



Pumping Service Report

9204331

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name North Platte Federal F - J - 22HNC	Rig Xtreme 22	Job Date May 15,2015	Call Sheet 1057763
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	498.000	7,020.000	--	--

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	268.25	6.276	7.656	0.0	7,011.0

Products

Stage 1

From Depth (ft): 0
 To Depth (ft): 4960
 Acids/Blends/Fluids :
 Lead 1: 550 Sacks of 1:1:0 Poz:Type III, Density = 12.5 lb/gal, Volume Pumped = 175 (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): 4960
 To Depth (ft): 7011
 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),
 + 2 % of Gel (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

Attachment & Tools

Down Hole Tools

<u>Tool Type</u>	<u>Depth (ft)</u>	<u>Supplier</u>
Float Collar	6,968.000	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>
449086	TRAILER	Utility Trailer	201025	PICKUP	1 Ton	05/16/2015 00:30	05/16/2015 05:00
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	05/16/2015 00:30	05/16/2015 05:00
449121	TRAILER	1600 Porta Bulker				05/16/2015 00:30	05/16/2015 05:00

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)	05/16/2015 00:30	05/16/2015 05:00		
Vitera, John (29843)	05/16/2015 00:30	05/16/2015 05:00		
Young, Craig (27496)	05/16/2015 00:30	05/16/2015 05:00		
Meisner, Jeremy (27681)	05/16/2015 00:30	05/16/2015 05:00		
Vitera, John (29843)	05/16/2015 00:30	05/16/2015 05:00		

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	May 16,2015 00:30	Arrive On Location		--	--	--	--	0.00
2	May 16,2015 00:40	Crew Briefing (Rig in) Remarks: Discussed spotting of trucks and filled out JSA		--	--	--	--	0.00
3	May 16,2015 01:15	Rig in Complete Remarks: Had problems with cement sealing- Had to take head back off and reclean threads on head and casing		--	--	--	--	0.00
4	May 16,2015 01:30	Crew Briefing (Pre Job) Remarks: Discussed job and safety concerns with rig crew and signed JSA		--	--	--	--	0.00
5	May 16,2015 02:15	Pressure Test Start	Water	2.00	400.0	--	3.00	3.00
		Remarks: Filled lines for pressure test						
6	May 16,2015 02:19	Pressure Test Complete		--	4,000.0	--	--	3.00
		Remarks: Pressure test good						
7	May 16,2015 02:20	Pump	Water	5.00	500.0	--	10.00	13.00
		Remarks: Pumped poly flake and gel						
8	May 16,2015 02:23	Pump Spacer	Water	5.00	500.0	--	10.00	23.00
		Remarks: Pumped fresh water spacer						
9	May 16,2015 02:25	Mix Cement	1:1:0 Poz:Type III	7.00	400.0	--	175.00	198.00
		Remarks: Pumped Lead @ D-12.5, Y-1.79						
10	May 16,2015 02:49	Job Complete		--	--	--	--	198.00
11	May 16,2015 02:50	Mix Cement	0-1-0 G	7.00	400.0	--	71.00	71.00
		Remarks: Pumped Tail @ D-14.6						
12	May 16,2015 03:06	Drop Plug		--	--	--	--	71.00
13	May 16,2015 03:07	Displace Fluid	Water	6.00	1,800.0	--	269.00	340.00
14	May 16,2015 03:56	Bump Plug		--	2,300.0	--	--	340.00
		Remarks: Bumped 500 over						
15	May 16,2015 04:00	Check Float		--	--	--	--	340.00
		Remarks: Floats held 2 bbl back						
16	May 16,2015 04:10	Wash		--	--	--	--	340.00
17	May 16,2015 04:35	Rig Out		--	--	--	--	340.00
18	May 16,2015 04:55	Pre-Departure Meeting		--	--	--	--	340.00
		Remarks: Discussed journey management						
19	May 16,2015 05:00	Leave Location		--	--	--	--	198.00

Did Float Hold: Yes
 Fluid Returns : Yes
 Type : Cement
 Volume (bbl) : 17
 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

57876

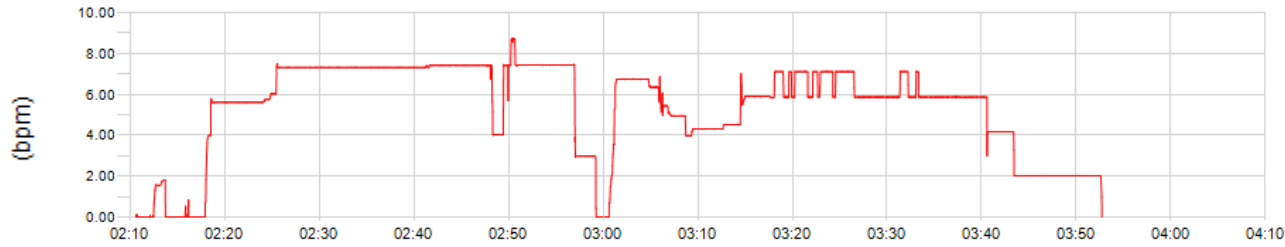
57877

57878

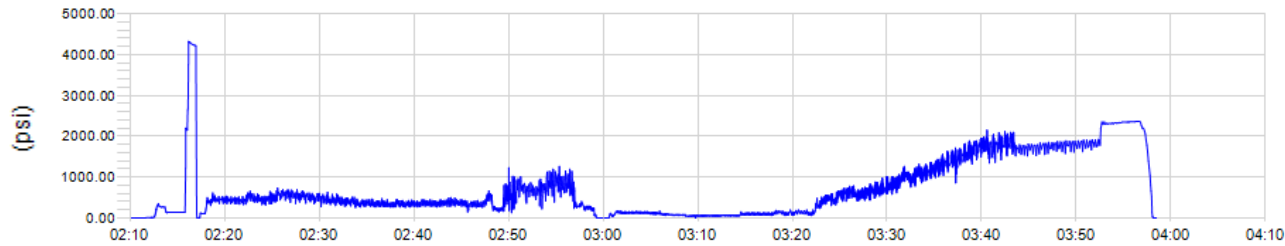


Client	Bonanza Creek Energy	Client Rep	Tim Joel	Supervisor	Kevin Hansen
Ticket No.	9204331	Well Name	North Platte Federal F-J-22HNC	Unit No.	745070
Location	Sec22:T5N:R63W	Job Type	Intermediate Casing	Service District	Ft Lupton
Comments	Lead 550 sacks -175 bbl type III @ D-12.5 Y-1.79 WR-9.37 Tail 350 sacks -71 bbl "G" @ D-14.6 Y-1.14 WR-4.81			Job Date	05/16/2015

Unit 745070 Rate Total



Unit 745070 Pump Pressure



Unit 745070 Density

