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|--|--|-------------------------|---------------------------------|--|
| Client Name Bonanza Creek Energy Operation Co, LLC | Well Name State Antelope 11-41- 2HNB | Rig Xtreme 20 | Job Date March 13,2015 | Call Sheet 1056579 |
| Client Representative Mr. Kenny Graham | Surface Well Location Sec 2:T5N:R62W | Down Hole Well Location | Job Type Intermediate Casing | Lead Supervisor Hansen, Kevin (27592) |

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

| Size (in) | Excess (%) | TMD From (ft) | TMD To (ft) | TVD From (ft) | TVD To (ft) |
|-----------|------------|---------------|-------------|---------------|-------------|
| 8.750 | -- | 450.000 | 6,673.000 | -- | -- |

Casing

| Size (in) | Weight (lb/ft) | Grade | Collapse Pressure (psi) | Internal Yield Pressure (psi) | Capacity (bbl) | I.D. (in) | O.D. (in) | Depth From (ft) | Depth To (ft) |
|-----------|----------------|-------|-------------------------|-------------------------------|----------------|-----------|-----------|-----------------|---------------|
| 9.625 | 36.000 | J-55 | 2,020.0 | 3,520.0 | 34.79 | 8.921 | 10.625 | 0.0 | 450.0 |
| 7.000 | 26.000 | P-110 | 6,210.0 | 9,520.0 | 251.72 | 6.276 | 7.656 | 0.0 | 6,579.0 |

Products

Stage 1

From Depth (ft): 0
To Depth (ft): 4902

Acids/Blends/Fluids :

Lead 1: 560 Sacks of 1-1-6 type III, Density = 12.5 lb/gal, Volume Pumped = 177 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 65
+ 6 % of Gel (Preblend),
+ 0.8 % of CFL-2 (Preblend),
+ 0.4 % of AS-3 (Preblend),
+ 0.4 % of CDF-4P (Preblend),
+ 0.2 % of LTR (Preblend),
+ 0.25 lb/sack of Polyflake (Preblend)

Stage 2

From Depth (ft): 4902
To Depth (ft): 6579

Acids/Blends/Fluids :

Tail: 310 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 63 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 65
+ 2 % of Gel (Preblend),
+ 0.6 % of CFL-8 (Preblend),
+ 0.2 % of FMC (Preblend),
+ 0.25 lb/sack of Polyflake (Preblend)

Fluid & Cement Data

Expected Cement Top: Surface

Wellbore Fluid

| Fluid Type | Viscosity (cP) | Density (lbs/gal) | Yield Point (psi) | Temperature (°F) | Recorded@ |
|-----------------|----------------|-------------------|-------------------|------------------|--------------------|
| Water | -- | 8.400 | -- | -- | Feb 26, 2015 14:02 |
| Water Based Mud | -- | -- | -- | -- | Mar 02, 2015 20:51 |

| Attachment & Tools | | |
|--------------------------|-------------------|-----------------|
| Down Hole Tools | | |
| <u>Tool Type</u> | <u>Depth (ft)</u> | <u>Supplier</u> |
| Float Collar | 6,536.000 | Client |
| Guide Shoe | 6,579.000 | Client |
| Tubular Plugs | | |
| <u>Tubular Plug Type</u> | <u>Size (in)</u> | <u>Supplier</u> |
| Rubber Top | 7.000 | Client |

| 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> |
| 201025 | PICKUP | 1 Ton | | | | 03/13/2015 11:30 | 03/13/2015 19:00 |
| 445047 | TRAILER | SCM Twin | 745047 | TRACTOR | Tandem - Tractor | 03/13/2015 11:30 | 03/13/2015 19:00 |
| 746506 | BODY JOB | Baby Bulker | | | | 03/13/2015 11:30 | 03/13/2015 19:00 |
| Crew and Bonuses | | | | | | | |
| <u>Employee</u> | <u>Start Shift</u> | <u>End Shift</u> | <u>Second Start Shift</u> | <u>Second End Shift</u> | | | |
| Hansen, Kevin (27592) | 03/13/2015 11:30 | 03/13/2015 19:00 | | | | | |
| Barden, Sean (27711) | 03/13/2015 11:30 | 03/13/2015 19:00 | | | | | |
| Teegerstrom, Ty (27623) | 03/13/2015 11:30 | 03/13/2015 19:00 | | | | | |
| Faircloth, Branden (29706) | 03/13/2015 11:30 | 03/13/2015 19:00 | | | | | |
| Betts, Dallas (30257) | 03/13/2015 11:30 | 03/13/2015 19:00 | | | | | |

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 | Mar 13,2015 11:30 | Arrive On Location | | -- | -- | -- | -- | 0.00 |
| 2 | Mar 13,2015 11:45 | Crew Briefing (Rig in) | | -- | -- | -- | -- | 0.00 |
| | | Remarks: Discused spotting of trucks and filled out jsa | | | | | | |
| 3 | Mar 13,2015 14:45 | Rig in Complete | | -- | -- | -- | -- | 0.00 |
| 4 | Mar 13,2015 15:00 | Crew Briefing (Pre Job) | | -- | -- | -- | -- | 0.00 |
| | | Remarks: discuss job and safety concerns with rig crew and signed jsa. | | | | | | |
| 5 | Mar 13,2015 15:26 | Pressure Test Start | Water | 2.00 | 300.0 | -- | 2.00 | 2.00 |
| | | Remarks: filled lines for pressure test | | | | | | |
| 6 | Mar 13,2015 15:30 | Pressure Test Complete | Water | -- | 4,000.0 | -- | -- | 2.00 |
| | | Remarks: pressure test good | | | | | | |
| 7 | Mar 13,2015 15:34 | Pump | Water | 5.00 | 500.0 | -- | 24.00 | 2.00 |
| | | Remarks: pumped fresh water per company man. no mud flush | | | | | | |
| 8 | Mar 13,2015 15:37 | Mix Cement | 1-1-6 type III | 6.00 | 500.0 | -- | 177.00 | 179.00 |
| | | Remarks: pumped at D-12.5 | | | | | | |
| 9 | Mar 13,2015 16:04 | Job Complete | | -- | -- | -- | -- | 179.00 |
| 10 | Mar 13,2015 16:05 | Mix Cement | 1-1-2 G | 6.00 | 500.0 | -- | 63.00 | 63.00 |
| | | Remarks: pumped at D-14.6 | | | | | | |
| 11 | Mar 13,2015 16:15 | Drop Plug | | -- | -- | -- | -- | 63.00 |
| 12 | Mar 13,2015 16:17 | Displace Fluid | Water Based Mud | 6.00 | 1,600.0 | -- | 250.00 | 313.00 |
| 13 | Mar 13,2015 17:06 | Bump Plug | | -- | 2,100.0 | -- | -- | 313.00 |
| | | Remarks: Bumped plug 500 over | | | | | | |
| 14 | Mar 13,2015 17:05 | Check Float | | -- | -- | -- | -- | 313.00 |
| | | Remarks: floats held 1 bbl back | | | | | | |
| 15 | Mar 13,2015 17:10 | Wash | | -- | -- | -- | -- | 313.00 |
| 16 | Mar 13,2015 18:00 | Rig Out | | -- | -- | -- | -- | 313.00 |
| 17 | Mar 13,2015 18:45 | Pre-Departure Meeting | | -- | -- | -- | -- | 313.00 |
| | | Remarks: discussed journey management | | | | | | |
| 18 | Mar 13,2015 19:00 | Leave Location | | -- | -- | -- | -- | 179.00 |

Did Float Hold: Yes
 Fluid Returns : Yes
 Type : Cement
 Volume (bbl) : 50
 Temperature (°F) : 70
 FDAS Functioning Correctly : Yes
 Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number
 57609
 57607
 57618



| | | | | | |
|------------|--|------------|---------------------------|------------------|-------------|
| Client | Bonanza Creek Energy | Client Rep | Kenny Graham | Supervisor | Kevn Hansen |
| Ticket No. | 9203637 | Well Name | State Antelope 11-41-2HNB | Unit No. | 445052 |
| Location | Sec 2:T5N:R62W | Tob_ype | Intermediate Casing | Service District | Ft Lupton |
| Comments | Pump 560 Sacks 1-1-6 Typelll 177 bbl @ D-12.5 Y-1.78 Lead Pump 330 Sacks 1-1-2 G 67 bbl @ D-14.6 Y-1.14 | | | Job Date | 03/13/2015 |

