



Pumping Service Report

9203789

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Pronghorn X-32-31 MRLNB	Rig Xtreme 20	Job Date April 09,2015	Call Sheet 1057142
Client Representative Mr. George Hine	Surface Well Location SE SE Sec 32:T5N:R67W	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	453.000

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	34.25	8.921	10.625	0.0	443.0

Products

Stage 1

From Depth (ft):	0
To Depth (ft):	443

Acids/Blends/Fluids :

Tail: 260 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 61.5 (bbl)
 Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , 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



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	449086	TRAILER	Utility Trailer	04/09/2015 14:30	04/09/2015 20:15
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	04/09/2015 14:30	04/09/2015 20:15
446194	TRAILER	Bulker	746194	TRACTOR	Tandem - Tractor	04/09/2015 14:30	04/09/2015 20:15

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)	04/09/2015 14:30	04/09/2015 20:15		
Pigg, Martin (28301)	04/09/2015 14:30	04/09/2015 20:15		
Pyfer, Kevin (29802)	04/09/2015 14:30	04/09/2015 20:15		
Molina, Alejandro (29922)	04/09/2015 14:30	04/09/2015 20:15		

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	Apr 09,2015 14:30	Arrive On Location		--	--	--	--	0.00
2	Apr 09,2015 14:40	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Apr 09,2015 17:30	Rig in Complete		--	--	--	--	0.00
4	Apr 09,2015 18:20	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Apr 09,2015 18:30	Pressure Test Start		--	2,000.0	--	--	0.00
6	Apr 09,2015 18:33	Pressure Test Complete		--	--	--	--	0.00
7	Apr 09,2015 18:35	Pump	Water	4.00	140.0	--	10.00	0.00
8	Apr 09,2015 18:38	Pump	Water	4.00	140.0	--	10.00	0.00
		Remarks: with gel and polyflake						
9	Apr 09,2015 18:41	Pump	0:1:0 Type III	4.00	200.0	--	61.50	0.00
		Remarks: WR: 6.34 Yield. 1.33 Density. 14.8						
10	Apr 09,2015 18:59	Stop		--	--	--	--	0.00
11	Apr 09,2015 19:00	Drop Plug		--	--	--	--	0.00
12	Apr 09,2015 19:03	Displace Fluid	Water	4.00	300.0	--	31.00	0.00
13	Apr 09,2015 19:15	Bump Plug		--	800.0	--	--	0.00
14	Apr 09,2015 19:17	Check Float		--	--	--	--	0.00
		Remarks: float held						
15	Apr 09,2015 19:25	Rig Out		--	--	--	--	0.00
16	Apr 09,2015 20:10	Job Complete		--	--	--	--	0.00
17	Apr 09,2015 20:15	Leave Location		--	--	--	--	0.00

Did Float Hold: Yes
 Fluid Returns : Yes
 Type : Cement
 Volume (bbl) : 10
 Temperature (°F) : 65
 FDAS Functioning Correctly : Yes
 Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number
 57253
 57254



Client	BONANZA CREEK ENERGY INC	Client Rep	MR. GEORGE HINE	Supervisor	BRIAN DOUGLASS
Ticket No.	9203789	Well Name	STATE PRONGHORN X-32-31-MRLNB	Unit No.	745070
Location	SE SE SEC. 32-T5N-R61W	Job Type	Surface Casing	Service District	FORT LPTON, CO
Comments	260 SX TYPE III + ADDITIVES			Job Date	04/09/2015

