



Pumping Service Report

9203842

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Proghorn 43-32 - 31 MRLNB	Rig Xtreme 20	Job Date April 18,2015	Call Sheet 1057291
Client Representative Mr. George Hine	Surface Well Location SE SE Sec 32:T5N:R61W	Down Hole Well Location	Job Type Surface Casing	Lead Supervisor Maguire, Matthew (26325)

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>
13.500	50.000	0.000	450.000	--	--

Casing

<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Collapse Pressure</u>	<u>Internal Yield Pressure</u>	<u>Capacity</u>	<u>I.D.</u>	<u>O.D.</u>	<u>Depth From</u>	<u>Depth To</u>
(in)	(lb/ft)		(psi)	(psi)	(bbl)	(in)	(in)	(ft)	(ft)
9.625	36.000	J-55	2,020.0	3,520.0	31.31	8.921	10.625	0.0	405.0

Products

Stage 1

From Depth (ft):	0
To Depth (ft):	450

Acids/Blends/Fluids :

Tail: 230 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 54.5 (bbl)
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 50
+ 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

<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

Attachment & Tools

Tubular Plugs

<u>Tubular Plug Type</u>	<u>Size (in)</u>	<u>Supplier</u>
Rubber Top	9.625	Client



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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>
449086	TRAILER	Utility Trailer	201191	PICKUP	1 Ton	04/18/2015 13:00	04/18/2015 18:00
445051	TRAILER	SCM Twin	745051	TRACTOR	Tandem - Tractor	04/18/2015 13:00	04/18/2015 18:00
446194	TRAILER	Bulker	746194	TRACTOR	Tandem - Tractor	04/18/2015 13:00	04/18/2015 18:00

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Maguire, Matthew (26325)	04/18/2015 13:00	04/18/2015 18:00		
Dunsbergen, Scott (29737)	04/18/2015 13:00	04/18/2015 18:00		
Devine, Richard (29733)	04/18/2015 13:00	04/18/2015 18:00		
Bark, Eric (28944)	04/18/2015 13:00	04/18/2015 18:00		

Treatment Reports & Remarks



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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 18,2015 13:00	Arrive On Location		--	--	--	--	0.00
		Remarks: Signed in at lease entrance, checked in with company rep Mr. George Hine.						
2	Apr 18,2015 13:20	Tailgate Meeting		--	--	--	--	0.00
		Remarks: Filled out JSA.						
3	Apr 18,2015 14:20	Crew Briefing (Rig in)		--	--	--	--	0.00
4	Apr 18,2015 14:50	Rig in Complete		--	--	--	--	0.00
5	Apr 18,2015 14:55	Crew Briefing (Pre Job)		--	--	--	--	0.00
6	Apr 18,2015 15:00	STEACS Briefing		--	--	--	--	0.00
7	Apr 18,2015 15:15	Sign-off on Safety		--	--	--	--	0.00
8	Apr 18,2015 15:36	Start - Fluid	Water	2.50	30.0	--	1.00	1.00
		Remarks: Filled lines.						
9	Apr 18,2015 15:37	Pressure Test Start	Water	--	2,000.0	--	--	1.00
10	Apr 18,2015 15:38	Pressure Test Complete	Water	--	2,000.0	--	--	1.00
		Remarks: All lines held pressure.						
11	Apr 18,2015 15:40	Establish Circulation	Water	3.00	50.0	--	20.00	21.00
		Remarks: 10 bbls water + WG-1L + polyflake, 10 bbls fresh water spacer.						
12	Apr 18,2015 15:47	Mix Cement	0:1:0 Type III	3.00	60.0	--	54.50	75.50
		Remarks: WR=6.34,						
13	Apr 18,2015 16:05	Stop		--	--	--	--	75.50
14	Apr 18,2015 16:07	Drop Plug		--	--	--	--	75.50
15	Apr 18,2015 16:09	Displace Fluid	Water	3.00	800.0	--	31.30	106.80
16	Apr 18,2015 16:20	Bump Plug	0:1:0 Type III	--	800.0	--	--	106.80
		Remarks: Bumped at 500psi over.						
17	Apr 18,2015 16:22	Check Float	Water	--	800.0	--	--	106.80
		Remarks: Float held.						
18	Apr 18,2015 16:23	Stop		--	--	--	--	106.80
19	Apr 18,2015 16:30	Wash	Water	1.50	100.0	--	20.00	106.80
20	Apr 18,2015 17:00	Rig Out		--	--	--	--	106.80
		Remarks: Revisit JSA.						
21	Apr 18,2015 17:30	Pre-Departure Meeting		--	--	--	--	106.80
22	Apr 18,2015 17:45	Job Complete		--	--	--	--	106.80
23	Apr 18,2015 18:00	Leave Location		--	--	--	--	106.80
		Remarks: Revisit JSA.						

Did Float Hold: Yes
Fluid Returns : Yes
Type : Cement
Volume (bbl) : 20
Temperature (°F) : 50
FDAS Functioning Correctly : Yes
Was the Program Followed As Per Design? : Yes



Treatment Reports & Remarks

Material Transfer Sheet Number

Material Transfer Sheet Number

57336

57337



Client	Bonanza Creek Energy Operation Co, LLC	Client Rep	Mr. George Hine	Supervisor	Matthew Maguire
Ticket No.	9203842	Well Name	State Pronghorn 43-32 - 31 MRLNB	Unit No.	
Location	SE SE Sec 32:T5N:R61W	Job Type	Surface Casing	Service District	D505
Comments	Fill lines, PT 2000psi, 10 bbls water + WG-1L + Polyflake, 10 bbls fresh water spacer, 54.5 bbls slurry, WR=6.34, Y=1.33, D=14.8, Sk Wt=95.19, 34.7 bbls mix water, stop, drop plug, 31.3 bbls displacement, bump plug 500psi over, check float for 2 min., stop.			Job Date	04/18/2015

