



Pumping Service Report

9203849

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name North Platte Federal F21 - J24 - 22HNB	Rig Xtreme 22	Job Date May 09,2015	Call Sheet 1057625
Client Representative Mr. Tim Joel	Surface Well Location Sec 22:T5N:R63W	Down Hole Well Location	Job Type Intermediate Casing	Lead Supervisor Maguire, Matthew (26325)

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	0.000	6,980.000	--	--

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	266.68	6.276	7.656	0.0	6,970.0

Products

Stage 1

From Depth (ft): 4265

To Depth (ft): 0

Acids/Blends/Fluids :

Lead 1: 540 Sacks of 1:1:0 Poz:Type III, Density = 12.5 lb/gal, Volume Pumped = 172.2 (bbl)

Water Temperature(°F) = 45 , Bulk Temperature(°F) = 45 , Slurry Temperature(°F) = 54

+ 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): 6970

To Depth (ft): 4265

Acids/Blends/Fluids :

Tail: 365 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 74.1 (bbl)

Water Temperature(°F) = 45 , Bulk Temperature(°F) = 45 , Slurry Temperature(°F) = 54

+ 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

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>
201171	PICKUP	Service Truck	449086	TRAILER	Utility Trailer	05/09/2015 14:30	05/09/2015 23:55
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	05/09/2015 14:30	05/09/2015 23:55

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Maguire, Matthew (26325)	05/09/2015 14:30	05/09/2015 23:55		
Cheal, Samuel (28315)	05/09/2015 14:30	05/09/2015 23:55		
Leue, David (28684)	05/09/2015 14:30	05/09/2015 23:55		
Vasquez, Brandon (29989)	05/09/2015 14:30	05/09/2015 23:55		

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 09,2015 14:30	Arrive On Location		0.00	0.0	0.0	0.00	0.00
		Remarks: Signed in at lease entrance						
2	May 09,2015 17:45	Tailgate Meeting		0.00	0.0	0.0	0.00	0.00
		Remarks: Filled out JSA						
3	May 09,2015 18:00	Crew Briefing (Rig in)		0.00	0.0	0.0	0.00	0.00
4	May 09,2015 20:00	Rig in Complete		0.00	0.0	0.0	0.00	0.00
5	May 09,2015 20:05	Crew Briefing (Pre Job)		0.00	0.0	0.0	0.00	0.00
6	May 09,2015 20:10	STEACS Briefing		0.00	0.0	0.0	0.00	0.00
7	May 09,2015 20:25	Sign-off on Safety		0.00	0.0	0.0	0.00	0.00
8	May 09,2015 20:35	Start - Fluid	Water	1.50	60.0	--	2.00	2.00
		Remarks: Filled lines						
9	May 09,2015 20:36	Pressure Test Start	Water	--	4,000.0	--	--	2.00
10	May 09,2015 20:37	Pressure Test Complete	Water	--	4,000.0	--	--	2.00
		Remarks: All lines held pressure						
11	May 09,2015 20:38	Pump Preflush	Water	6.00	300.0	--	10.00	12.00
		Remarks: Poly flake for indicator marker						
12	May 09,2015 20:40	Pump Spacer	Water	6.00	400.0	--	5.00	17.00
		Remarks: Fresh water						
13	May 09,2015 20:41	Pump Preflush	Water	6.00	400.0	--	20.00	37.00
		Remarks: WS-30/SAPP						
14	May 09,2015 20:44	Pump Spacer	Water	6.00	500.0	--	5.00	42.00
		Remarks: Fresh Water						
15	May 09,2015 20:45	Mix Cement	1:1:0 Poz:Type III	8.00	1,000.0	--	172.20	214.20
		Remarks: Lead 12.5ppg (WR 9.37, Yield 1.79, SW 89.18, Mix H2O 120.5bbl)						
16	May 09,2015 21:07	Mix Cement	1-1-2 G	7.00	500.0	--	74.10	288.30
		Remarks: 14.6ppg (WR 4.81, Yield 1.14, SW 85.06 Mix H2O 41.8bbl)						
17	May 09,2015 21:26	Drop Plug		--	--	--	--	288.30
18	May 09,2015 21:28	Displace Fluid	Water	7.00	2,000.0	--	265.30	553.60
19	May 09,2015 22:20	Bump Plug		--	2,500.0	--	--	553.60
		Remarks: Bumped plug 500 PSI over						
20	May 09,2015 22:23	Check Float		--	5.0	--	--	553.60
		Remarks: Float Held						
21	May 09,2015 22:27	Stop		--	--	--	--	553.60
22	May 09,2015 22:30	Rig Out		--	--	--	--	553.60
		Remarks: Revisit JSA						
23	May 09,2015 23:45	Pre-Departure Meeting		--	--	--	--	553.60
24	May 09,2015 23:50	Job Complete		--	--	--	--	553.60
25	May 09,2015 23:55	Leave Location		--	--	--	--	553.60
		Remarks: Revisit JSA, Leave location safely						



Treatment Reports & Remarks

Did Float Hold: Yes
Fluid Returns : Yes
Type : Cement
Volume (bbl) : 30
Temperature (°F) : 54
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

57483

57484

57485