



Cementing Service Report

9208133

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Antelope K-O-28HNB	Rig Xtreme 22	Job Date October 17,2015	Call Sheet 1061662
Client Representative Mr. Tim Joel	Surface Well Location Sec 21:T5N:R61W	Down Hole Well Location	Job Type Intermediate Casing	Lead Supervisor Prigmore, Dominic (27161)

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>
8.750	30.000	1,550.000	6,770.000	--	--

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	119.83	8.921	10.625	0.0	1,550.0
7.000	26.000	P-110	6,210.0	9,520.0	257.77	6.276	7.656	0.0	6,737.0

Products

Stage 1

From Depth (ft): 0

To Depth (ft): 2537

Acids/Blends/Fluids :

Lead 1: 525 Sacks of 1-1-6 type III, Density = 12.5 lb/gal, Volume Pumped = 166.4 (bbl)

Water Temperature(°F) = 66 , Bulk Temperature(°F) = 66 , Slurry Temperature(°F) = 66

+ 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): 2537

To Depth (ft): 6770

Acids/Blends/Fluids :

Tail: 335 Sacks of 1-1-2 G, Density = 14.6 lb/gal, Volume Pumped = 68 (bbl)

Water Temperature(°F) = 66 , Bulk Temperature(°F) = 66 , Slurry Temperature(°F) = 66

+ 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: --

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

**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>
449087	TRAILER	Utility Trailer	201168	PICKUP	1 Ton	10/17/2015 19:00	10/17/2015 23:45
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	10/17/2015 19:00	10/17/2015 23:45
446167	TRAILER	Bulker	746167	TRACTOR	Tandem - Tractor	10/17/2015 19:00	10/17/2015 23:45
446171	TRAILER	Bulker	746171	TRACTOR	Tandem - Tractor	10/17/2015 19:00	10/17/2015 23:45

Crew and Bonuses

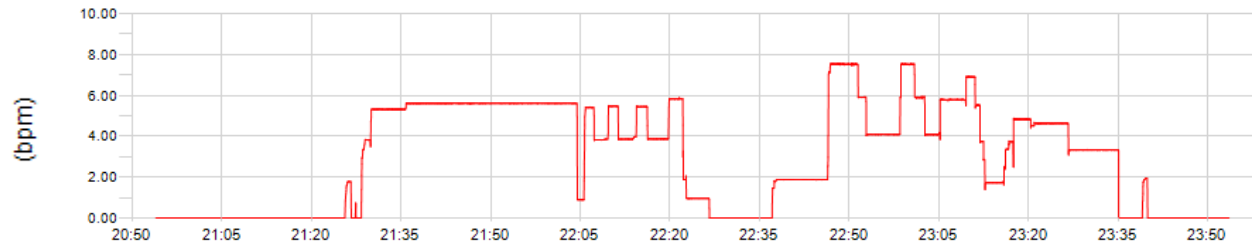
<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Prigmore, Dominic (27161)	10/17/2015 19:00	10/17/2015 23:45		
Pigg, Martin (28301)	10/17/2015 19:00	10/17/2015 23:45		
Melgarejo Herrera, Eduardo (26606)	10/17/2015 19:00	10/17/2015 23:45		
Phillips, James (23627)	10/17/2015 19:00	10/17/2015 23:45		

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	Oct 17,2015 19:00	Arrive On Location		--	--	--	--	0.00	
2	Oct 17,2015 19:10	Crew Briefing (Rig in)		--	--	--	--	0.00	
3	Oct 17,2015 20:30	Rig in Complete		--	--	--	--	0.00	
4	Oct 17,2015 21:00	Crew Briefing (Pre Job)		--	--	--	--	0.00	
5	Oct 17,2015 21:18	Pressure Test Start	Water	--	3,500.0	--	--	0.00	
6	Oct 17,2015 21:20	Pressure Test Complete	Water	--	--	--	--	0.00	
7	Oct 17,2015 21:21	Pump	Water	4.00	400.0	--	5.00	5.00	
8	Oct 17,2015 21:24	Pump Preflush		5.50	500.0	--	20.00	25.00	
9	Oct 17,2015 21:31	Pump Spacer	Water	5.50	500.0	--	5.00	30.00	
10	Oct 17,2015 21:32	Mix Cement	1-1-6 type III	5.50	530.0	--	166.40	196.40	
		Remarks: T.O.C Surface							
11	Oct 17,2015 22:06	Mix Cement	1-1-2 G	5.50	240.0	--	68.00	264.40	
		Remarks: T.O.C 2,537' Tail							
12	Oct 17,2015 22:25	Drop Plug	Water	--	--	--	--	264.40	
13	Oct 17,2015 22:35	Displace Fluid	Water	4.00	1,400.0	--	258.00	522.40	
		Remarks: Bumped @ 258							
14	Oct 17,2015 22:33	Check Float	Water	--	2,000.0	--	--	522.40	
		Remarks: 1.5 bbls back to tank.							
15	Oct 17,2015 23:39	Hold Pressure	Water	1.00	1,500.0	--	2.00	524.40	
		Remarks: Casing test for 15 min. @ 1500 psi. Held							
16	Oct 17,2015 23:55	Job Complete		--	--	--	--	524.40	
17	Oct 18,2015 00:30	Leave Location		--	--	--	--	524.40	
Did Float Hold: Yes Fluid Returns : Yes Type : Cement Volume (bbl) : 80 Temperature (°F) : 77 FDAS Functioning Correctly : Yes Was the Program Followed As Per Design? : Yes									
Material Transfer Sheet Number									
Material Transfer Sheet Number									
63543									
63545									
63544									

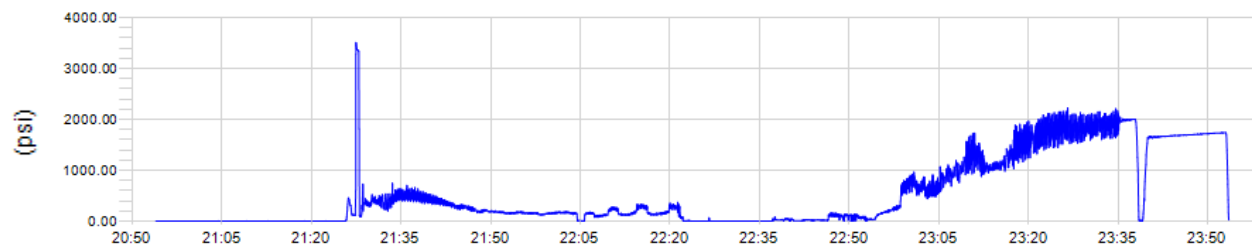


Client	Bonanza Creek Energy Operation Co, LLC	Client Rep	Tim Joel	Supervisor	Nick Prigmore
Ticket No.	9208133	Well Name	State Antelope K-O-28HNB	Unit No.	745024
Location	Sec21:T5N:R61W	Job Type	Intermediate Casing	Service District	Fort Lupton
Comments	Lead 525 sacks of 1-1-6 type III Density 12.5 lb/gal 6% of Gel .8% of CFL-2 .4% of AS-3 .4% of CDF-4P .2% of LTR .25% lb/sack Polyflake Tail 335 sacks of 1-1-2 G Density 14.6 lb/gal 2% Gel .6% CFL-8 .2% ASM-5 .25% lb/sack Polyflake			Job Date	10/17/2015

Unit 745024 Rate Total



Unit 745024 Pump Pressure





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Unit 745024 Density

