



Cementing Service Report

9204361

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Antelope E-A-21 HNB	Rig Xtreme 22	Job Date June 16,2015	Call Sheet 1058437
Client Representative Mr. Tim Joel	Surface Well Location Sec 21:T5N:R62W	Down Hole Well Location	Job Type Surface Casing	Lead Supervisor Lopez, Armando (29064)

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	458.000	--	--

Casing

<u>Size</u> <u>(in)</u>	<u>Weight</u> <u>(lb/ft)</u>	<u>Grade</u>	<u>Collapse Pressure</u> <u>(psi)</u>	<u>Internal Yield Pressure</u> <u>(psi)</u>	<u>Capacity</u> <u>(bbl)</u>	<u>I.D.</u> <u>(in)</u>	<u>O.D.</u> <u>(in)</u>	<u>Depth From</u> <u>(ft)</u>	<u>Depth To</u> <u>(ft)</u>
9.625	36.000	J-55	2,020.0	3,520.0	34.63	8.921	10.625	0.0	448.0

Products

Stage 1

From Depth (ft):	0
To Depth (ft):	448

Acids/Blends/Fluids :

Tail: 260 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 61 (bbl)
Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 80
+ 1 % of CaCl₂ (Preblend),
+ 0.25 lb/sack of Polyflake (Preblend)

Stage 2

From Depth (ft):	
To Depth (ft):	

Acids/Blends/Fluids :

Extra Cement: 1 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 1 (bbl)
+ 2 % of CaCl₂ (Prehydrate)

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