



Pumping Service Report

9203795

| | | | | |
|--|--|-------------------------|----------------------------|--|
| Client Name Bonanza Creek Energy Operation Co, LLC | Well Name North Platte Federal 11 - 14 - 22HNC | Rig Xtreme 22 | Job Date May 04,2015 | Call Sheet 1057553 |
| Client Representative Mr. Tim Joel | Surface Well Location Sec 22:T5N:R63W | Down Hole Well Location | Job Type Surface Casing | Lead Supervisor Douglass, Brian (23898) |

Well Profile

| | |
|--|----------|
| Well Type: | Oil |
| Maximum Treating Pressure (psi): | --- |
| Predicted Bottom Hole Static Temperature (°F): | --- @ -- |
| Bottom Hole Circulating Temperature (°F): | --- @ -- |
| Bottom Hole Logged Temperature (°F): | --- @ -- |

Open Hole

| <u>Size (in)</u> | <u>Excess (%)</u> | <u>TMD From (ft)</u> | <u>TMD To (ft)</u> | <u>TVD From (ft)</u> | <u>TVD To (ft)</u> |
|------------------|-------------------|----------------------|--------------------|----------------------|--------------------|
| 13.500 | 50.000 | 0.000 | 498.000 | -- | -- |

Casing

| <u>Size</u> | <u>Weight</u> | <u>Grade</u> | <u>Collapse Pressure</u> | <u>Internal Yield Pressure</u> | <u>Capacity</u> | <u>I.D.</u> | <u>O.D.</u> | <u>Depth From</u> | <u>Depth To</u> |
|-------------|---------------|--------------|--------------------------|--------------------------------|-----------------|-------------|-------------|-------------------|-----------------|
| (in) | (lb/ft) | | (psi) | (psi) | (bbl) | (in) | (in) | (ft) | (ft) |
| 9.625 | 36.000 | | -- | -- | -- | -- | -- | 0.0 | 488.0 |

Products

Stage 1

| | |
|------------------|-----|
| From Depth (ft): | 0 |
| To Depth (ft): | 488 |

Acids/Blends/Fluids :

Tail: 290 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 68.7 (bbl)
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 55 , Slurry Temperature(°F) = 76
+ 1 % of CaCl₂ (Preblend),
+ 0.25 lb/sack of Polyflake (Preblend)

Stage 2

| | |
|------------------|--|
| From Depth (ft): | |
| To Depth (ft): | |

Acids/Blends/Fluids :

Fluid & Cement Data

Expected Cement Top: Surface

Wellbore Fluid

| <u>Fluid Type</u> | <u>Viscosity (cP)</u> | <u>Density (lbs/gal)</u> | <u>Yield Point (psi)</u> | <u>Temperature (°F)</u> | <u>Recorded@</u> |
|-------------------|-----------------------|--------------------------|--------------------------|-------------------------|--------------------|
| Water | -- | 8.400 | -- | -- | Feb 26, 2015 14:02 |

Attachment & Tools

Tubular Plugs

| <u>Tubular Plug Type</u> | <u>Size (in)</u> | <u>Supplier</u> |
|--------------------------|------------------|-----------------|
| Rubber Top | 9.625 | Client |



Pumping Service Report

9203795

| Units & Personnel | | | | | | | |
|-------------------------|--------------------|-----------------|-------------------------|---------------------------|------------------|-------------------------|--------------------------|
| Units | | | | | | | |
| <u>Truck Unit No.</u> | <u>Main Type</u> | <u>Sub Type</u> | <u>Tractor Unit No.</u> | <u>Main Type</u> | <u>Sub Type</u> | <u>Time On Location</u> | <u>Time Off Location</u> |
| 449087 | TRAILER | Utility Trailer | 201009 | PICKUP | 1 Ton | 05/04/2015 11:00 | 05/04/2015 14:50 |
| 445052 | TRAILER | SCM Twin | 745052 | TRACTOR | Tandem - Tractor | 05/04/2015 11:00 | 05/04/2015 14:50 |
| 446200 | TRAILER | Bulker | 746200 | TRACTOR | Tandem - Tractor | 05/04/2015 11:00 | 05/04/2015 14:50 |
| Crew and Bonuses | | | | | | | |
| <u>Employee</u> | <u>Start Shift</u> | | <u>End Shift</u> | <u>Second Start Shift</u> | | <u>Second End Shift</u> | |
| Douglass, Brian (23898) | 05/04/2015 11:00 | | 05/04/2015 14:50 | | | | |
| Teegerstrom, Ty (27623) | 05/04/2015 11:00 | | 05/04/2015 14:50 | | | | |
| Devine, Richard (29733) | 05/04/2015 11:00 | | 05/04/2015 14:50 | | | | |
| Crane, Troy (29924) | 05/04/2015 11:00 | | 05/04/2015 14:50 | | | | |



Pumping Service Report

9203795

Treatment Reports & Remarks

Treatment Report

| Event # | Event Time | Event Description | Fluid Type | Rate (bbl/min) | Tubular Pressure (psi) | Annular Pressure (psi) | Stage Volume (bbl) | Total Volume (bbl) |
|---------|-------------------|--|----------------|-------------------|---------------------------|---------------------------|-----------------------|-----------------------|
| 1 | May 04,2015 11:00 | Arrive On Location | | -- | -- | -- | -- | 0.00 |
| 2 | May 04,2015 11:10 | Crew Briefing (Rig in) | | -- | -- | -- | -- | 0.00 |
| 3 | May 04,2015 12:00 | Rig in Complete | | -- | -- | -- | -- | 0.00 |
| 4 | May 04,2015 12:30 | Crew Briefing (Pre Job) | | -- | -- | -- | -- | 0.00 |
| 5 | May 04,2015 12:48 | Pressure Test Start | | -- | 2,000.0 | -- | -- | 0.00 |
| 6 | May 04,2015 12:50 | Pressure Test Complete | | -- | -- | -- | -- | 0.00 |
| 7 | May 04,2015 12:52 | Pump | Water | 4.00 | 60.0 | -- | 10.00 | 0.00 |
| 8 | May 04,2015 12:56 | Pump | Water | 4.00 | 60.0 | -- | 10.00 | 0.00 |
| | | Remarks: with gel and polyflake | | | | | | |
| 9 | May 04,2015 13:00 | Pump | 0:1:0 Type III | 4.00 | 150.0 | -- | 68.70 | 0.00 |
| | | Remarks: yield: 1.33 Density: 14.8 WR: 6.34 Mix H2O: 44 bbls | | | | | | |
| 10 | May 04,2015 13:22 | Drop Plug | | -- | -- | -- | -- | 0.00 |
| 11 | May 04,2015 13:24 | Displace Fluid | Water | 4.00 | 200.0 | -- | 34.50 | 0.00 |
| 12 | May 04,2015 13:35 | Bump Plug | | -- | -- | -- | -- | 0.00 |
| 13 | May 04,2015 13:40 | Check Float | | -- | -- | -- | -- | 0.00 |
| | | Remarks: float held | | | | | | |
| 14 | May 04,2015 13:50 | Rig Out | | -- | -- | -- | -- | 0.00 |
| 15 | May 04,2015 14:30 | Job Complete | | -- | -- | -- | -- | 0.00 |
| 16 | May 04,2015 14:40 | Pre-Departure Meeting | | -- | -- | -- | -- | 0.00 |
| 17 | May 04,2015 14:50 | Leave Location | | -- | -- | -- | -- | 0.00 |

Did Float Hold: Yes

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 24

Temperature (°F) : 65

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

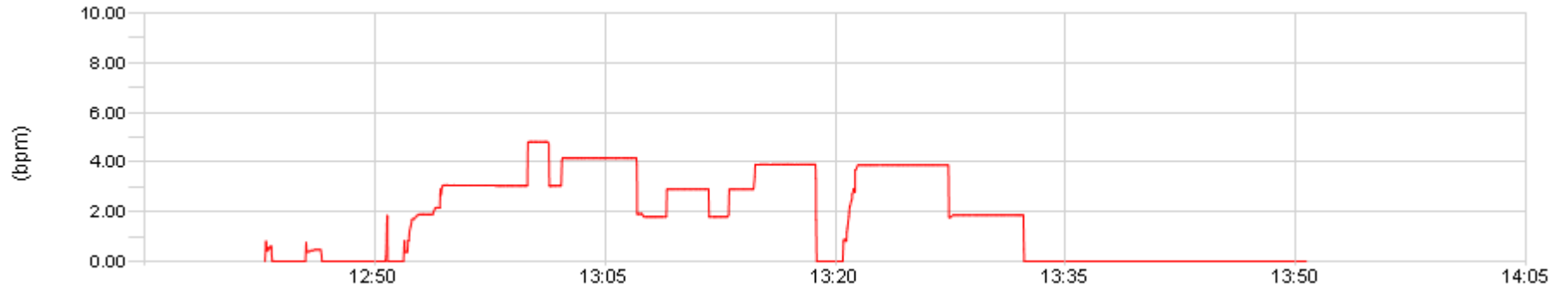
Material Transfer Sheet Number

57444

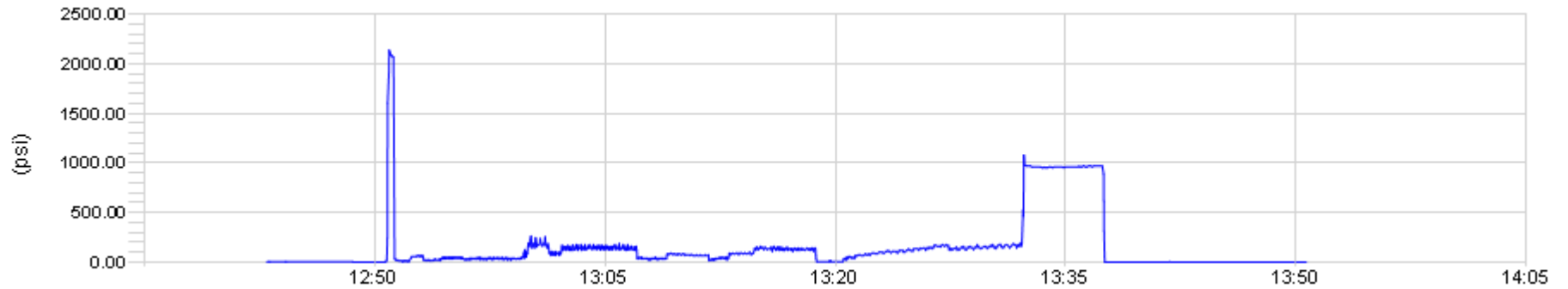


| | | | | | |
|------------|-------------------------------------|------------|-----------------------------------|------------------|----------------|
| Client | BONANZA CREEK ENERGY INC | Client Rep | SAM | Supervisor | BRIAN DOUGLASS |
| Ticket No. | 9203795 | Well Name | NORTH PLATTE FEDERAL 11-14-22 HNC | Unit No. | 445052 |
| Location | SEC.22-T5N-R63W | Job Type | Surface Casing | Service District | FORT LUPON, CO |
| Comments | 290 SX TPE III + 68.7BBSB@ 14.8 PPG | | | Job Date | 05/04/2015 |

Unit 445052 Rate Total



Unit 445052 Pump Pressure



Unit 445052 Density

