



Cementing Service Report

9204339

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Antelope E-A-21 HNB	Rig Xtreme 22	Job Date June 18,2015	Call Sheet 1058492
Client Representative Rig #	Surface Well Location Sec 21:T5N:R62W	Down Hole Well Location	Job Type Intermediate Casing	Lead Supervisor Hansen, Kevin (27592)

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	25.000	448.000	6,809.000	--	--

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	34.63	8.921	10.625	0.0	448.0
7.000	26.000	P-110	6,210.0	9,520.0	260.14	6.276	7.656	0.0	6,799.0

Products

Stage 1

From Depth (ft): 0

To Depth (ft): 5037

Acids/Blends/Fluids :

Lead 1: 525 Sacks of 1-1-6 type III, Density = 12.5 lb/gal, Volume Pumped = 166 (bbl)

Water Temperature(°F) = 78 , Bulk Temperature(°F) = 78 , Slurry Temperature(°F) = 84

+ 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): 5037

To Depth (ft): 6799

Acids/Blends/Fluids :

Tail: 305 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 62 (bbl)

Water Temperature(°F) = 78 , Bulk Temperature(°F) = 78 , Slurry Temperature(°F) = 84

+ 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