



Cementing Service Report

9208113

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Pronghorn W-32-31 MRLNB	Rig Xtreme 22	Job Date November 04,2015	Call Sheet 1062219
Client Representative Mr. Tim Joel	Surface Well Location Sec 32:T5N:R61W	Down Hole Well Location	Job Type Surface Casing	Lead Supervisor Douglass, Brian (23898)

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)
13.500	50.000	0.000	1,421.000	--	--

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		--	--	--	--	--	0.0	1,411.0

Products

Stage 1

From Depth (ft): 1421

To Depth (ft): 0

Acids/Blends/Fluids :

Tail: 695 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 181 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 40 , Slurry Temperature(°F) = 78

+ 1 % of CaCl₂ (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

Stage 2

From Depth (ft):

To Depth (ft):

Acids/Blends/Fluids :

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

Tubular Plugs

Tubular Plug Type	Size (in)	Supplier
Rubber Top	9.625	Sanjel



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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>
201168	PICKUP	1 Ton	449083	TRAILER	Utility Trailer	11/04/2015 23:00	11/05/2015 09:15
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	11/04/2015 23:00	11/05/2015 09:15
446145	TRAILER	Bulker	746145	TRACTOR	Tandem - Tractor	11/04/2015 23:00	11/05/2015 09:15
446153	TRAILER	Bulker	746153	TRACTOR	Tandem - Tractor	11/04/2015 23:00	11/05/2015 09:15
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>		<u>Second End Shift</u>		
Douglass, Brian (23898)	11/04/2015 23:00	11/05/2015 09:15					
Yates, William (29930)	11/04/2015 23:00	11/05/2015 09:15					
Melgarejo Herrera, Eduardo (26606)	11/04/2015 23:00	11/05/2015 09:15					
Leue, David (28684)	11/04/2015 23:00	11/05/2015 09:15					

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	Nov 04,2015 23:00	Arrive On Location		--	--	--	--	0.00	
2	Nov 04,2015 23:10	Crew Briefing (Rig in)		--	--	--	--	0.00	
3	Nov 05,2015 06:00	Rig in Complete		--	--	--	--	0.00	
4	Nov 05,2015 06:10	Crew Briefing (Pre Job)		--	--	--	--	0.00	
5	Nov 05,2015 06:26	Pressure Test Start		--	2,000.0	--	--	0.00	
6	Nov 05,2015 06:28	Pressure Test Complete		--	--	--	--	0.00	
7	Nov 05,2015 06:30	Pump Preflush	Water	5.00	100.0	--	20.00	0.00	
8	Nov 05,2015 06:35	Pump	0:1:0 Type III	5.00	200.0	--	181.00	0.00	
		Remarks: WR: 7.32 Yield: 1.46 Density: 14.2 Mix H2O: 121							
9	Nov 04,2015 07:20	Drop Plug		--	--	--	--	0.00	
10	Nov 05,2015 07:22	Displace Fluid	Water	5.00	500.0	--	105.60	0.00	
11	Nov 05,2015 07:56	Bump Plug		--	1,200.0	--	--	0.00	
12	Nov 05,2015 08:01	Check Float		--	--	--	--	0.00	
		Remarks: Float held							
13	Nov 05,2015 08:02	Stop		--	1,500.0	--	--	0.00	
		Remarks: casing test 1500 psi for 15 mins							
14	Nov 05,2015 08:18	Rig Out		--	--	--	--	0.00	
15	Nov 05,2015 08:55	Job Complete		--	--	--	--	0.00	
16	Nov 05,2015 09:10	Pre-Departure Meeting		--	--	--	--	0.00	
17	Nov 05,2015 09:15	Leave Location		--	--	--	--	0.00	
Did Float Hold: Yes Fluid Returns : Yes Type : Cement Volume (bbl) : 100 Temperature (°F) : 78 FDAS Functioning Correctly : Yes Was the Program Followed As Per Design? : Yes									
Material Transfer Sheet Number <u>Material Transfer Sheet Number</u> 63672 63673 63674									