



## Cementing Service Report

9206668

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name North Platte 21-24-34HNB	Rig Xtreme 22	Job Date September 12,2015	Call Sheet 1060726
Client Representative Mr. Tim Joel	Surface Well Location Sec 34:T5N:R63W	Down Hole Well Location	Job Type Surface Casing	Lead Supervisor Maguire, Matthew (26325)

### 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	1,673.000	--	--

### 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>
9.625	36.000	J-55	2,020.0	3,520.0	128.56	8.921	10.625	0.0	1,663.0

### Products

#### Stage 1

From Depth (ft): 1617  
To Depth (ft): 0

Acids/Blends/Fluids :

Tail: 755 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 196.3 (bbl)  
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60  
+ 1 % of CaCl<sub>2</sub> (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

**Units & Personnel**

<b>Units</b>							
<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>
201168	PICKUP	1 Ton	449095	TRAILER	Utility Trailer	09/12/2015 00:01	09/12/2015 11:00
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	09/12/2015 00:01	09/12/2015 11:00
446152	TRAILER	Bulker	746152	TRACTOR	Tandem - Tractor	09/12/2015 00:01	09/12/2015 11:00
446153	TRAILER	Bulker	746153	TRACTOR	Tandem - Tractor	09/12/2015 00:01	09/12/2015 11:00

**Crew and Bonuses**

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Maguire, Matthew (26325)	09/12/2015 00:01	09/12/2015 11:00		
Leue, David (28684)	09/12/2015 00:01	09/12/2015 11:00		
Johnson, Jakob (30073)	09/12/2015 00:01	09/12/2015 11:00		
Faircloth, Branden (29706)	09/12/2015 00:01	09/12/2015 11:00		
Pyfer, Kevin (29802)	09/12/2015 00:01	09/12/2015 11:00		

**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	Sep 12, 2015 00:01	Arrive On Location		--	--	--	--	0.00
		Remarks: Signed in at lease entrance, checked in with company rep.						
2	Sep 12, 2015 00:10	Tailgate Meeting		--	--	--	--	0.00
		Remarks: JSA.						
3	Sep 12, 2015 05:30	Crew Briefing (Rig in)		--	--	--	--	0.00
4	Sep 12, 2015 05:45	Rig in Complete		--	--	--	--	0.00
5	Sep 12, 2015 05:46	Crew Briefing (Pre Job)		--	--	--	--	0.00
6	Sep 12, 2015 05:50	STEACS Briefing		--	--	--	--	0.00
7	Sep 12, 2015 06:10	Sign-off on Safety		--	--	--	--	0.00
8	Sep 12, 2015 06:18	Start - Fluid	Water	2.00	20.0	--	1.00	1.00
		Remarks: Filled lines.						
9	Sep 12, 2015 06:19	Pressure Test Start	Water	--	2,000.0	--	--	1.00
10	Sep 12, 2015 06:20	Pressure Test Complete	Water	--	--	--	--	1.00
		Remarks: All lines held pressure.						
11	Sep 12, 2015 06:21	Pump Preflush	Water	3.50	100.0	--	5.00	6.00
		Remarks: Polyflake.						
12	Sep 12, 2015 06:25	Pump Spacer	Water	3.50	100.0	--	10.00	16.00
		Remarks: Spacer.						
13	Sep 12, 2015 06:29	Pump Preflush	Water	3.50	100.0	--	5.00	21.00
		Remarks: Dye indicator.						
14	Sep 12, 2015 06:33	Mix Cement	0:1:0 Type III	2.00	300.0	--	186.30	207.30
		Remarks: WR=7.32,						
15	Sep 12, 2015 08:30	Stop		--	--	--	--	207.30
16	Sep 12, 2015 08:33	Drop Plug		--	--	--	--	207.30
17	Sep 12, 2015 08:35	Displace Fluid	Water	7.50	1,660.0	--	125.00	332.30
18	Sep 12, 2015 08:55	Bump Plug	Water	--	1,660.0	--	--	332.30
19	Sep 12, 2015 08:57	Check Float	Water	--	1,660.0	--	--	332.30
		Remarks: Float held, 1 bbl back to truck.						
20	Sep 12, 2015 08:58	Pressure Test	Water	--	1,560.0	--	--	332.30
		Remarks: Casing test was successful, 1 bbl back to truck.						
21	Sep 12, 2015 09:05	Stop		--	--	--	--	332.30
22	Sep 12, 2015 09:15	Wash	Water	1.50	100.0	--	20.00	332.30
23	Sep 12, 2015 09:45	Rig Out		--	--	--	--	332.30
		Remarks: Revisit JSA.						
24	Sep 12, 2015 10:20	Pre-Departure Meeting		--	--	--	--	332.30
25	Sep 12, 2015 10:25	Job Complete		--	--	--	--	332.30
26	Sep 12, 2015 10:30	Leave Location		--	--	--	--	332.30
		Remarks: Revisit JSA, leave location safely.						



**Treatment Reports & Remarks**

Did Float Hold: Yes  
Fluid Returns : Yes  
Type : Cement  
Volume (bbl) : 50  
Temperature (°F) : 100  
FDAS Functioning Correctly : Yes  
Was the Program Followed As Per Design? : Yes

**Material Transfer Sheet Number**

Material Transfer Sheet Number

65720

65721

65722



Client	Bonanza Creek Energy Operation Co. LLC	Client Rep	Mr. Tim Joel	Supervisor	Matthew Maguire
Ticket No.	9206668	Well Name	North Platte 21-24-34HNB	Unit No.	745051
Location	Sec 34:T5N:R63W	Job Type	Surface Casing	Service District	505
Comments	Pump job per client request.			Job Date	09/12/2015

