



Cementing Service Report

9206181

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Antelope 44-1-36 XRLNB	Rig Xtreme 20	Job Date June 09,2015	Call Sheet 1058299
Client Representative Mr. Kenny Graham	Surface Well Location Sec 1:T5N:R62W	Down Hole Well Location	Job Type Intermediate Casing	Lead Supervisor Klosterman, Austin (27698)

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	6,665.000	--	--

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		--	--	--	--	--	0.0	440.0
7.000	26.000		--	--	--	--	--	0.0	6,653.0

Products

Stage 1

From Depth (ft): 0

To Depth (ft): 5000

Acids/Blends/Fluids :

Lead 1: 540 Sacks of 1-1-6 type III, Density = 12.5 lb/gal, Volume Pumped = 172 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 55 , 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): 5000

To Depth (ft): 6665

Acids/Blends/Fluids :

Tail: 300 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 61 (bbl)

Water Temperature(°F) = 50 , Bulk Temperature(°F) = 55 , Slurry Temperature(°F) = 65

+ 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

**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>
201114	PICKUP	3/4 Ton				06/09/2015 01:30	06/09/2015 08:00
445047	TRAILER	SCM Twin	745047	TRACTOR	Tandem - Tractor	06/09/2015 01:30	06/09/2015 08:00
446145	TRAILER	Bulker	746145	TRACTOR	Tandem - Tractor	06/09/2015 01:30	06/09/2015 08:00
446153	TRAILER	Bulker	746153	TRACTOR	Tandem - Tractor	06/09/2015 01:30	06/09/2015 08:00

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Klosterman, Austin (27698)	06/09/2015 01:30	06/09/2015 08:00		
Cox, Brandon (27419)	06/09/2015 01:30	06/09/2015 08:00		
Devine, Richard (29733)	06/09/2015 01:30	06/09/2015 08:00		
Orist, Mark (28876)	06/09/2015 01:30	06/09/2015 08:00		

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	Jun 09,2015 01:30	Arrive On Location		0.00	0.0	0.0	0.00	0.00
2	Jun 09,2015 01:40	Crew Briefing (Rig in)		0.00	0.0	0.0	0.00	0.00
3	Jun 09,2015 03:30	Rig in Complete		0.00	0.0	0.0	0.00	0.00
4	Jun 09,2015 03:40	Crew Briefing (Pre Job)		0.00	0.0	0.0	0.00	0.00
5	Jun 09,2015 04:00	Pressure Test Start	Water	0.00	5,600.0	0.0	0.00	0.00
6	Jun 09,2015 04:01	Pressure Test Complete	Water	0.00	5,600.0	0.0	0.00	0.00
7	Jun 09,2015 04:03	Pump Preflush	Water	7.00	860.0	0.0	20.00	20.00
		Remarks: Mudflush.						
8	Jun 09,2015 04:10	Pump Preflush	Water	7.00	700.0	0.0	20.00	40.00
		Remarks: Fresh.						
9	Jun 09,2015 04:12	Pump	1-1-6 type III	6.70	900.0	0.0	172.00	212.00
		Remarks: Mix up and pump 500sx @ 12.5#, Yield 1.79, WR 9.37.						
10	Jun 09,2015 04:41	Pump	1-1-2 G	6.70	600.0	0.0	61.00	273.00
		Remarks: Mix up and pump 300sx @ 14.6#, Yield 1.14, WR 4.81.						
11	Jun 09,2015 05:05	Drop Plug On The Fly	Water Based Mud	0.00	0.0	0.0	0.00	273.00
12	Jun 09,2015 05:06	Displace Fluid	Water Based Mud	7.00	200.0	0.0	233.00	506.00
13	Jun 09,2015 05:50	Decrease Pump Rate	Water Based Mud	2.60	1,100.0	0.0	20.00	526.00
14	Jun 09,2015 05:54	Pumping Pressure Before Bump	Water Based Mud	0.00	1,300.0	0.0	0.00	526.00
15	Jun 09,2015 05:55	Bump Plug	Water Based Mud	0.00	1,850.0	0.0	0.00	526.00
16	Jun 09,2015 05:57	Check Float		0.00	0.0	0.0	0.00	526.00
		Remarks: 1,5 bbls back.						
17	Jun 09,2015 06:02	Pressure Test	Water	0.00	2,500.0	0.0	0.00	526.00
		Remarks: Casing test @ 2500 psi for 15 minutes.						
18	Jun 09,2015 06:30	Rig Out		0.00	0.0	0.0	0.00	526.00
19	Jun 09,2015 07:30	Job Complete		0.00	0.0	0.0	0.00	526.00
20	Jun 09,2015 08:00	Leave Location		0.00	0.0	0.0	0.00	526.00
Did Float Hold: Yes Fluid Returns : Yes Type : Cement Volume (bbl) : 63 Temperature (°F) : 65 FDAS Functioning Correctly : Yes Was the Program Followed As Per Design? : Yes								
Material Transfer Sheet Number <u>Material Transfer Sheet Number</u> 57097 57095 57095								





Client	Bonanza Creek	Client Rep	Kenny Graham	Supervisor	A. Klosterman
Ticket No.	9206181	Well Name	State Antelope 44-1-36XRLNB	Unit No.	445047
Location	Sec1:T5N:R62W	Job Type	Intermediate Casing	Service District	505
Comments	Mix up and pump 540 sx @ 12.5# Mix up and pump 300 sx @ 14.6# Displace 253 bbls			Job Date	06/09/2015

