



Pumping Service Report

9203863

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Pronghorn X-32-31 MRLNB	Rig Xtreme 20	Job Date April 13,2015	Call Sheet 1057194
Client Representative Mr. George Hine	Surface Well Location SE SE Sec 32:T5N:R61W	Down Hole Well Location	Job Type Intermediate Casing	Lead Supervisor Hall, Andrew J (25267)

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	35.000	0.000	6,512.000	--	--

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)
7.000	26.000	J-55	4,330.0	4,980.0	249.16	6.276	7.656	0.0	6,512.0

Products

Stage 1

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

Acids/Blends/Fluids :

Lead 1: 565 Sacks of 1-1-6 type III, Density = 12.5 lb/gal, Volume Pumped = 179.11 (bbl)
 Water Temperature(°F) = 50 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70
 + 6 % of Gel (Preblend),
 + 0.8 % of CFL-2 (Preblend),
 + 0.4 % of AS-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):	6456

Acids/Blends/Fluids :

Tail: 265 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 57.86 (bbl)
 Water Temperature(°F) = 50 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 70
 + 2 % of Gel (Preblend),
 + 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
Water Based Mud	--	--	--	--	Mar 02, 2015 20:51

Attachment & Tools

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>
201171	PICKUP	Service Truck	449086	TRAILER	Utility Trailer	04/14/2015 00:00	04/14/2015 05:30
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	04/14/2015 00:00	04/14/2015 05:30
446172	TRAILER	Bulker	746172	TRACTOR	Tandem - Tractor	04/14/2015 00:00	04/14/2015 05:30
446173	TRAILER	Bulker	746173	TRACTOR	Tandem - Tractor	04/14/2015 00:00	04/14/2015 05:30

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Hall, Andrew J (25267)	04/14/2015 00:00	04/14/2015 05:30		
Cheal, Samuel (28315)	04/14/2015 00:00	04/14/2015 05:30		
Meade, James (29964)	04/14/2015 00:00	04/14/2015 05:30		
Vasquez, Brandon (29989)	04/14/2015 00:00	04/14/2015 05:30		

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 14,2015 00:00	Arrive On Location		--	--	--	--	0.00
2	Apr 14,2015 00:10	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Apr 14,2015 00:40	Rig in Complete		--	--	--	--	0.00
4	Apr 14,2015 01:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Apr 14,2015 01:20	Pressure Test Start	Water	1.00	4,000.0	--	3.00	3.00
6	Apr 14,2015 01:25	Pressure Test Complete		--	--	--	--	3.00
7	Apr 14,2015 01:33	Pump	Water	5.00	300.0	--	20.00	23.00
8	Apr 14,2015 01:40	Pump	1-1-6 type III	5.00	300.0	--	179.11	202.11
9	Apr 14,2015 02:15	Pump	1-1-2 G	3.00	300.0	--	57.86	259.97
10	Apr 14,2015 02:45	Drop Plug		--	--	--	--	259.97
11	Apr 14,2015 02:50	Displace Fluid	Water Based Mud	6.00	1,300.0	--	247.26	507.23
12	Apr 14,2015 03:38	Bump Plug		--	1,866.0	--	--	507.23
13	Apr 14,2015 03:43	Check Float		--	--	--	--	507.23
14	Apr 14,2015 04:00	Rig Out		--	--	--	--	507.23
15	Apr 14,2015 05:00	Job Complete		--	--	--	--	507.23
		Remarks: AAR						
16	Apr 14,2015 05:30	Leave Location		--	--	--	--	507.23

Did Float Hold: Yes
 Fluid Returns : Yes
 Type : Cement
 Volume (bbl) : 26
 Temperature (°F) : 90
 FDAS Functioning Correctly : Yes
 Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number
 57274
 57275
 57276



Client	Bonanza Creek Energy Operation Co. LLC	Client Rep	Mr. George Hine	Supervisor	Andy Hall
Ticket No.	9203863	Well Name	State Pronghorn X-32-31 MRLNB	Unit No.	745070
Location	SE SE Sec 32: T5N:R61W	Job Type	Intermediate Casing	Service District	Fort Lupton
Comments	Pump Job as per Prog.			Job Date	04/14/2015

