

Client Name Bonanza Creek Energy Operation Co, LLC	Well Name Pronghorn 13 - 43 - 28HNC	Rig Extreme Drilling Inc 20	Job Date August 08,2015	Call Sheet 1059811
Client Representative Mr. George Hine	Surface Well Location SW SW Sec 25:T5N:R61W	Down Hole Well Location	Job Type Intermediate Casing	Lead Supervisor Contreras, Bennie (23469)

#### 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	--	0.000	6,587.000	--	--

#### 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)
7.000	26.000	P-110	6,210.0	9,520.0	251.65	6.276	7.656	0.0	6,577.0
9.625	36.000	J-55	2,020.0	3,520.0	59.91	8.921	10.625	0.0	775.0

#### Products

##### Stage 1

From Depth (ft):	0
To Depth (ft):	5000

##### Acids/Blends/Fluids :

Lead 1: 535 Sacks of 1:1:6 Poz Type III Gel, Density = 12.5 lb/gal, Volume Pumped = 169.6 (bbl)  
 Water Temperature(°F) = 65 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 76  
 + 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):	5000
To Depth (ft):	6577

##### Acids/Blends/Fluids :

Tail: 280 Sacks of 1:1:2 Poz G Gel, Density = 14.6 lb/gal, Volume Pumped = 56.8 (bbl)  
 Water Temperature(°F) = 65 , Bulk Temperature(°F) = 70 , Slurry Temperature(°F) = 76  
 + 0.6 % of CFL-8 (Preblend),  
 + 0.25 % of FMC (Preblend),  
 + 0.25 lb/sack of Polyflake (Preblend)

#### Fluid & Cement Data

Expected Cement Top: --

##### Wellbore Fluid

Fluid Type	Viscosity (cP)	Density (lbs/gal)	Yield Point (psi)	Temperature (°F)	Recorded@
Water	--	--	--	--	Jul 27, 2015 14:30
Water Based Mud	--	--	--	--	Jul 27, 2015 14:30

### Attachment & Tools

#### Tubular Plugs

<u>Tubular Plug Type</u>	<u>Size (in)</u>	<u>Supplier</u>
Rubber Top	7.000	Client

### 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	201025	PICKUP	1 Ton	08/08/2015 15:00	08/08/2015 22:00
445070	TRAILER	SCM Twin	745070	TRACTOR	Tandem - Tractor	08/08/2015 15:00	08/08/2015 22:00
446200	TRAILER	Bulker	746200	TRACTOR	Tandem - Tractor	08/08/2015 15:00	08/08/2015 22:00
446201	TRAILER	Bulker	746201	TRACTOR	Tandem - Tractor	08/08/2015 15:00	08/08/2015 22:00

#### Crew and Bonuses

<u>Employee</u>	<u>Start Shift</u>	<u>End Shift</u>	<u>Second Start Shift</u>	<u>Second End Shift</u>
Contreras, Bennie (23469)	08/08/2015 15:00	08/08/2015 22:00		
Young, Craig (27496)	08/08/2015 15:00	08/08/2015 22:00		
Yates, tony	08/08/2015 15:00	08/08/2015 22:00		
Faircloth, Branden (29706)	08/08/2015 15:00	08/08/2015 22:00		

### 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	Aug 08,2015 15:00	Arrive On Location		--	--	--	--	0.00
		Remarks: Arrived.						
2	Aug 08,2015 15:15	Crew Briefing (Rig in)		--	--	--	--	0.00
		Remarks: STEACS						
3	Aug 08,2015 16:40	Rig in Complete		--	--	--	--	0.00
		Remarks: Rig in complete.						
4	Aug 08,2015 16:50	Crew Briefing (Pre Job)		--	--	--	--	0.00
		Remarks: Muster, 911 caller. Nearest med., Amb. and driver, Location safety equipt., Job scope.						
5	Aug 08,2015 18:12	Pressure Test Start	Water	--	5,000.0	--	--	0.00
		Remarks: Pressure test 5000 psi. Had to take head off and use swedge, Head had a leak.						
6	Aug 08,2015 18:14	Pressure Test Complete		--	--	--	--	0.00
		Remarks: Test complete.						
7	Aug 08,2015 18:15	Pump	Water	6.00	500.0	--	10.00	10.00
		Remarks: Pump 10 BBLs ahead with poly and gel for tracer.						
8	Aug 08,2015 18:17	Pump Preflush	Water	6.00	250.0	--	20.00	30.00
		Remarks: 20 BBLs of SAPP Mudflush.						
9	Aug 08,2015 18:20	Pump	Water	4.00	250.0	--	5.00	35.00
		Remarks: 5 BBLs of fresh water spacer.						
10	Aug 08,2015 18:23	Mix Cement	1:1:6 Poz Type III Gel	6.00	500.0	--	169.60	204.60
		Remarks: Mix and pump 169.6 BBLs of lead cement @ 12.5 lb/gal.						
11	Aug 08,2015 18:57	Mix Cement	1:1:2 Poz G Gel	5.00	500.0	--	56.80	261.40
		Remarks: Mix and pump 56.8 BBLs of Tail cement @ 14.6 lb/gal..						
12	Aug 08,2015 19:12	Stop		--	--	--	--	261.40
		Remarks: Stop unscrew swedge and drop plug.						
13	Aug 08,2015 19:19	Displace Fluid	Water	6.50	1,800.0	--	250.00	511.40
		Remarks: Displace 250 BBLs of water to bump plug @ 2300 psi (500 psi over)..						
14	Aug 08,2015 20:10	Check Float	Water	--	--	--	--	511.40
		Remarks: Bleed back to check float got 2 BBLs back.						
15	Aug 08,2015 20:11	Pressure Test	Water	--	2,000.0	--	--	511.40
		Remarks: Pressure test casing 2000 psi for 15 minutes.						
16	Aug 08,2015 20:35	Rig Out		--	--	--	--	511.40
		Remarks: Rig out						
17	Aug 08,2015 21:30	Job Complete		--	--	--	--	511.40
		Remarks: Job complete.						
18	Aug 08,2015 22:00	Leave Location		--	--	--	--	511.40
		Remarks: Leave.						



Treatment Reports & Remarks	
Did Float Hold:	Yes
Fluid Returns :	Yes
Type :	Cement
Volume (bbl) :	55
Temperature (°F) :	89
FDAS Functioning Correctly :	Yes
Was the Program Followed As Per Design? :	Yes
<b>Material Transfer Sheet Number</b>	
<u>Material Transfer Sheet Number</u>	
	65371
	65372
	65370



Client	Bonanza Creek	Client Rep	Mr. George Hine	Supervisor	Bennie Contreras
Ticket No.	9206554	Well Name	Pronghorn 13-43-28HNC	Unit No.	745070
Location	Sec25:T5N:R61W	Job Type	Intermediate Casing	Service District	Fort Lupton
Comments	Lead 535 sks 1-1-6 Poz Type III Gel @ 12.5 lb/gal Tail 280 sks 1-1-2 Poz G Gel @ 14.6 lb/gal			Job Date	08/08/2015

