



**Pumping
Service Report**

9203637

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Antelope A11-U41- 2HNC	Rig Xtreme 20	Job Date March 13,2015	Call Sheet 1056579
Client Representative Mr. Kenny Graham	Surface Well Location Sec 2:T5N:R62W	Down Hole Well Location	Job Type Intermediate 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)
	8.750	--	450.000	6,673.000	--	--

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	34.79	8.921	10.625	0.0	450.0
	7.000	26.000	P-110	6,210.0	9,520.0	251.72	6.276	7.656	0.0	6,579.0

Products

Stage 1
From Depth (ft): 0
To Depth (ft): 4902
Acids/Blends/Fluids :
Lead 1: 560 Sacks of 1-1-6 type III, Density = 12.5 lb/gal, Volume Pumped = 177 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 65
+ 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): 4902
To Depth (ft): 6579
Acids/Blends/Fluids :
Tail: 310 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 63 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 65
+ 2 % of Gel (Preblend),
+ 0.6 % of CFL-8 (Preblend),
+ 0.2 % of FMC (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



**Pumping
Service Report**

9203637

Attachment & Tools

Down Hole Tools

Tool Type	Depth (ft)	Supplier
Float Collar	6,536.000	Client
Guide Shoe	6,579.000	Client

Tubular Plugs

Tubular Plug Type	Size (in)	Supplier
Rubber Top	7.000	Client

Units & Personnel

Units

Truck Unit No.	Main Type	Sub Type	Tractor Unit No.	Main Type	Sub Type	Time On Location	Time Off Location
201025	PICKUP	1 Ton				03/13/2015 11:30	03/13/2015 19:00
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	03/13/2015 11:30	03/13/2015 19:00
746506	BODY JOB	Baby Bulker				03/13/2015 11:30	03/13/2015 19:00

Crew and Bonuses

Employee	Start Shift	End Shift	Second Start Shift	Second End Shift
Hansen, Kevin	03/13/2015 11:30	03/13/2015 19:00		
Barden, Sean	03/13/2015 11:30	03/13/2015 19:00		
Teegerstrom, Ty	03/13/2015 11:30	03/13/2015 19:00		
Faircloth, Branden	03/13/2015 11:30	03/13/2015 19:00		
Betts, Dallas	03/13/2015 11:30	03/13/2015 19:00		

Treatment Reports & Remarks



Pumping Service Report

9203637

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	Mar 13,2015 11:30	Arrive On Location		--	--	--	--	0.00
2	Mar 13,2015 11:45	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: Discused spotting of trucks and filled out jsa						
3	Mar 13,2015 14:45	Rig in Complete		--	--	--	--	0.00
4	Mar 13,2015 15:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: discuse job and safety concerns with rig crew and signed jsa.						
5	Mar 13,2015 15:26	Pressure Test Start	Water	2.00	300.0	--	2.00	2.00
		Remarks: filled lines for pressure test						
6	Mar 13,2015 15:30	Pressure Test Complete	Water	--	4,000.0	--	--	2.00
		Remarks: pressure test good						
7	Mar 13,2015 15:34	Pump	Water	5.00	500.0	--	24.00	2.00
		Remarks: pumped fresh water per company man. no mud flush						
8	Mar 13,2015 15:37	Mix Cement	1-1-6 type III	6.00	500.0	--	177.00	179.00
		Remarks: pumped at D-12.5						
9	Mar 13,2015 16:04	Job Complete		--	--	--	--	179.00
10	Mar 13,2015 16:05	Mix Cement	1-1-2 G	6.00	500.0	--	63.00	63.00
		Remarks: pumped at D-14.6						
11	Mar 13,2015 16:15	Drop Plug		--	--	--	--	63.00
12	Mar 13,2015 16:17	Displace Fluid	Water Based Mud	6.00	1,600.0	--	250.00	313.00
13	Mar 13,2015 17:06	Bump Plug		--	2,100.0	--	--	313.00
		Remarks: Bumped plug 500 over						
14	Mar 13,2015 17:05	Check Float		--	--	--	--	313.00
		Remarks: floats held 1 bbl back						
15	Mar 13,2015 17:10	Wash		--	--	--	--	313.00
16	Mar 13,2015 18:00	Rig Out		--	--	--	--	313.00
17	Mar 13,2015 18:45	Pre-Departure Meeting		--	--	--	--	313.00
		Remarks: discused journey management						
18	Mar 13,2015 19:00	Leave Location		--	--	--	--	179.00

Did Float Hold: Yes

Fluid Returns : Yes

Type : Cement

Volume (bbl) : 50

Temperature (°F) : 70

FDAS Functioning Correctly : Yes

Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number

57609

57607

57618



Client	Bonanza Creek Energy	Client Rep	Kenny Graham	Supervisor	Kevn Hansen
Ticket No.	9203637	Well Name	State Antelope A11-U41-2HNC	Unit No.	445052
Location	Sec 2:T5N:R62W	Job Type	Intermediate Casing	Service District	Ft Lupton
Comments	Pump 560 Sacks 1-1-6 Typelll 177 bbl @ D-12.5 Y-1.78 Lead Pump 330 Sacks 1-1-2 G 67 bbl @ D-14.6 Y-1.14			Job Date	03/13/2015

