | Yes | Top Connection Thread | LTC |
| Centralizers Quantity | 17.00 | Top Connection Size | 9.625 |
| Centralizers Type | Bow | | |

CIRCULATION PRIOR TO JOB

| | | | |
|--------------------------------------|--------|--|----|
| Well Circulated By | Rig | PV Mud In | 4 |
| Circulation Prior to Job | Yes | PV Mud Out | 4 |
| Circulation Time (min) | 60.00 | YP Mud In | 1 |
| Circulation Rate (bpm) | 8.00 | YP Mud Out | 1 |
| Circulation Volume (bbls) | 420.00 | Solids Present at End of Circulation | No |
| Lost Circulation Prior to Cement Job | No | Flare Prior to / during the Cement Job | No |
| Mud Density In (ppg) | 8.80 | Gas Present | No |
| Mud Density Out (ppg) | 8.80 | | |

TEMPERATURE

| | |
|--------------------------|-------|
| Ambient Temperature (°F) | 36.00 |
|--------------------------|-------|

Client: Bayswater Exploration & Production, LLC

Well: COT WEST #V-30-25HN

Well API: 05-123-50413

Start Date: 1/27/2020

End Date: 1/27/2020



FLUID DETAILS

| FLUID TYPE | FLUID NAME | DENSITY (ppg) | YIELD (Cu Ft/sk) | H ₂ O REQ (gals/sk) | PLN TOP FLD (ft) | LENGTH (ft) | VOL (sk) | VOL (Cu Ft) | VOL (bbls) |
|----------------------------|------------------|---------------|------------------|--------------------------------|------------------|-------------|----------|-------------|------------|
| Spacer / Pre Flush / Flush | Water | 8.3337 | | | 0.00 | | | | 20.0000 |
| Lead Slurry | BJCem S100.03.1C | 12.0000 | 2.5298 | 14.86 | 0.00 | 1,030.00 | 252 | 638.0000 | 113.5000 |
| Tail Slurry | BJCem S100.03.1C | 12.5000 | 2.2255 | 12.59 | 1,030.00 | 500.00 | 145 | 323.0000 | 57.5000 |
| Displacement Final | Water | 8.3337 | | | 0.00 | | | 0.0000 | 118.0000 |

| FLUID TYPE | FLUID NAME | COMPONENT | CONCENTRATION | UOM |
|----------------------------|------------------|---|---------------|--------|
| Spacer / Pre Flush / Flush | Water | Fresh Water | 100.0000 | PCT |
| Lead Slurry | BJCem S100.03.1C | CEMENT, ASTM TYPE III | 100.0000 | PCT |
| Lead Slurry | BJCem S100.03.1C | FOAM PREVENTER, FP-25 | 0.3000 | BWOB |
| Lead Slurry | BJCem S100.03.1C | Cement Additive, Sodium Metasilicate A-2 | 2.0000 | LBS/SK |
| Lead Slurry | BJCem S100.03.1C | IntegraSeal POLI | 0.1300 | LBS/SK |
| Lead Slurry | BJCem S100.03.1C | CEMENT EXTENDER, GYPSUM, A-10 | 5.0000 | BWOB |
| Lead Slurry | BJCem S100.03.1C | ACCELERATOR, SALT, CHLORIDE, CALCIUM, A-7P, PELLETS | 2.0000 | LBS/SK |
| Tail Slurry | BJCem S100.03.1C | FOAM PREVENTER, FP-25 | 0.3000 | BWOB |
| Tail Slurry | BJCem S100.03.1C | Cement Additive, Sodium Metasilicate A-2 | 2.0000 | LBS/SK |
| Tail Slurry | BJCem S100.03.1C | IntegraSeal POLI | 0.1300 | LBS/SK |
| Tail Slurry | BJCem S100.03.1C | CEMENT, ASTM TYPE III | 100.0000 | PCT |
| Tail Slurry | BJCem S100.03.1C | ACCELERATOR, SALT, CHLORIDE, CALCIUM, A-7P, PELLETS | 2.0000 | LBS/SK |
| Tail Slurry | BJCem S100.03.1C | CEMENT EXTENDER, GYPSUM, A-10 | 5.0000 | BWOB |
| Displacement Final | Water | Fresh Water | 100.0000 | PCT |

DISPLACEMENT AND END OF JOB SUMMARY

| | | | |
|------------------------------------|---------|------------------------------------|--------|
| Displaced By | BJ | Amt of Cement Returned / Reversed | 23.00 |
| Calculated Displacement Vol (bbls) | 118.00 | Method Used to Verify Returns | Visual |
| Actual Displacement Vol (bbls) | 118.00 | Amt of Spacer to Surface | 20.00 |
| Did Float Hold? | Yes | Pressure Left on Casing (psi) | 0.00 |
| Bump Plug | Yes | Amt Bled Back After Job | 0.50 |
| Bump Plug Pressure (psi) | 1020.00 | Total Volume Pumped (bbls) | 307.00 |
| Were Returns Planned at Surface | Yes | Top Out Cement Spotted | No |
| Cement Returns During Job | Full | Lost Circulation During Cement Job | No |

Client: Bayswater Exploration & Production, LLC

Well: COT WEST #V-30-25HN

Well API: 05-123-50413

Start Date: 1/27/2020

End Date: 1/27/2020



BJ Cementing Event Log

Surface - Cheyenne, WY - Hector Montoya

| SEQ | START DATE / TIME | EVENT | DENSITY (ppg) | PUMP RATE (bpm) | PUMP VOL (bbls) | PIPE PRESSURE (psi) | COMMENTS |
|-----|-------------------|---------------------|---------------|-----------------|-----------------|---------------------|--|
| 1 | 01/27/2020 02:30 | Callout | | | | | BJ Crew gets called out |
| 2 | 01/27/2020 04:00 | Other (See comment) | | | | | Load Up for job |
| 3 | 01/27/2020 06:30 | Arrive on Location | | | | | BJ Crew arrives safely on location |
| 4 | 01/27/2020 08:00 | Rig Up | | | | | Rig Up |
| 5 | 01/27/2020 11:30 | STEACS Briefing | | | | | BJ Crew and Rig Crew discuss hazards of pumping the job |
| 6 | 01/27/2020 12:03 | Prime Up | | | | | Fill Lines |
| 7 | 01/27/2020 12:05 | Pressure Test | | | | | Pressure Test to 3000psi |
| 8 | 01/27/2020 12:08 | Pump Spacer | 8.3300 | 4.00 | 20.00 | 220.00 | Pump 20bbl Blue Dye Spacer Fresh Water |
| 9 | 01/27/2020 12:12 | Pump Lead Cement | 12.0000 | 7.00 | 113.00 | 300.00 | LEAD- 113bbl at 12ppg, 252sks BJ Cem S100.3.1C, Y-2.52, GPS-14.86, MIX WTR-89bbl |
| 10 | 01/27/2020 12:28 | Pump Tail Cement | 12.5000 | 7.00 | 57.00 | 350.00 | TAIL- 57bbl at 12,5ppg, 145sks BJ Cem S100.3.1C, Y-.25, GPS-12.59, MIX WTR-43.5. Estimated Height of Tail at 660ft, Estimated Top of Tail at 888ft |
| 11 | 01/27/2020 12:38 | Drop Top Plug | | | | | Customer Witnesses Top Plug leave |
| 12 | 01/27/2020 12:45 | Pump Displacement | 8.3300 | 7.00 | 100.00 | 700.00 | Total Displacement 118 bbl. Dirty Diesel. 23bbl cement to surface |
| 13 | 01/27/2020 12:57 | Pump Displacement | 8.3300 | 3.00 | 18.00 | 1000.00 | Slow rate last 20bbl to land plug, Fresh Water |
| 14 | 01/27/2020 13:01 | Land Plug | | | | | Final Circulating pressure was 600psi took to 1020psi |
| 15 | 01/27/2020 13:05 | Check Floats | | | | | Floats Held, .5bbl back |
| 16 | 01/27/2020 13:07 | Rig Down | | | | | Rig Down |
| 17 | 01/27/2020 14:00 | Leave Location | | | | | Leave location |

Client: Bayswater Exploration & Production, LLC

Well Name / API: COT WEST #V-30-25HN / 05-123-50413

Well MD: 1575



Quote #: QUO-41646-T1P3V3

Plan #: ORD-24113-K8W6H1

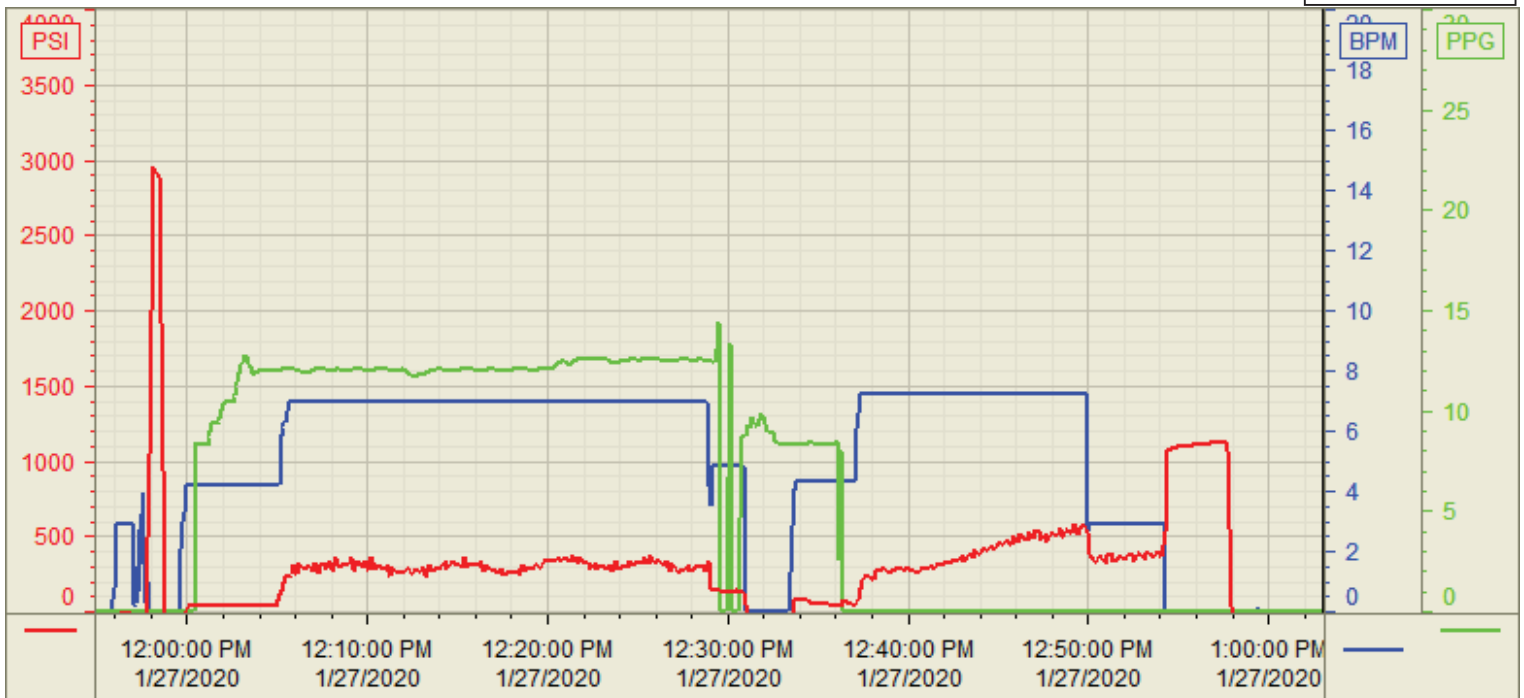
Execution #: EXC-24113-K8W6H102

Customer: BAYSWATER
 Well Number: V-30-25HN
 Lease Info: COT WEST



Print Date/Time

1/27/2020 1:24:04 PM



| | Name | Y value | X value/time stamp | Tag name Y |
|---|------------------------|----------|-------------------------|----------------------------------|
| 1 | DS - Press (PSI) | -52.6 i. | 1/27/2020 1:03:00 PM i. | Cementer\DS_DISCHARGE_PRESS_DIAL |
| 2 | Recirc - Density (PPG) | 0.01 i. | 1/27/2020 1:03:00 PM i. | Cementer\DENSITY_ACTUAL_RATE |
| 3 | Combined Rate | 0.00 i. | 1/27/2020 1:03:00 PM i. | Cementer\Flow_Combined |
| 4 | | | | |
| 5 | | | | |

Source: Control1 1:23:59 PM