



Pumping Service Report

9203827

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Antelope 11 - 41 - 2HNB	Rig Xtreme 20	Job Date March 08,2015	Call Sheet 1056400
Client Representative Mr. Kenny Graham	Surface Well Location Sec 2:T5N:R62W	Down Hole Well Location	Job Type Surface Casing	

**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	450.000	--	--	

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	30.61	8.921	10.625	0.0	396.0	

**Products**

<b>Plug 1</b>	
From Depth (ft):	396
To Depth (ft):	0
Plug Type :	Well Stability
Acids/Blends/Fluids :	
Tail: 250 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 59.2 (bbl)	
Water Temperature(°F) = 50 , Bulk Temperature(°F) = 50 , Slurry Temperature(°F) = 50	
+ 1 % of CaCl2 (Preblend),	
+ 0.25 lb/sack of Polyflake (Preblend)	
<b>Plug 2</b>	
From Depth (ft):	
To Depth (ft):	
Plug Type :	N/A
Acids/Blends/Fluids :	

**Fluid & Cement Data**

Expected Cement Top:	Surface				
<b>Wellbore Fluid</b>					
Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	8.400	--	--	Feb 26, 2015 14:02

**Attachment & Tools**

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



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**Units & Personnel**

**Units**

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
449087	TRAILER	Utility Trailer	201168	PICKUP	1 Ton	03/09/2015 01:00	03/09/2015 10:30
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	03/09/2015 01:00	03/09/2015 10:30
446145	TRAILER	Bulker	746145	TRACTOR	Tandem - Tractor	03/09/2015 01:00	03/09/2015 10:30

**Crew and Bonuses**

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Maguire, Matthew	03/09/2015 01:00	03/09/2015 10:30		
Cox, Brandon	03/09/2015 01:00	03/09/2015 10:30		
Betts, Dallas	03/09/2015 01:00	03/09/2015 10:30		
Peterson, Ryan	03/09/2015 01:00	03/09/2015 10:30		

**Treatment Reports & Remarks**



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Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)
1	Mar 09,2015 01:00	Arrive On Location Remarks: Signed in at lease entrance.		--	--	--	--	0.00
2	Mar 09,2015 01:20	Tailgate Meeting Remarks: Filled out JSA,		--	--	--	--	0.00
3	Mar 09,2015 01:30	Crew Briefing (Rig in)		--	--	--	--	0.00
4	Mar 09,2015 07:10	Rig in Complete		--	--	--	--	0.00
5	Mar 09,2015 07:15	Crew Briefing (Pre Job)		--	--	--	--	0.00
6	Mar 09,2015 07:25	STEACS Briefing		--	--	--	--	0.00
7	Mar 09,2015 07:40	Sign-off on Safety		--	--	--	--	0.00
8	Mar 09,2015 08:17	Start - Fluid Remarks: Filled lines,	Water	2.00	--	--	2.00	2.00
9	Mar 09,2015 08:19	Pressure Test Start	Water	--	2,000.0	--	--	2.00
10	Mar 09,2015 08:20	Pressure Test Complete Remarks: All lines held pressure.	Water	--	2,000.0	--	--	2.00
11	Mar 09,2015 08:23	Pump Remarks: Indicator marker, 20 bbls water + 25lbs Polyflake.	Water	--	--	--	10.00	12.00
12	Mar 09,2015 08:28	Mix Cement Remarks: WR=6.34,	0:1:0 Type III	--	--	--	59.20	71.20
13	Mar 09,2015 08:49	Stop		--	--	--	--	71.20
14	Mar 09,2015 08:50	Drop Plug		--	--	--	--	71.20
15	Mar 09,2015 08:52	Displace Fluid	Water	--	--	--	30.60	101.80
16	Mar 09,2015 09:04	Bump Plug Remarks: Bumped plug.	Water	--	1,510.0	--	--	101.80
17	Mar 09,2015 09:06	Check Float Remarks: Float held.	Water	--	1,450.0	--	--	101.80
18	Mar 09,2015 09:07	Stop		--	--	--	--	101.80
19	Mar 09,2015 09:30	Wash	Water	1.50	100.0	--	20.00	101.80
20	Mar 09,2015 10:00	Rig Out Remarks: Revisit JSA.		--	--	--	--	101.80
21	Mar 09,2015 10:20	Pre-Departure Meeting		--	--	--	--	101.80
22	Mar 09,2015 10:25	Job Complete		--	--	--	--	101.80
23	Mar 09,2015 10:30	Leave Location Remarks: Revisit JSA, leave location safely.		--	--	--	--	101.80

Did Float Hold: Yes  
 Fluid Returns : Yes  
 Type : Cement  
 Volume (bbl) : 14  
 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

57577

57578



Client	Bonanza Creek Energy Operation Co, LLC	Client Rep	Mr. Jason Kough	Supervisor	Matthew Maguire
Ticket No.	9203827	Well Name	State Antelope 11-41-2HNB	Unit No.	745070
Location	Sec 2:T5N:R62W	Job Type	Surface Casing	Service District	505
Comments	Fill lines, PT 2000psi, 10 bbls fresh ahead, 10 bbls marker indicator, 20 bbls fresh spacer, 59.2 bbls slurry, WR=6.34, Y=1.33, D=14.8, Sk Wt=95.19, 37.7 bbls mix water, stop, drop plug, 30.6 bbls displacement, bump plug, check float, bleed back, stop.			Job Date	03/09/2015

