



Pumping Service Report

9206104

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name North Platte Federal A-E- 22HC	Rig Xtreme 22	Job Date April 30,2015	Call Sheet 1057500
Client Representative Mr. Tim Joel	Surface Well Location Sec 22: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	50.000	489.000	7,360.000	--	--

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	37.80	8.921	10.625	0.0	489.0
7.000	26.000	P-110	6,210.0	9,520.0	281.22	6.276	7.656	0.0	7,350.0

Products

Stage 1

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

Acids/Blends/Fluids :

Lead 1: 615 Sacks of 1:1:0 Poz:Type III, Density = 12.5 lb/gal, Volume Pumped = 196 (bbl)
Water Temperature(°F) = 61 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 68
+ 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):	5000
To Depth (ft):	7350

Acids/Blends/Fluids :

Tail: 450 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 91 (bbl)
Water Temperature(°F) = 61 , Bulk Temperature(°F) = 70 , 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/Float Shoe	7,350.000	Third Party
Float Collar	7,307.000	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>
449093	TRAILER	Utility Trailer	201009	PICKUP	1 Ton	04/30/2015 20:15	05/01/2015 04:00
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	04/30/2015 20:15	05/01/2015 04:00
446172	TRAILER	Bulker	746172	TRACTOR	Tandem - Tractor	04/30/2015 20:15	05/01/2015 04:00
446173	TRAILER	Bulker	746173	TRACTOR	Tandem - Tractor	04/30/2015 20:15	05/01/2015 04:00

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)	04/30/2015 08:15	05/01/2015 04:00		
Teegerstrom, Ty (27623)	04/30/2015 08:15	05/01/2015 04:00		
Molina, Alejandro (29922)	04/30/2015 08:15	05/01/2015 04:00		
Crane, Troy (29924)	04/30/2015 08:15	05/01/2015 04:00		

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	Apr 30,2015 20:15	Arrive On Location		--	--	--	--	0.00
2	Apr 30,2015 20:20	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: discussed lease hazards and rig in procedures						
3	Apr 30,2015 20:45	Rig In		--	--	--	--	0.00
4	Apr 30,2015 21:45	Rig in Complete		--	--	--	--	0.00
5	Apr 30,2015 22:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: discussed job scope and everyones dutys						
6	Apr 30,2015 23:07	Start - Fluid	Water	1.00	--	--	1.00	1.00
		Remarks: filled lines						
7	Apr 30,2015 23:09	Pressure Test Start	Water	--	4,000.0	--	--	1.00
8	Apr 30,2015 23:12	Pressure Test Complete	Water	--	0.0	--	--	1.00
		Remarks: good pressure test						
9	Apr 30,2015 23:15	Establish Circulation	Water	2.00	100.0	--	5.00	6.00
		Remarks: fresh water						
10	May 01,2015 23:18	Pump Preflush	Water	4.00	200.0	--	20.00	26.00
		Remarks: mud flush						
11	May 01,2015 23:24	Pump Spacer	Water	4.00	200.0	--	5.00	31.00
		Remarks: fresh water spacer						
12	Apr 30,2015 23:25	Mix Cement	1:1:0 Poz:Type III	5.00	250.0	--	196.00	227.00
		Remarks: 615 sks lead cement @ 12.5 ppg yield = 1.79 h2o req = 9.37						
13	May 01,2015 00:40	Mix Cement	1-1-2 G	4.00	250.0	--	91.00	318.00
		Remarks: 450 sks tail cement @ 14.6 ppg yield = 1.14 h2o req = 4.81						
14	May 01,2015 01:12	Drop Plug	Water	--	0.0	--	--	318.00
15	May 01,2015 01:15	Displace Plug	Water	6.00	2,100.0	--	280.00	598.00
		Remarks: slowed last 10 bbl to 2 bbl per min						
16	May 01,2015 02:06	Pumping Pressure Before Bump	Water	2.00	2,000.0	--	--	598.00
17	May 01,2015 02:07	Bump Plug	Water	2.00	2,500.0	--	--	598.00
		Remarks: bumped plug 500 psi over						
18	May 01,2015 02:13	Check Float	Water	--	0.0	--	--	598.00
		Remarks: floats held got 2.5 bbl back						
19	May 01,2015 02:15	Tailgate Meeting		--	--	--	--	598.00
		Remarks: revisited JSA						
20	May 01,2015 02:25	Rig Out		--	--	--	--	598.00
21	May 01,2015 03:00	Wash	Water	--	--	--	--	598.00
		Remarks: washed pumps and lines						
22	May 01,2015 03:30	Job Complete		--	--	--	--	598.00
23	May 01,2015 03:45	Pre-Departure Meeting		--	--	--	--	598.00
24	May 01,2015 04:00	Leave Location		--	--	--	--	598.00

**Treatment Reports & Remarks**

Did Float Hold: Yes
Fluid Returns : Yes
Type : Cement
Volume (bbl) : 60
Temperature (°F) : 75
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes

Material Transfer Sheet NumberMaterial Transfer Sheet Number

57411

57412

57413



Client	Bonanza Creek	Client Rep	Mr. Tim Joel	Supervisor	Pat Schneider
Ticket No.	9206104	Well Name	North Platte Federal A-E-22HC	Unit No.	445047
Location	Sec. 22 - T5N - R63W	Job Type	Intermediate Casing	Service District	Ft. Lupton
Comments	Lead Cement: 615 sks 1:1:0 Poz III + 6% Gel + .8 CFL-2 + .4% ASM-3 + .4% CDF-4P + .2% LTR + .25 lb/sk Polyflake Tail Cement: 450 sks 1:1:2 'G' + .6% CFL-8 + .2% ASM-5 + .25 lb/sk Polyflake			Job Date	04/30/2015

