



Cementing Service Report

9206212

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name Pronghorn C-W-28HNC	Rig Craig 4	Job Date June 23,2015	Call Sheet 1058584
Client Representative Mr. Jason Kough	Surface Well Location SW SW Sec 28:T5N:R61W	Down Hole Well Location	Job Type Surface Casing	Lead Supervisor Maguire, Matthew (26325)

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	45.000	--	--	--	--

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	55.30	8.921	10.625	0.0	715.4

Products

Stage 1

From Depth (ft): 0

To Depth (ft): 715.37

Acids/Blends/Fluids :

Tail: 420 Sacks of 0:1:0 Type III, Density = 14.8 lb/gal, Volume Pumped = 99.5 (bbl)

Water Temperature(°F) = 60 , Bulk Temperature(°F) = 60 , Slurry Temperature(°F) = 60

+ 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	Sanjel



9206212

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>
201025	PICKUP	1 Ton	449093	TRAILER	Utility Trailer	06/23/2015 04:20	06/23/2015 08:00
445046	TRAILER	SCM Twin	745046	TRACTOR	Tandem - Tractor	06/23/2015 04:20	06/23/2015 08:00
446152	TRAILER	Bulker	746152	TRACTOR	Tandem - Tractor	06/23/2015 04:20	06/23/2015 08:00

Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Maguire, Matthew (26325)	06/23/2015 04:20	06/23/2015 08:00		
Svoboda, Miloslav (28226)	06/23/2015 04:20	06/23/2015 08:00		
Martinez, Fernando (28421)	06/23/2015 04:20	06/23/2015 08:00		
Lindsay, Kevin (27589)	06/23/2015 04:20	06/23/2015 08:00		

Treatment Reports & Remarks

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 23,2015 04:20	Arrive On Location		--	--	--	--	0.00
		Remarks: Checked in with company rep Mr. Joe Nichols and went over numbers with him.						
2	Jun 23,2015 04:25	Tailgate Meeting		--	--	--	--	0.00
		Remarks: Filled out JSA.						
3	Jun 23,2015 04:30	Crew Briefing (Rig in)		--	--	--	--	0.00
4	Jun 23,2015 05:00	Rig in Complete		--	--	--	--	0.00
5	Jun 23,2015 05:10	Crew Briefing (Pre Job)		--	--	--	--	0.00
6	Jun 23,2015 05:20	STEACS Briefing		--	--	--	--	0.00
7	Jun 23,2015 05:30	Sign-off on Safety		--	--	--	--	0.00
8	Jun 23,2015 05:45	Start - Fluid	Water	2.00	20.0	--	2.00	2.00
		Remarks: Filled lines.						
9	Jun 23,2015 05:47	Pressure Test Start	Water	--	2,000.0	--	--	2.00
10	Jun 23,2015 05:48	Pressure Test Complete	Water	--	2,000.0	--	--	2.00
		Remarks: All lines held pressure.						
11	Jun 23,2015 05:49	Establish Circulation	Water	4.00	30.0	--	20.00	22.00
		Remarks: 10 bbls of Polyflake for indicator marker followed by 10 bbls fresh water spacer.						
12	Jun 23,2015 05:54	Mix Cement	0:1:0 Type III	5.00	500.0	--	99.50	121.50
		Remarks: WR=6.34,						
13	Jun 23,2015 06:35	Stop		--	--	--	--	121.50
14	Jun 23,2015 06:38	Drop Plug		--	--	--	--	121.50
15	Jun 23,2015 06:40	Displace Fluid	Water	4.00	928.0	--	55.30	176.80
16	Jun 23,2015 07:02	Bump Plug	Water	--	928.0	--	--	176.80
17	Jun 23,2015 07:07	Check Float	Water	--	910.0	--	--	176.80
		Remarks: Float held, held pressure for 5 minutes.						
18	Jun 23,2015 07:09	Stop		--	--	--	--	176.80
19	Jun 23,2015 07:15	Wash	Water	1.50	100.0	--	20.00	176.80
20	Jun 23,2015 07:45	Rig Out		--	--	--	--	176.80
		Remarks: Revisit JSA.						
21	Jun 23,2015 08:00	Pre-Departure Meeting		--	--	--	--	176.80
22	Jun 23,2015 08:05	Job Complete		--	--	--	--	176.80
23	Jun 23,2015 08:07	Leave Location		--	--	--	--	176.80
		Remarks: Revisit JSA, leave location safely.						
Did Float Hold:		Yes						
Fluid Returns :		Yes						
Type :		Cement						
Volume (bbl) :		25						
Temperature (°F) :		60						
FDAS Functioning Correctly :		Yes						
Was the Program Followed As Per Design? :		Yes						



Treatment Reports & Remarks	
Material Transfer Sheet Number	
<u>Material Transfer Sheet Number</u>	
	57202
	57204



Client	Bonanza Creek Energy Operation Co. LLC	Client Rep	Mr. Joe Nichols	Supervisor	Matthew Maguire
Ticket No.	9206212	Well Name	Pronghorn C-W-28HNC	Unit No.	445046
Location	SW SW Sec 28:T5N:R61W	Job Type	Surface Casing	Service District	505
Comments	Fill lines, PT 2000psi, 20bbls fresh ahead, 99.5 bbls slurry, WR=6.34, Y=1.33, D=14.8, Sk Wt=95.19, 63.4 bbls mix water, stop, drop plug, 55.3 bbls displacement, bup plug 500psi over, check float, release pressure, stop.			Job Date	06/23/2015

