



Cementing Service Report

9206134

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name Pronghorn C13-W43-28HNB	Rig Craig 4	Job Date June 22,2015	Call Sheet 1058577
Client Representative Mr. Jason Kough	Surface Well Location SW SW Sec 28:T5N:R61W	Down Hole Well Location	Job Type Surface Casing	Lead Supervisor Douglass, Brian (23898)

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	40.000	--	--	0.000	759.140

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		--	--	--	--	--	0.0	759.1

Products

Stage 1

From Depth (ft):	0
To Depth (ft):	759.14

Acids/Blends/Fluids :

Tail: 422 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 100 (bbl)
Water Temperature(°F) = 55 , Bulk Temperature(°F) = 80 , Slurry Temperature(°F) = 97
+ 1 % of CaCl₂ (Preblend),
+ 0.25 lb/sack of Polyflake (Preblend),
+ 0.2 % of CDF-4P (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

Tubular Plugs

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



9206134

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>
201017	PICKUP	1 Ton	449093	TRAILER	Utility Trailer	06/22/2015 11:00	06/22/2015 14:10
445046	TRAILER	SCM Twin	745046	TRACTOR	Tandem - Tractor	06/22/2015 11:00	06/22/2015 14:10
446145	TRAILER	Bulker	746145	TRACTOR	Tandem - Tractor	06/22/2015 11:00	06/22/2015 14:10
Crew and Bonuses							
<u>Employee</u>	<u>Start Shift</u>		<u>End Shift</u>		<u>Second Start Shift</u>		<u>Second End Shift</u>
Douglass, Brian (23898)	06/22/2015 11:00		06/22/2015 14:10				
Leue, David (28684)	06/22/2015 11:00		06/22/2015 14:10				
Melgarejo Herrera, Eduardo (26606)	06/22/2015 11:00		06/22/2015 14:10				
Betts, Dallas (30257)	06/22/2015 11:00		06/22/2015 14:10				

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	Jun 22,2015 11:00	Arrive On Location		--	--	--	--	0.00
2	Jun 22,2015 11:10	Crew Briefing (Rig in)		--	--	--	--	0.00
3	Jun 22,2015 11:50	Rig in Complete		--	--	--	--	0.00
4	Jun 22,2015 12:00	Crew Briefing (Pre Job)		--	--	--	--	0.00
5	Jun 22,2015 12:10	Pressure Test Start		--	2,000.0	--	--	0.00
6	Jun 22,2015 12:11	Pressure Test Complete		--	--	--	--	0.00
7	Jun 22,2015 12:13	Pump Preflush	Water	4.00	100.0	--	20.00	0.00
8	Jun 22,2015 12:23	Pump	0:1:0 Type III	5.00	100.0	--	100.00	0.00
Remarks: WR. 6.34 YIELD: 1.33 DENSITY. 14.8 MIX H2O 64 BBLS								
9	Jun 22,2015 12:50	Drop Plug		--	--	--	--	0.00
10	Jun 22,2015 12:52	Displace Fluid	Water	5.00	400.0	--	55.00	0.00
11	Jun 22,2015 13:09	Bump Plug		--	--	--	--	0.00
12	Jun 22,2015 13:13	Check Float		--	--	--	--	0.00
Remarks: FLOAT HELD								
13	Jun 22,2015 13:20	Rig Out		--	--	--	--	0.00
14	Jun 22,2015 13:50	Job Complete		--	--	--	--	0.00
15	Jun 22,2015 14:00	Pre-Departure Meeting		--	--	--	--	0.00
16	Jun 22,2015 14:10	Leave Location		--	--	--	--	0.00

Did Float Hold: Yes
 Fluid Returns : Yes
 Type : Cement
 Volume (bbl) : 35
 Temperature (°F) : 80
 FDAS Functioning Correctly : Yes
 Was the Program Followed As Per Design? : Yes

Material Transfer Sheet Number

Material Transfer Sheet Number
 57192
 57191



Client	BONANZA CREEK ENERGY OPERATION LLC	Client Rep	MR. DANNY	Supervisor	BRIAN DOUGLASS
Ticket No.	9206134	Well Name	PRONGHORN C13-W43-28HNB	Unit No.	445046
Location	SW SW SEC.28-T5N-R61W	Job Type	Surface Casing	Service District	FORT LUPTON,CO
Comments	422 SX TYPE III. 100 BBLs @ 14.8PPG			Job Date	06/22/2015

