



Cementing Service Report

9207911

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name North Platte K21-024-34 HNC	Rig Xtreme 22	Job Date September 05,2015	Call Sheet 1060563
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

Size (in)	Excess (%)	TMD From (ft)	TMD To (ft)	TVD From (ft)	TVD To (ft)
8.750	30.000	1,690.000	6,976.000	--	--

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)
7.000	26.000	J-55	4,330.0	4,980.0	266.53	6.276	7.656	0.0	6,966.0

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) = 74 , Bulk Temperature(°F) = 85 , Slurry Temperature(°F) = 85
+ 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),
+ 0.1 % of LTR (Prehydrate)

Stage 2

From Depth (ft):	5000
To Depth (ft):	6966

Acids/Blends/Fluids :

Tail: 350 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 71 (bbl)
Water Temperature(°F) = 74 , Bulk Temperature(°F) = 85 , Slurry Temperature(°F) = 85
+ 2 % of Gel (Preblend),
+ 0.6 % of CFL-8 (Preblend),
+ 0.2 % of ASM-5 (Preblend),
+ 0.25 lb/sack of Polyflake (Preblend),
+ 0.1 % of LTR (Prehydrate)

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>
Guide/Float Shoe	6,966.000	Third Party
Float Collar	6,923.000	Third Party

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>
201191	PICKUP	1 Ton	449086	TRAILER	Utility Trailer	09/05/2015 10:00	09/05/2015 17:00
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	09/05/2015 10:00	09/05/2015 17:00
446200	TRAILER	Bulker	746200	TRACTOR	Tandem - Tractor	09/05/2015 10:00	09/05/2015 17:00
446201	TRAILER	Bulker	746201	TRACTOR	Tandem - Tractor	09/05/2015 10:00	09/05/2015 17:00

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)	09/05/2015 10:00	09/05/2015 17:00		
Prigmore, Dominic (27161)	09/05/2015 10:00	09/05/2015 17:00		
Daylong, Eric (28076)	09/05/2015 10:00	09/05/2015 17:00		
Hall, Austin (28887)	09/05/2015 10:00	09/05/2015 17:00		

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	Sep 05,2015 10:00	Arrive On Location		--	--	--	--	0.00
2	Sep 05,2015 10:05	Wait on Client (non Sanjel)		--	--	--	--	0.00
		Remarks: waited for rig crew to run casing						
3	Sep 05,2015 11:30	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: discussed lease hazards and rig in procedures						
4	Sep 05,2015 12:00	Rig In		--	--	--	--	0.00
5	Sep 05,2015 12:30	Rig in Complete		--	--	--	--	0.00
6	Sep 05,2015 13:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: discussed job scope and everyones dutys						
7	Sep 05,2015 13:58	Start - Fluid	Water	1.00	--	--	1.00	1.00
		Remarks: filled lines						
8	Sep 05,2015 14:00	Pressure Test Start	Water	--	3,500.0	--	--	1.00
9	Sep 05,2015 14:02	Pressure Test Complete	Water	--	0.0	--	--	1.00
		Remarks: good pressure test						
10	Sep 05,2015 14:03	Pump Preflush	Water	5.00	700.0	--	20.00	21.00
		Remarks: fresh water						
11	Sep 05,2015 14:07	Mix Cement	1-1-6 type III	6.00	300.0	--	167.00	188.00
		Remarks: 525 sks lead cement @ 12.5 ppg yield = 1.79 h2o req = 9.37						
12	Sep 05,2015 14:39	Mix Cement	1-1-2 G	5.00	300.0	--	71.00	259.00
		Remarks: 350 sks tail cement @ 14.6 ppg yield = 1.14 h2o req = 4.81						
13	Sep 05,2015 14:58	Drop Plug	Water	--	0.0	--	--	259.00
14	Sep 05,2015 15:00	Displace Plug	Water	6.00	1,700.0	--	265.00	524.00
		Remarks: slowed last 10 bbl to 2 bbl per min						
15	Sep 05,2015 16:08	Pumping Pressure Before Bump	Water	2.00	2,000.0	--	--	524.00
16	Sep 05,2015 16:09	Bump Plug	Water	--	2,500.0	--	--	524.00
		Remarks: bumped plug 500 psi over						
17	Sep 05,2015 16:12	Check Float	Water	--	0.0	--	--	524.00
		Remarks: floats held got back 2.5 bbl						
18	Sep 05,2015 16:15	Tailgate Meeting		--	--	--	--	524.00
		Remarks: revisited JSA						
19	Sep 05,2015 16:25	Rig Out		--	--	--	--	524.00
20	Sep 05,2015 16:35	Wash	Water	--	--	--	--	524.00
		Remarks: washed pumps and lines						
21	Sep 05,2015 16:50	Job Complete		--	--	--	--	524.00
22	Sep 05,2015 16:55	Pre-Departure Meeting		--	--	--	--	524.00
23	Sep 05,2015 17:00	Leave Location		--	--	--	--	524.00

Treatment Reports & Remarks

Did Float Hold: Yes
Fluid Returns : Yes
Type : Cement
Volume (bbl) : 45
Temperature (°F) : 90
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

65665

65666

65667



Client	Bonanza Creek	Client Rep	Mr. Gary	Supervisor	Pat Schneider
Ticket No.	9207911	Well Name	North Platte K21-024-34HNC	Unit No.	745051
Location	Sec. 34 - T5N - R63W	Job Type	Intermediate Casing	Service District	Ft. Lupton
Comments	Lead Cement: 525 sks 1:1:6 'Poz: Type III: Gel' + .8% CFL-2 + .4% ASM-3 + .4% CDF-4P + .3% LTR + .25 lb/sl LCL-7 Tail Cement: 1:1:2 'Poz: G: Gel' + .6% CFL-8 + .2% ASM-5 + .1% LTR + .25 lb/sk LCL-7			Job Date	09/05/2015

