



9208142

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Pronghorn 41 - 32 - 31 MRLNB	Rig Xtreme 22	Job Date November 16,2015	Call Sheet 1062514
Client Representative Mr. Tim Joel	Surface Well Location Sec 32:T5N:R61W	Down Hole Well Location	Job Type Intermediate Casing	Lead Supervisor Prigmore, Dominic (27161)

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

<u>Size (in)</u>	<u>Excess (%)</u>	<u>TMD From (ft)</u>	<u>TMD To (ft)</u>	<u>TVD From (ft)</u>	<u>TVD To (ft)</u>
8.750	30.000	1,360.000	6,599.000	--	--

Casing

<u>Size</u> <u>(in)</u>	<u>Weight</u> <u>(lb/ft)</u>	<u>Grade</u>	<u>Collapse Pressure</u> <u>(psi)</u>	<u>Internal Yield Pressure</u> <u>(psi)</u>	<u>Capacity</u> <u>(bbl)</u>	<u>I.D.</u> <u>(in)</u>	<u>O.D.</u> <u>(in)</u>	<u>Depth From</u> <u>(ft)</u>	<u>Depth To</u> <u>(ft)</u>
9.625	36.000	J-55	2,020.0	3,520.0	105.14	8.921	10.625	0.0	1,360.0
7.000	26.000	J-55	4,330.0	4,980.0	252.07	6.276	7.656	0.0	6,588.0

Products**Stage 1**

From Depth (ft): 0

To Depth (ft): 4707

Acids/Blends/Fluids :

Lead 1: 525 Sacks of 1-1-6 type III, Density = 12.5 lb/gal, Volume Pumped = 168 (bbl)

Water Temperature(°F) = 45 , Bulk Temperature(°F) = 45 , Slurry Temperature(°F) = 55

+ 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): 4707

To Depth (ft): 6599

Acids/Blends/Fluids :

Tail: 260 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 53 (bbl)

Water Temperature(°F) = 45 , Bulk Temperature(°F) = 45 , Slurry Temperature(°F) = 55

+ 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

<u>Fluid Type</u>	<u>Viscosity (cP)</u>	<u>Density (lbs/gal)</u>	<u>Yield Point (psi)</u>	<u>Temperature (°F)</u>	<u>Recorded@</u>
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>
449083	TRAILER	Utility Trailer	201401	PICKUP	1 Ton	11/16/2015 03:30	11/16/2015 13:30
445052	TRAILER	SCM Twin	745052	TRACTOR	Tandem - Tractor	11/16/2015 03:30	11/16/2015 13:30
446172	TRAILER	Bulker	446172	TRAILER	Bulker	11/16/2015 03:30	11/16/2015 13:30
446173	TRAILER	Bulker	746173	TRACTOR	Tandem - Tractor	11/16/2015 03:30	11/16/2015 13:30

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Prigmore, Dominic (27161)	11/16/2015 03:30	11/16/2015 13:30		
Ripka, Robert (23825)	11/16/2015 03:30	11/16/2015 13:30		
Trujillo, Dino (29839)	11/16/2015 03:30	11/16/2015 13:30		
Peterson, Ryan (28158)	11/16/2015 03:30	11/16/2015 13:30		

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	Nov 16,2015 03:30	Arrive On Location		--	--	--	--	0.00
2	Nov 16,2015 03:40	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Nov 16,2015 08:00	Rig in Complete		--	--	--	--	0.00
4	Nov 16,2015 08:30	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Nov 16,2015 10:26	Pressure Test Start	Water	--	4,100.0	--	--	0.00
6	Nov 16,2015 10:27	Pressure Test Complete	Water	--	4,100.0	--	--	0.00
		Remarks: Good PT						
7	Nov 16,2015 10:28	Establish Circulation	Water	4.00	240.0	--	5.00	5.00
8	Nov 16,2015 10:30	Pump Preflush	Water	4.00	200.0	--	20.00	25.00
9	Nov 16,2015 10:37	Pump Spacer	Water	4.00	100.0	--	5.00	30.00
10	Nov 16,2015 10:40	Mix Cement	1-1-6 type III	6.80	400.0	--	168.00	198.00
11	Nov 16,2015 11:07	Mix Cement	1-1-2 G	5.00	200.0	--	53.00	251.00
		Remarks: T.O.C 4707'						
12	Nov 16,2015 11:30	Stop		--	--	--	--	251.00
13	Nov 16,2015 11:34	Drop Plug	Water Based Mud	--	--	--	--	251.00
14	Nov 16,2015 11:47	Displace Fluid	Water Based Mud	7.80	1,000.0	--	251.00	502.00
15	Nov 16,2015 12:36	Bump Plug	Water Based Mud	--	2,100.0	--	--	502.00
16	Nov 16,2015 12:38	Check Float	Water Based Mud	--	--	--	--	502.00
		Remarks: 1.75 bbls back.						
17	Nov 16,2015 12:43	Hold Pressure	Water	--	1,500.0	--	--	502.00
		Remarks: Hold 1500 psi. for 15 min.						
18	Nov 16,2015 12:59	Rig Out		--	--	--	--	502.00
19	Nov 16,2015 13:00	Job Complete		--	--	--	--	502.00
20	Nov 16,2015 13:30	Leave Location		--	--	--	--	502.00
Did Float Hold:		Yes						
Fluid Returns :		Yes						
Type :		Cement						
Volume (bbl) :		38						
Temperature (°F) :		74						
FDAS Functioning Correctly :		Yes						
Was the Program Followed As Per Design? :		Yes						
Material Transfer Sheet Number								
Material Transfer Sheet Number								
63823								
63822								
63824								