



Pumping Service Report

9204326

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name North Platte Federal 11 - 14 - 22HNC	Rig Xtreme 22	Job Date May 06,2015	Call Sheet 1057587
Client Representative Mr. Tim Joel	Surface Well Location Sec 22:T5N:R63W	Down Hole Well Location	Job Type Intermediate Casing	Lead Supervisor Hansen, Kevin (27592)

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	--	498.000	7,095.000	--	--

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	38.50	8.921	10.625	0.0	498.0
7.000	26.000	P-110	6,210.0	9,520.0	271.16	6.276	7.656	0.0	7,087.0

Products

Stage 1

From Depth (ft):	0
To Depth (ft):	4502

Acids/Blends/Fluids :

Lead 1: 560 Sacks of 1:1:0 Poz:Type III, Density = 12.5 lb/gal, Volume Pumped = 177 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70
+ 6 % of Gel (Preblend),
+ 0.8 % of CFL-2 (Preblend),
+ 0.4 % of ASM-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):	4502
To Depth (ft):	7095

Acids/Blends/Fluids :

Tail: 425 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 86 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70
+ 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

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



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Attachment & Tools

Down Hole Tools

<u>Tool Type</u>	<u>Depth (ft)</u>	<u>Supplier</u>
Float Collar	7,045.000	Client
Guide Shoe	7,087.000	Client

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>
201025	PICKUP	1 Ton	449095	TRAILER	Utility Trailer	05/06/2015 12:00	05/06/2015 18:00
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	05/06/2015 12:00	05/06/2015 18:00
200910	PICKUP	1/2 Ton				05/06/2015 12:00	05/06/2015 18:00

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Hansen, Kevin (27592)	05/06/2015 12:00	05/06/2015 18:00		
Betts, Dallas (30257)	05/06/2015 12:00	05/06/2015 18:00		
Dunsbergen, Scott (29737)	05/06/2015 12:00	05/06/2015 18:00		
Vasquez, Brandon (29989)	05/06/2015 12:00	05/06/2015 18:00		
Spirek, Matthew (26921)	05/06/2015 12:00	05/06/2015 18:00		

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	May 06,2015 12:00	Arrive On Location		--	--	--	--	0.00
2	May 06,2015 12:10	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: Discussed spotting of trucks and filled out JSA						
3	May 06,2015 14:30	Rig in Complete		--	--	--	--	0.00
4	May 06,2015 15:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: Discussed job and safety concerns with rig crew and signed JSA						
5	May 06,2015 15:25	Pressure Test Start		2.00	200.0	--	2.00	2.00
		Remarks: Filled lines for pressure test						
6	May 06,2015 15:29	Pressure Test Complete		--	4,000.0	--	--	2.00
		Remarks: Pressure test good						
7	May 06,2015 15:30	Pump	Water	4.00	200.0	--	10.00	12.00
		Remarks: Pumped poly flake and gel						
8	May 06,2015 15:33	Pump Spacer	Water	6.00	300.0	--	10.00	22.00
		Remarks: Fresh water spacer						
9	May 06,2015 15:35	Mix Cement	1:1:0 Poz:Type III	6.00	350.0	--	177.00	199.00
		Remarks: Pumped Lead @ D-12.5 Y 1.78						
10	May 06,2015 16:02	Job Complete		--	--	--	--	199.00
11	May 06,2015 16:03	Mix Cement	1-1-2 G	6.00	350.0	--	86.00	86.00
		Remarks: Pumped Tail @ D-14.6 Y-1.14						
12	May 06,2015 16:20	Drop Plug		--	--	--	--	86.00
13	May 06,2015 16:22	Displace Fluid	Water	6.00	2,000.0	--	270.00	356.00
		Remarks: Displaced with water						
14	May 06,2015 17:15	Bump Plug		--	2,500.0	--	--	356.00
		Remarks: Bumped @ 500 over						
15	May 06,2015 17:17	Check Float		--	2,500.0	--	--	356.00
		Remarks: Floats held 1.75 bbl back						
16	May 06,2015 17:20	Wash		--	--	--	--	356.00
17	May 06,2015 17:45	Rig Out		--	--	--	--	356.00
18	May 06,2015 17:55	Pre-Departure Meeting		--	--	--	--	356.00
		Remarks: Discussed journey management						
19	May 06,2015 18:00	Leave Location		--	--	--	--	199.00

Did Float Hold: Yes

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 45

Temperature (°F) : 70

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes



Treatment Reports & Remarks

Material Transfer Sheet Number

Material Transfer Sheet Number

57456

57457

57458



Client	Bonanza Creek Energy	Client Rep	Tim Joel	Supervisor	Kevin Hansen
Ticket No.	9204326	Well Name	North Platte Federal 11-14-22HNC	Unit No.	745070
Location	Sec22:T5N:R63W	Job Type	Intermediate Casing	Service District	Ft Lupton
Comments	Lead 560 sacks- 177 bbl type III @ D-12.5 Y-1.78 Tail 425 sacks - 86 bbl "G" @ D-14.6 Y 1.14			Job Date	05/06/2015

