



Cementing Service Report

9206156

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|--|--|-------------------------|----------------------------|--|
| Client Name Bonanza Creek Energy Operation Co, LLC | Well Name State Antelope 44-1-36 XRLNB | Rig Xtreme 20 | Job Date June 06,2015 | Call Sheet 1058241 |
| Client Representative Mr. George Hine | Surface Well Location Sec 1:T5N:R62W | Down Hole Well Location | Job Type Surface Casing | Lead Supervisor Laeger, Kacey (25046) |

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) |
|-----------|------------|---------------|-------------|---------------|-------------|
| 13.500 | -- | 0.000 | 445.000 | -- | -- |

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 | 34.40 | 8.921 | 10.625 | 0.0 | 445.0 |

Products

Stage 1

From Depth (ft): 0

To Depth (ft): 445

Acids/Blends/Fluids :

Tail: 265 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 62 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 65

+ 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

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

Attachment & Tools

Down Hole Tools

| Tool Type | Depth (ft) | Supplier |
|--------------|------------|-------------|
| Float Collar | 403.000 | Third Party |

Tubular Plugs

| Tubular Plug Type | Size (in) | Supplier |
|-------------------|-----------|----------|
| Rubber Top | 9.625 | Sanjel |



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| Units & Personnel | | | | | | | |
|-----------------------------|------------------|----------|------------------|-----------|--------------------|------------------|-------------------|
| Units | | | | | | | |
| Truck Unit No. | Main Type | Sub Type | Tractor Unit No. | Main Type | Sub Type | Time On Location | Time Off Location |
| 201168 | PICKUP | 1 Ton | 449087 | TRAILER | Utility Trailer | 06/06/2015 12:00 | 06/06/2015 16:35 |
| 445070 | TRAILER | SCM Twin | 745070 | TRACTOR | Tandem - Tractor | 06/06/2015 12:00 | 06/06/2015 16:35 |
| 446145 | TRAILER | Bulker | 746145 | TRACTOR | Tandem - Tractor | 06/06/2015 12:00 | 06/06/2015 16:35 |
| Crew and Bonuses | | | | | | | |
| Employee | Start Shift | | End Shift | | Second Start Shift | | Second End Shift |
| Laeger, Kacey (25046) | 06/06/2015 12:00 | | 06/06/2015 16:35 | | | | |
| Svoboda, Miloslav (28226) | 06/06/2015 12:00 | | 06/06/2015 16:35 | | | | |
| Crane, Troy (29924) | 06/06/2015 12:00 | | 06/06/2015 16:35 | | | | |
| Lindsay, Kevin (27589) | 06/06/2015 12:00 | | 06/06/2015 16:35 | | | | |
| Treatment Reports & Remarks | | | | | | | |



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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 | Jun 06,2015 12:00 | Arrive On Location | | -- | -- | -- | -- | 0.00 |
| 2 | Jun 06,2015 12:05 | Crew Briefing (Rig in) | | -- | -- | -- | -- | 0.00 |
| | | Remarks: Held | | | | | | |
| 3 | Jun 06,2015 12:15 | Wait on Client (non Sanjel) | | -- | -- | -- | -- | 0.00 |
| | | Remarks: Rig was running casing | | | | | | |
| 4 | Jun 06,2015 13:30 | Rig in Complete | | -- | -- | -- | -- | 0.00 |
| 5 | Jun 06,2015 13:35 | Wait On Instructions | | -- | -- | -- | -- | 0.00 |
| | | Remarks: Rig was rolling the hole | | | | | | |
| 6 | Jun 06,2015 14:10 | Crew Briefing (Pre Job) | | -- | -- | -- | -- | 0.00 |
| | | Remarks: Held With Rig crew | | | | | | |
| 7 | Jun 06,2015 14:42 | Pressure Test Start | Water | 1.00 | 50.0 | -- | 1.00 | 1.00 |
| | | Remarks: Filled lines | | | | | | |
| 8 | Jun 06,2015 14:44 | Pressure Test Complete | Water | -- | 3,600.0 | -- | -- | 1.00 |
| | | Remarks: Lines held good | | | | | | |
| 9 | Jun 06,2015 14:46 | Establish Circulation | Water | 4.00 | 20.0 | -- | 10.00 | 11.00 |
| | | Remarks: Good circulation | | | | | | |
| 10 | Jun 06,2015 14:49 | Pump Spacer | Water | 4.00 | 20.0 | -- | 10.00 | 21.00 |
| | | Remarks: Fresh water spacer | | | | | | |
| 11 | Jun 06,2015 15:02 | Mix Cement | 0:1:0 Type III | 5.50 | 200.0 | -- | 62.00 | 83.00 |
| | | Remarks: 265sks of 0:1:0 TypeIII at 14.8 lb/gal | | | | | | |
| 12 | Jun 06,2015 15:20 | Drop Plug | | -- | 0.0 | -- | -- | 83.00 |
| 13 | Jun 06,2015 15:22 | Displace Fluid | Water | 5.00 | 150.0 | -- | 32.00 | 115.00 |
| 14 | Jun 06,2015 15:34 | Bump Plug | | -- | 400.0 | -- | -- | 115.00 |
| | | Remarks: Bump plug 500psi over | | | | | | |
| 15 | Jun 06,2015 15:40 | Wash | | -- | -- | -- | 20.00 | 115.00 |
| | | Remarks: Wash pump unit | | | | | | |
| 16 | Jun 06,2015 16:00 | Rig Out | | -- | -- | -- | -- | 115.00 |
| 17 | Jun 06,2015 16:20 | Job Complete | | -- | -- | -- | -- | 115.00 |
| 18 | Jun 06,2015 16:25 | Pre-Departure Meeting | | -- | -- | -- | -- | 115.00 |
| | | Remarks: Held | | | | | | |
| 19 | Jun 06,2015 16:35 | Leave Location | | -- | -- | -- | -- | 115.00 |

Did Float Hold: Yes
Fluid Returns : Yes
Type : Cement
Volume (bbl) : 6
Temperature (°F) : 65
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes



| Treatment Reports & Remarks | |
|---------------------------------------|--|
| Material Transfer Sheet Number | |
| <u>Material Transfer Sheet Number</u> | |
| 57085 | |
| 57082 | |



| | | | | | |
|------------|--|------------|------------------------------|------------------|--------------|
| Client | Bonanza Creek Energy | Client Rep | George Hine | Supervisor | Kacey Laeger |
| Ticket No. | 9206156 | Well Name | State Antelope 44-1-36 XRLNB | Unit No. | 745070 |
| Location | NW NW Sec 1:T5N:R62W | Job Type | Surface Casing | Service District | D505 |
| Comments | 265 sacks of 0:1:0 Type III @ 14.8 ppg | | | Job Date | 06/06/2015 |

