



Pumping Service Report

9204329

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name North Platte Federal F11 - J14 - 22HNB	Rig Xtreme 22	Job Date May 12,2015	Call Sheet 1057671
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	30.000	488.000	6,940.000	--	--

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	37.73	8.921	10.625	0.0	488.0
7.000	26.000	P-110	6,210.0	9,520.0	265.08	6.276	7.656	0.0	6,928.0

Products

Stage 1

From Depth (ft):	0
To Depth (ft):	4992

Acids/Blends/Fluids :

Lead 1: 550 Sacks of 1:1:0 Poz:Type III, Density = 12.5 lb/gal, Volume Pumped = 172 (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):	4992
To Depth (ft):	6940

Acids/Blends/Fluids :

Tail: 350 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 71 (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>
Guide Shoe	6,928.000	Client
Float Collar	6,885.000	Client

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>
250050	PICKUP	3/4 Ton	449087	TRAILER	Utility Trailer	05/12/2015 15:30	05/12/2015 20:00
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	05/12/2015 15:30	05/12/2015 20:00
200918	PICKUP	3/4 Ton				05/12/2015 15:30	05/12/2015 20:00

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)	05/12/2015 15:30	05/12/2015 20:00		
Faircloth, Branden (29706)	05/12/2015 15:30	05/12/2015 20:00		
Cox, Brandon (27419)	05/12/2015 15:30	05/12/2015 20:00		
Orist, Mark (28876)	05/12/2015 15:30	05/12/2015 20:00		
Schroeder, Stephen (25442)	05/12/2015 15:30	05/12/2015 20:00		

Treatment Reports & Remarks



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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 12,2015 15:30	Arrive On Location		--	--	--	--	0.00
2	May 12,2015 15:40	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: Discussed spotting of trucks and filled out JSA						
3	May 12,2015 16:55	Rig in Complete		--	--	--	--	0.00
4	May 12,2015 16:56	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: Discussed job and safety concerns with rig crew and signed JSA						
5	May 12,2015 17:05	Pressure Test Start	Water	2.00	200.0	--	2.00	2.00
		Remarks: Filled lines for pressure test						
6	May 12,2015 17:09	Pressure Test Complete		--	4,000.0	--	--	2.00
		Remarks: Pressure test good						
7	May 12,2015 17:10	Pump	Water	6.00	500.0	--	10.00	12.00
		Remarks: Pumped Gel and Polyflake						
8	May 12,2015 17:12	Pump Spacer	Water	6.00	500.0	--	10.00	22.00
		Remarks: Pumped fresh water spacer						
9	May 12,2015 17:12	Mix Cement	1:1:0 Poz:Type III	7.00	800.0	--	172.00	194.00
		Remarks: Pumped Lead @ D-12.5 Y- 1.79						
10	May 12,2015 17:29	Job Complete		--	--	--	--	194.00
11	May 12,2015 17:30	Mix Cement	1-1-2 G	7.00	800.0	--	71.00	71.00
		Remarks: Pumped Tail @ D-14.6 Y- 1.14						
12	May 12,2015 17:43	Drop Plug		--	--	--	--	71.00
13	May 12,2015 17:44	Displace Fluid		7.00	1,700.0	--	263.00	334.00
14	May 12,2015 18:37	Bump Plug		--	2,300.0	--	--	334.00
		Remarks: Bumped 500 over						
15	May 12,2015 18:39	Check Float		--	2,300.0	--	--	334.00
		Remarks: Floats held 1.5 bbl back						
16	May 12,2015 18:45	Wash		--	--	--	--	334.00
17	May 12,2015 19:33	Rig Out		--	--	--	--	334.00
18	May 12,2015 19:55	Pre-Departure Meeting		--	--	--	--	334.00
		Remarks: Discussed journey management						
19	May 12,2015 20:00	Leave Location		--	--	--	--	194.00

Did Float Hold: Yes

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 32

Temperature (°F) : 75

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes



Treatment Reports & Remarks

Material Transfer Sheet Number

Material Transfer Sheet Number

57654

57652

57653