



Pumping Service Report

9206030

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Pronghorn 43-32-31 MRLNB	Rig Xtreme 20	Job Date April 21,2015	Call Sheet 1057315
Client Representative Mr. George Hine	Surface Well Location SE SE Sec 32:T5N:R61W	Down Hole Well Location	Job Type Intermediate Casing	Lead Supervisor Contreras, Bennie (23469)

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	--	0.000	6,710.000	--	--

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	254.55	6.276	7.656	0.0	6,653.0
9.625	36.000	J-55	2,020.0	3,520.0	34.48	8.921	10.625	0.0	446.0

Products

Stage 1

From Depth (ft): 0

To Depth (ft): 5000

Acids/Blends/Fluids :

Lead 1: 525 Sacks of 1-1-6 type III, Density = 12.5 lb/gal, Volume Pumped = 166.4 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 72

+ 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): 6653

Acids/Blends/Fluids :

Tail: 285 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 57.8 (bbl)

Water Temperature(°F) = 55 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 73

+ 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

Acidizing • Cementing • Coiled Tubing • Fracturing • Nitrogen

Canada • USA • International

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Attachment & Tools

Tubular Plugs

<u>Tubular Plug Type</u>	<u>Size (in)</u>	<u>Supplier</u>
Rubber Top	7.000	Client

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>
449095	TRAILER	Utility Trailer	201017	PICKUP	1 Ton	04/21/2015 01:30	04/21/2015 08:30
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	04/21/2015 01:30	04/21/2015 08:30
449121	TRAILER	1600 Porta Bulker				04/21/2015 01:30	04/21/2015 08:30

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Contreras, Bennie (23469)	04/21/2015 01:30	04/21/2015 08:33		
Leue, David (28684)	04/21/2015 01:30	04/21/2015 08:33		
Lindsay, Kevin (27589)	04/21/2015 01:30	04/21/2015 08:33		
Meade, James (29964)	04/21/2015 01:30	04/21/2015 08:33		

Treatment Reports & Remarks



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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 21,2015 01:30	Arrive On Location		--	--	--	--	0.00
		Remarks: Arrived.						
2	Apr 21,2015 01:40	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: Muster, 911 caller, Nearest med., Amb. and driver, Location safety equip., Job scope.						
3	Apr 21,2015 03:15	Rig in Complete		--	--	--	--	0.00
		Remarks: Rig in complete.						
4	Apr 21,2015 03:50	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: Muster, 911 caller, Nearest med., Amb. and driver, Location safety equip., Job scope.						
5	Apr 21,2015 04:22	Pressure Test Start	Water	--	4,000.0	--	--	0.00
		Remarks: Pressure test 4000 psi.						
6	Apr 21,2015 04:24	Pressure Test Complete		--	--	--	--	0.00
		Remarks: Test complete.						
7	Apr 21,2015 04:24	Pump	Water	6.00	300.0	--	10.00	10.00
		Remarks: 10 BBLs of poly trace.						
8	Apr 21,2015 04:26	Pump Preflush	Water	5.00	300.0	--	20.00	30.00
		Remarks: 20 BBLs of SAPP						
9	Apr 21,2015 04:30	Pump Spacer	Water	5.00	300.0	--	5.00	35.00
		Remarks: 5 BBL fresh water spacer.						
10	Apr 21,2015 04:32	Mix Cement	1-1-6 type III	7.00	500.0	--	166.40	201.40
		Remarks: 166.4 BBLs of cement @ 12.5 lb/gal. LEAD						
11	Apr 21,2015 04:55	Mix Cement	1-1-2 G	7.00	500.0	--	57.80	259.20
		Remarks: 57.8 BBLs of cement @ 14.6 lb/gal. TAIL						
12	Apr 21,2015 05:04	Drop Plug	Water	--	--	--	--	259.20
		Remarks: Dropped plug.						
13	Apr 21,2015 05:15	Displace Fluid	Water	5.20	1,500.0	--	256.00	515.20
		Remarks: Displaced 256 BBLs of water to bump plug @ 2222 psi.						
14	Apr 21,2015 06:17	Check Float	Water	--	--	--	--	515.20
		Remarks: Checked floats and got 2 BBLs of water back.						
15	Apr 21,2015 07:30	Rig Out		--	--	--	--	515.20
		Remarks: Rig out iron.						
16	Apr 21,2015 07:55	Job Complete		--	--	--	--	515.20
		Remarks: Job complete.						
17	Apr 21,2015 08:30	Leave Location		--	--	--	--	515.20
		Remarks: Leave.						

Did Float Hold: Yes
Fluid Returns : Yes
Type : Cement
Volume (bbl) : 21
Temperature (°F) : 88
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes



Treatment Reports & Remarks

Material Transfer Sheet Number

Material Transfer Sheet Number

57338

57339

57340



Client	Bonanza Creek	Client Rep	Mr .Kenny Graham	Supervisor	Bennie Contreras
Ticket No.	9206030	Well Name	State Pronghorn 43-32-31 MRLNB	Unit No.	745070
Location	Sec32:T5N:R61W	Job Type	Intermediate Casing	Service District	Fort Lupton
Comments	525 sacks 1-1-6 Type III @ 12.5 lb/gal 285 sacks 1-1-2 G @ 14.6 lb/gal			Job Date	04/21/2015

