



# Cementing Service Report

9206686

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name North Platte K31-O34- 34HNB	Rig Xtreme 22	Job Date September 01,2015	Call Sheet 1060462
Client Representative Mr. Tim Joel	Surface Well Location Sec 34:T5N:R63W	Down Hole Well Location	Job Type Intermediate Casing	Lead Supervisor Lopez, Armando (29064)

## 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>
8.750	--	1,662.000	6,897.000	--	--

## Casing

<u>Size</u> <u>(in)</u>	<u>Weight</u> <u>(lb/ft)</u>	<u>Grade</u>	<u>Collapse Pressure</u> <u>(psi)</u>	<u>Internal Yield Pressure</u> <u>(psi)</u>	<u>Capacity</u> <u>(bbl)</u>	<u>I.D.</u> <u>(in)</u>	<u>O.D.</u> <u>(in)</u>	<u>Depth From</u> <u>(ft)</u>	<u>Depth To</u> <u>(ft)</u>
7.000	26.000	P-110	6,210.0	9,520.0	263.51	6.276	7.656	0.0	6,887.0
9.625	36.000	K-55	2,020.0	3,520.0	128.49	8.921	10.625	0.0	1,662.0

## Products

### Stage 1

From Depth (ft): 0

To Depth (ft): 4443

Acids/Blends/Fluids :

Lead 1: 525 Sacks of 1-1-6 type III, Density = 12.5 lb/gal, Volume Pumped = 168 (bbl)

Water Temperature(°F) = 80 , Bulk Temperature(°F) = 80 , Slurry Temperature(°F) = 90

+ 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): 4443

To Depth (ft): 6887

Acids/Blends/Fluids :

Tail: 330 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 67 (bbl)

Water Temperature(°F) = 80 , Bulk Temperature(°F) = 80 , Slurry Temperature(°F) = 90

+ 2 % of Gel (Preblend),

+ 0.6 % of CFL-8 (Preblend),

+ 0.2 % of ASM-5 (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

## 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
Water Based Mud	--	--	--	--	Mar 02, 2015 20:51

### Attachment & Tools

#### Down Hole Tools

<u>Tool Type</u>	<u>Depth (ft)</u>	<u>Supplier</u>
Guide Shoe	6,887.000	Third Party
Guide/Float Shoe	6,842.000	Third Party

#### Tubular Plugs

<u>Tubular Plug Type</u>	<u>Size (in)</u>	<u>Supplier</u>
Rubber Top	7.000	Sanjel

### 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>
201401	PICKUP	1 Ton	449086	TRAILER	Utility Trailer	09/01/2015 10:30	09/01/2015 17:45
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	09/01/2015 10:30	09/01/2015 17:45
446200	TRAILER	Bulker	746200	TRACTOR	Tandem - Tractor	09/01/2015 10:30	09/01/2015 17:45
446201	TRAILER	Bulker	746201	TRACTOR	Tandem - Tractor	09/01/2015 10:30	09/01/2015 17:45

#### Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Lopez, Armando (29064)	09/01/2015 10:30	09/01/2015 17:45		
Yates, William (29930)	09/01/2015 10:30	09/01/2015 17:45		
Ripka, Robert (23825)	09/01/2015 10:30	09/01/2015 17:45		
Faircloth, Branden (29706)	09/01/2015 10:30	09/01/2015 17:45		

### Treatment Reports & Remarks

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	Sep 01,2015 10:30	Arrive On Location		--	--	--	--	0.00
2	Sep 01,2015 10:40	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Sep 01,2015 11:40	Rig in Complete		--	--	--	--	0.00
4	Sep 01,2015 13:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Sep 01,2015 14:11	Start - Fluid	Water	2.00	200.0	--	2.00	2.00
		Remarks: Fill lines						
6	Sep 01,2015 14:13	Pressure Test Start		--	5,000.0	--	--	0.00
7	Sep 01,2015 14:15	Pressure Test Complete		--	--	--	--	0.00
8	Sep 01,2015 14:16	Pump Spacer	Water	4.00	300.0	--	20.00	22.00
		Remarks: PolyFlake						
9	Sep 01,2015 14:23	Mix Cement	1-1-6 type III	7.00	500.0	--	168.00	190.00
		Remarks: Pumped 525 sacks Density 12.5 Yield 1.79 Water 9.37						
10	Sep 01,2015 14:48	Mix Cement	1-1-2 G	5.50	300.0	--	67.00	257.00
		Remarks: Pumped 330 sacks Density 14.6 Yield 1.14 Water 4.81						
11	Sep 01,2015 15:04	Drop Plug		--	--	--	--	257.00
		Remarks: 3rd party plug						
12	Sep 01,2015 15:06	Displace Fluid	Water	7.00	100.0	--	262.00	519.00
		Remarks: Displacement reached cement at 125 bbls gone Pressure went from 100psi to 350 psi						
13	Sep 01,2015 15:59	Bump Plug		--	--	--	--	519.00
		Remarks: Pressure before plug landed was 2000 psi landed plug with 2530 psi						
14	Sep 01,2015 16:02	Check Float		--	--	--	--	519.00
		Remarks: Got 2.5 bbls back						
15	Sep 01,2015 16:15	Pressure Test		--	1,500.0	--	--	519.00
		Remarks: Pressure test casing for 15 min at 1500 psi						
16	Sep 01,2015 16:30	Stop		--	--	--	--	0.00
		Remarks: Got 12 bbls 37 sacks of cement to surface						
17	Sep 01,2015 16:35	Wash		--	--	--	--	0.00
18	Sep 01,2015 17:00	Rig Out		--	--	--	--	0.00
19	Sep 01,2015 17:30	Job Complete		--	--	--	--	0.00
20	Sep 01,2015 17:35	Pre-Departure Meeting		--	--	--	--	0.00
21	Sep 01,2015 17:45	Leave Location		--	--	--	--	0.00
Did Float Hold:		Yes						
Fluid Returns :		Yes						
Type :		Cement						
Volume (bbl) :		12						
Temperature (°F) :		90						
FDAS Functioning Correctly :		Yes						
Was the Program Followed As Per Design? :		Yes						

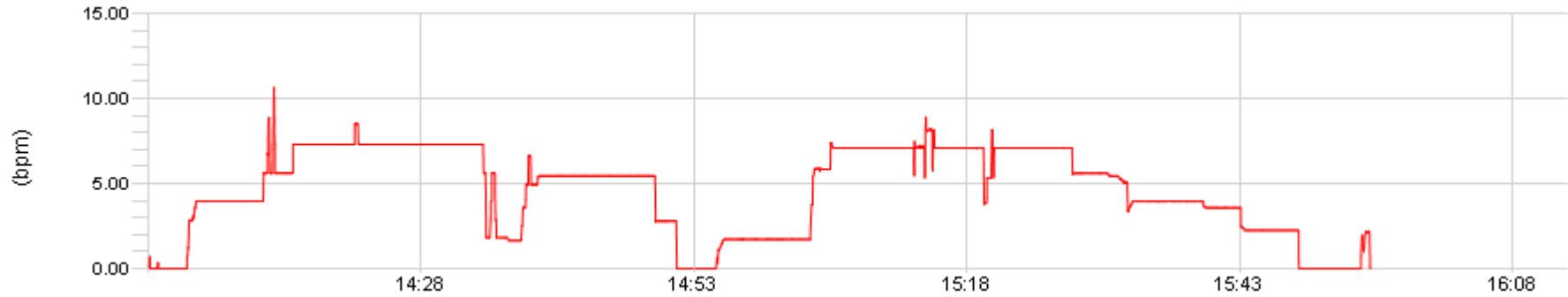


Treatment Reports & Remarks	
Material Transfer Sheet Number	
<u>Material Transfer Sheet Number</u>	
65622	
65623	
65621	



Client	Bonanza Creek	Client Rep	Tim	Supervisor	Armando Lopez
Ticket No.	9206686	Well Name	North Platte K31-O34-34HNB	Unit No.	745051
Location	Sec34:T5N:R63W	Job Type	Intermediate Casing	Service District	Ft Lupton Co
Comments				Job Date	09/01/2015

Unit 745051 Rate Total



Unit 745051 Pump Pressure



Unit 745051 Density

