



## Cementing Service Report

9206551

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Antelope 44 - 1 - 36 XRLNB	Rig Xtreme 20	Job Date July 18,2015	Call Sheet 1059178
Client Representative Mr. George Hine	Surface Well Location Sec 1:T5N:R62W	Down Hole Well Location	Job Type Liner 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

<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>
6.125	--	5,400.000	15,903.000	--	--

### Casing

<u>Size (in)</u>	<u>Weight (lb/ft)</u>	<u>Grade</u>	<u>Collapse Pressure (psi)</u>	<u>Internal Yield Pressure (psi)</u>	<u>Capacity (bbl)</u>	<u>I.D. (in)</u>	<u>O.D. (in)</u>	<u>Depth From (ft)</u>	<u>Depth To (ft)</u>
7.000	26.000	P-110	6,210.0	9,520.0	254.63	6.276	7.656	0.0	6,655.0
4.500	11.600	P-110	7,560.0	10,690.0	--	4.000	5.000	--	--

### Products

#### Stage 1

From Depth (ft): 5400

To Depth (ft): 15903

Acids/Blends/Fluids :

Tail: 910 Sacks of SanTail WB, Density = 13.5 lb/gal, Volume Pumped = 202.6 (bbl)

Water Temperature(°F) = 65 , Bulk Temperature(°F) = 75 , Slurry Temperature(°F) = 83

+ 1 % of CFL-4 (Preblend),

+ 0.1 % of CFR-5 (Preblend),

+ 0.4 % of ASM-3 (Preblend),

+ 0.4 % of LTR (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

### Fluid & Cement Data

Expected Cement Top: Depth (ft): 5400

#### 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
Water Based Mud	--	--	--	--	Mar 02, 2015 20:51

**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>
201009	PICKUP	1 Ton	449095	TRAILER	Utility Trailer	07/18/2015 07:20	07/18/2015 16:30
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	07/18/2015 07:20	07/18/2015 16:30
446200	TRAILER	Bulker	746200	TRACTOR	Tandem - Tractor	07/18/2015 07:20	07/18/2015 16:30
446201	TRAILER	Bulker	746201	TRACTOR	Tandem - Tractor	07/18/2015 07:20	07/18/2015 16:30

**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)	07/18/2015 15:46	07/18/2015 16:30		
Young, Craig (27496)	07/18/2015 15:46	07/18/2015 16:30		
Decenick, Scott (30083)	07/18/2015 15:46	07/18/2015 16:30		
Vitera, John (29843)	07/18/2015 15:46	07/18/2015 16:30		

**Treatment Reports & Remarks**

Treatment Reports & Remarks									
Treatment Report									
Event #	Event Time	Event Description	Fluid Type	Rate	Tubular Pressure	Annular Pressure	Stage Volume	Total Volume	
				(bbl/min)	(psi)	(psi)	(bbl)	(bbl)	
1	Jul 18,2015 07:20	Arrive On Location		--	--	--	--	0.00	
	Remarks: Arrived.								
2	Jul 18,2015 07:30	Crew Briefing (Rig in)		--	--	--	--	0.00	
	Remarks: STEACS								
3	Jul 18,2015 11:00	Rig in Complete		--	--	--	--	0.00	
	Remarks: Rig in complete.								
4	Jul 18,2015 11:30	Crew Briefing (Pre Job)		--	--	--	--	0.00	
	Remarks: Muster, 911 caller, Nearest med., Amb. and driver, Location safety equipt., Job scope.								
5	Jul 18,2015 12:14	Pressure Test Start	Water	--	5,000.0	--	--	0.00	
	Remarks: 5000 psi pressure test.								
6	Jul 18,2015 12:16	Pressure Test Complete		--	--	--	--	0.00	
	Remarks: Test complete.								
7	Jul 18,2015 12:17	Establish Circulation	Water	4.00	1,100.0	--	20.00	20.00	
	Remarks: Establish circulation 20 BBLs.								
8	Jul 18,2015 12:23	Mix Cement	SanTail WB	4.00	500.0	--	202.60	222.60	
	Remarks: Mix and pump 202.6 BBLs of cement @ 13.5 lb/gal								
9	Jul 18,2015 13:14	Displace Fluid	Water	4.00	50.0	--	3.00	225.60	
	Remarks: Displace 3 BBLs of water.								
10	Jul 18,2015 13:15	Stop		--	--	--	--	225.60	
	Remarks: Stop and drop dart.								
11	Jul 18,2015 13:18	Displace Fluid	Water	4.00	2,000.0	--	195.70	421.30	
	Remarks: Displace 195.7 BBLs of water to bump @ 2000 psi								
12	Jul 18,2015 14:14	Check Float	Water	--	--	--	--	421.30	
	Remarks: Bled back and got 1 BBL.								
13	Jul 18,2015 14:46	Pressure Test	Water	--	2,500.0	--	--	421.30	
	Remarks: Pressure test 2500 psi for 15 min..								
14	Jul 18,2015 15:45	Rig Out		--	--	--	--	421.30	
	Remarks: Rig out.								
15	Jul 18,2015 16:15	Job Complete		--	--	--	--	421.30	
	Remarks: Job complete.								
16	Jul 18,2015 16:30	Leave Location		--	--	--	--	421.30	
	Remarks: Leave.								
Did Float Hold:		Yes							
Fluid Returns :		Yes							
Type :		Cement							
Volume (bbl) :		10							
Temperature (°F) :		90							
FDAS Functioning Correctly :		Yes							
Was the Program Followed As Per Design? :		Yes							



Treatment Reports & Remarks	
Material Transfer Sheet Number	
<u>Material Transfer Sheet Number</u>	
65154	
65153	
65155	



Client	Bonanza Creek	Client Rep	Mr. George Hine	Supervisor	Bennie Contreras
Ticket No.	9206551	Well Name	State Antelope 44-1-36XRLNB	Unit No.	745051
Location	Sec.1:T5N:R62W	Job Type	Liner Casing	Service District	Fort Lupton
Comments	910 sks San Tail WB @ 13.5 lb/gal.			Job Date	07/18/2015

