



Cementing Service Report

9206540

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name State Antelope K-O-28HNB	Rig Craig's 2	Job Date September 17,2015	Call Sheet 1060856
Client Representative Mr. Timothy Jayne	Surface Well Location SE SW Sec 2:T5N:R62W	Down Hole Well Location	Job Type Surface 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

<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	--	0.000	1,565.000	--	--

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	120.60	8.921	10.625	0.0	1,560.0

Products

Stage 1

From Depth (ft): 0

To Depth (ft): 1560

Acids/Blends/Fluids :

Tail: 740 Sacks of 0:1:0 Type III, Density = 14.2 lb/gal, Volume Pumped = 192 (bbl)

Water Temperature(°F) = 70 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 81

+ 0.5 % of CaCl₂ (Preblend),

+ 0.25 lb/sack of Polyflake (Preblend)

Stage 2

From Depth (ft):

To Depth (ft):

Acids/Blends/Fluids :

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

Attachment & Tools

Down Hole Tools

<u>Tool Type</u>	<u>Depth (ft)</u>	<u>Supplier</u>
Guide Shoe	1,560.000	Client
Float Collar	1,516.000	Client

Tubular Plugs

<u>Tubular Plug Type</u>	<u>Size (in)</u>	<u>Supplier</u>
Rubber Top	9.625	Sanjel



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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>
449093	TRAILER	Utility Trailer	200925	PICKUP	1 Ton	09/17/2015 14:30	09/17/2015 20:30
445024	TRAILER	SCM Twin	745024	TRACTOR	Tandem - Tractor	09/17/2015 14:30	09/17/2015 20:30
446200	TRAILER	Bulker	746200	TRACTOR	Tandem - Tractor	09/17/2015 14:30	09/17/2015 20:30
446201	TRAILER	Bulker	746201	TRACTOR	Tandem - Tractor	09/17/2015 14:30	09/17/2015 20:30
200596	PICKUP	1/2 Ton				09/17/2015 14:30	09/17/2015 20:30
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>		<u>End Shift</u>	<u>Second Start Shift</u>		<u>Second End Shift</u>	
Hansen, Kevin (27592)	09/17/2015 14:30		09/17/2015 20:30				
Ripka, Robert (23825)	09/17/2015 14:30		09/17/2015 20:30				
Bark, Eric (28944)	09/17/2015 14:30		09/17/2015 20:30				
Decenick, Scott (30083)	09/17/2015 14:30		09/17/2015 20:30				
Arnoldt, Bart (18087)							



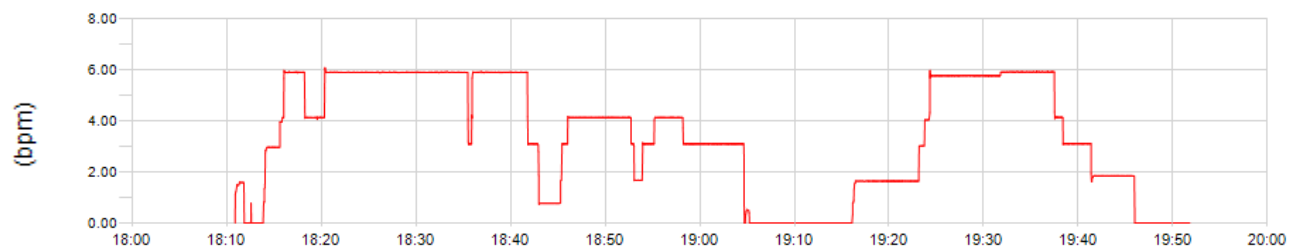
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Treatment Reports & Remarks									
Treatment Report									
Event #	Event Time	Event Description	Fluid Type	Rate (bbl/min)	Tubular Pressure (psi)	Annular Pressure (psi)	Stage Volume (bbl)	Total Volume (bbl)	
1	Sep 17,2015 14:30	Arrive On Location		--	--	--	--	0.00	
2	Sep 17,2015 14:40	Crew Briefing (Rig in)		--	--	--	--	0.00	
		Remarks: Discussed spotting of trucks and filled out JSA							
3	Sep 17,2015 17:30	Rig in Complete		--	--	--	--	0.00	
4	Sep 17,2015 17:45	Crew Briefing (Pre Job)		--	--	--	--	0.00	
		Remarks: Discussed job and safety concerns with rig crew							
5	Sep 17,2015 18:09	Pressure Test Start		2.00	100.0	--	2.00	2.00	
		Remarks: Filled lines for pressure test							
6	Sep 17,2015 18:14	Pressure Test Complete		--	2,000.0	--	--	2.00	
		Remarks: Pressure test good							
7	Sep 17,2015 18:15	Pump	Water	5.00	200.0	--	20.00	22.00	
		Remarks: Pumped 20 bbl fresh water							
8	Sep 17,2015 18:20	Mix Cement	0:1:0 Type III	4.00	200.0	--	192.00	214.00	
		Remarks: Pumped @ D-14.2, Y-1.46, WR-7.32							
9	Sep 17,2015 19:15	Drop Plug		--	--	--	--	214.00	
10	Sep 17,2015 19:16	Displace Fluid	Water	4.00	600.0	--	117.00	331.00	
11	Sep 17,2015 19:45	Bump Plug		--	1,100.0	--	--	331.00	
		Remarks: Bumped 500 over							
12	Sep 17,2015 19:49	Check Float		--	--	--	--	331.00	
		Remarks: Floats held 1 bbl back							
13	Sep 17,2015 19:50	Job Complete		--	--	--	--	331.00	
14	Sep 17,2015 19:51	Wash		--	--	--	--	331.00	
15	Sep 17,2015 20:10	Rig Out		--	--	--	--	331.00	
16	Sep 17,2015 20:25	Pre-Departure Meeting		--	--	--	--	331.00	
		Remarks: Discussed journey management							
17	Sep 17,2015 20:30	Leave Location		--	--	--	--	331.00	
Did Float Hold: Yes									
Fluid Returns : Yes									
Type : Cement									
Volume (bbl) : 45									
Temperature (°F) : 87									
FDAS Functioning Correctly : Yes									
Was the Program Followed As Per Design? : Yes									
Material Transfer Sheet Number									
Material Transfer Sheet Number									
65766									
65768									
65780									

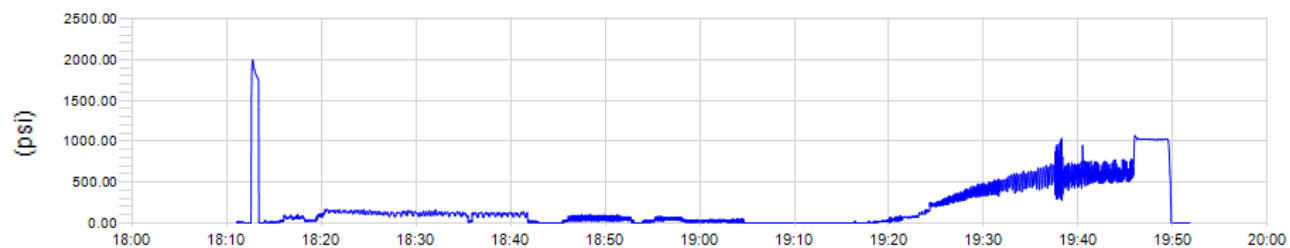


Client	Bonanza Creek Energy	Client Rep	Mr Timothy Jayne	Supervisor	Kevin Hansen
Ticket No.	9206540	Well Name	State Antelope K-O-28HNB	Unit No.	745024
Location	SE SW Sec2:T5N:R62W	Job Type	Surface Casing	Service District	Ft Lupton
Comments	740 sacks type III @ D-14.2, Y-1.46, WR-7.32			Job Date	09/17/2015

Unit 745024 Rate Total



Unit 745024 Pump Pressure



Unit 745024 Density

