



Cementing Service Report

9207907

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name North Platte 31 - 34 - 34HNC	Rig Xtreme 22	Job Date August 28,2015	Call Sheet 1060387
Client Representative Mr. Tim Joel	Surface Well Location Sec 34:T5N:R63W	Down Hole Well Location	Job Type Intermediate Casing	Lead Supervisor Schneider, Patrick (24093)

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	30.000	1,640.000	6,984.000	--	--

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	J-55	4,330.0	4,980.0	266.84	6.276	7.656	0.0	6,974.0

Products

Stage 1

From Depth (ft):	0
To Depth (ft):	5000

Acids/Blends/Fluids :

Lead 1: 525 Sacks of 1-1-6 type III, Density = 12.5 lb/gal, Volume Pumped = 167 (bbl)
Water Temperature(°F) = 75 , Bulk Temperature(°F) = 75 , Slurry Temperature(°F) = 83
+ 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):	5000
To Depth (ft):	6974

Acids/Blends/Fluids :

Tail: 345 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 70 (bbl)
Water Temperature(°F) = 75 , Bulk Temperature(°F) = 75 , Slurry Temperature(°F) = 87
+ 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	6,974.000	Third Party
Float Collar	6,932.000	Third Party

Tubular Plugs

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

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>
201191	PICKUP	1 Ton	449087	TRAILER	Utility Trailer	08/28/2015 17:15	08/28/2015 23:00
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	08/28/2015 17:15	08/28/2015 23:00
446200	TRAILER	Bulker	746200	TRACTOR	Tandem - Tractor	08/28/2015 17:15	08/28/2015 23:00
446201	TRAILER	Bulker	746201	TRACTOR	Tandem - Tractor	08/28/2015 17:15	08/28/2015 23:00

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Schneider, Patrick (24093)	08/28/2015 17:15	08/28/2015 23:00		
Betts, Dallas (30257)	08/28/2015 17:15	08/28/2015 23:00		
Ripka, Robert (23825)	08/28/2015 17:15	08/28/2015 23:00		
Vitera, John (29843)	08/28/2015 17:15	08/28/2015 23:00		

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	Aug 28,2015 17:15	Arrive On Location		--	--	--	--	0.00
2	Aug 28,2015 17:20	Wait on Client (non Sanjel)		--	--	--	--	0.00
		Remarks: waited for rig crew to run casing						
3	Aug 28,2015 18:30	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: discussed lease hazards and rig in procedures						
4	Aug 28,2015 19:00	Rig In		--	--	--	--	0.00
5	Aug 28,2015 19:20	Rig in Complete		--	--	--	--	0.00
6	Aug 28,2015 19:30	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: discussed job scope and everyones dutys						
7	Aug 28,2015 20:09	Start - Fluid	Water	2.00	--	--	2.00	2.00
		Remarks: filled lines						
8	Aug 28,2015 20:11	Pressure Test Start	Water	--	4,000.0	--	--	2.00
9	Aug 28,2015 20:13	Pressure Test Complete	Water	--	0.0	--	--	2.00
		Remarks: good pressure test						
10	Aug 28,2015 20:14	Pump Preflush	Water	5.00	400.0	--	20.00	22.00
		Remarks: fresh water preflush						
11	Aug 28,2015 20:20	Mix Cement	1-1-6 type III	6.50	400.0	--	167.00	189.00
		Remarks: 525 sks lead cement @ 12.5 ppg yield = 1.79 h2o req = 9.37						
12	Aug 28,2015 20:47	Mix Cement	1-1-2 G	4.00	200.0	--	70.00	259.00
		Remarks: 345 sks tail cement@ 14.6 ppg yield = 1.14 h2o req = 4.81						
13	Aug 28,2015 21:11	Drop Plug	Water	--	0.0	--	--	259.00
14	Aug 28,2015 21:13	Displace Plug	Water	6.50	1,800.0	--	265.50	524.50
15	Aug 28,2015 22:06	Pumping Pressure Before Bump	Water	2.00	2,200.0	--	--	524.50
16	Aug 28,2015 22:07	Bump Plug	Water	--	2,700.0	--	--	524.50
		Remarks: bumped plug 500 psi over						
17	Aug 28,2015 22:10	Check Float	Water	--	0.0	--	--	524.50
		Remarks: floats held 1.5 bbl back						
18	Aug 28,2015 22:13	Hold Pressure	Water	--	1,500.0	--	--	524.50
		Remarks: 5 min casing test						
19	Aug 28,2015 22:19	Check Float	Water	--	0.0	--	--	524.50
		Remarks: floats held						
20	Aug 28,2015 22:10	Tailgate Meeting		--	--	--	--	524.50
		Remarks: revisited JSA						
21	Aug 28,2015 22:15	Rig Out		--	--	--	--	524.50
22	Aug 28,2015 22:25	Wash		--	--	--	--	524.50
		Remarks: washed pumps and lines						
23	Aug 28,2015 22:45	Job Complete		--	--	--	--	524.50
24	Aug 28,2015 22:50	Pre-Departure Meeting		--	--	--	--	524.50
25	Aug 28,2015 23:00	Leave Location		--	--	--	--	524.50

Treatment Reports & Remarks

Did Float Hold: Yes
Fluid Returns : Yes
Type : Cement
Volume (bbl) : 45
Temperature (°F) : 95
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

65601

65602

65603



Client	Bonanza Creek	Client Rep	Mr. Sam	Supervisor	Pat Schneider
Ticket No.	9207907	Well Name	North Platte 31-34-34HNC	Unit No.	745051
Location	Sec. 34 - T5N - R63W	Job Type	Intermediate Casing	Service District	Ft. Lupton
Comments	Lead Cement: 525 sks 1:1:6 Type III + 6% Gel + .8% CFL-2 + .4% AS-3 + .4% CDF-4P + .2% LTR + .25 lb/sk Polyflake Tail Cement: 345 sks 1:1:2 'G' + 2% Gel + .6% CFL-8 + .2% ASM-5 + .25 lb/sk Polyflake			Job Date	08/28/2015

