



# Bonanza Creek Energy

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## Surface Post Job Report

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North Platte F-J-28HNC

S:21 T:5N R:63W Weld CO

Quote #:

| Execution #:

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# Bonanza Creek Energy

Attention: Mr. Adam Conry | (303) 883.3351 | AConry@bonanzacrk.com

Bonanza Creek Energy | 410 17th St Suite 1400 | Denver, CO. 80202

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Dear Mr. Adam Conry,

Thank you for the opportunity to provide cementing services on this well. BJ Services strives to achieve complete customer satisfaction. If you have any questions regarding the services or data provided, please contact BJ Services at any time.

Sincerely,  
Jason Creel  
Field Engineer I | (307) 256-0306 | Jason.Creel@bjservices.com

Field Office 1716 East Allison Rd., Cheyenne WY, 82007  
Phone: (307) 638-5585

Sales Office 999 18th St. Suite 1200 Denver, CO 80202  
Phone: (281) 408-2361

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# Cementing Treatment



<b>Start Date</b>	9/6/2018	<b>Well</b>	NORTH PLATTE F-J-28HNC
<b>End Date</b>	9/6/2018	<b>API#</b>	05-123-47012
<b>Client</b>	BONANZA CREEK ENERGY	<b>County</b>	WELD
<b>Service Sup.</b>	Hector Montoya	<b>State/Province</b>	CO
<b>District</b>	Cheyenne, WY	<b>Execution ID</b>	EXC-10781-D9H2L202
<b>Type of Job</b>	Surface	<b>Project ID</b>	PRJ1010514

## WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	TVD (ft)	Excess(%)	Thread
Open Hole	13.50	0.00	0.00	1,616.00	1,616.00	30.00	
Casing	8.92	9.63	36.00	1,606.00	1,616.00		9.625

Shoe Length (ft): 9

## HARDWARE

<b>Top Plug Used?</b>	Yes	<b>Landing Collar Depth (ft)</b>	1,597
<b>Top Plug Provided By</b>	Non BJ	<b>Max Casing Pressure - Rated (psi)</b>	2050.00
<b>Top Plug Size</b>	9.625	<b>Max Casing Pressure - Operated (psi)</b>	2050.00
<b>Centralizers Used</b>	Yes	<b>Job Pumped Through</b>	Manifold
<b>Centralizers Quantity</b>	16	<b>Top Connection Size</b>	9.625
<b>Centralizers Type</b>	Bow		

## CIRCULATION PRIOR TO JOB

<b>Well Circulated By</b>	Rig	<b>PV Mud Out</b>	11
<b>Circulation Prior to Job</b>	Yes	<b>YP Mud In</b>	6
<b>Circulation Time (min)</b>	60.00	<b>YP Mud Out</b>	6
<b>Circulation Rate (bpm)</b>	5.00	<b>Solids Present at End of Circulation</b>	No
<b>Circulation Volume (bbls)</b>	300.00	<b>10 sec SGS</b>	5.00
<b>Lost Circulation Prior to Cement Job</b>	No	<b>10 min SGS</b>	8.00
<b>Mud Density In (ppg)</b>	8.60	<b>30 min SGS</b>	10.00
<b>Mud Density Out (ppg)</b>	8.60	<b>Flare Prior to/during the Cement Job</b>	No
<b>PV Mud In</b>	11	<b>Gas Present</b>	No

## TEMPERATURE

<b>Ambient Temperature (°F)</b>	75.00	<b>Slurry Cement Temperature (°F)</b>	71.00
<b>Mix Water Temperature (°F)</b>	70.00	<b>Flow Line Temperature (°F)</b>	71.00

# Cementing Treatment



## BJ FLUID DETAILS

Fluid Type	Fluid Name	Density (ppg)	Yield (Cu Ft/sk)	H2O Req. (gals/sk)	Length (Ft)	Vol (sk)	Vol (Cu Ft)	Vol (bbls)
Spacer / Pre Flush / Flush	Water (Pre-flush)	8.3308						20.0000
Tail Slurry	BJCem S100.3.XC	14.5000	1.3901	6.78	1,650.00	766.00	1,066.0000	189.8000
Displacement Final	Water	8.3300					0.0000	123.0000

Fluid Type	Fluid Name	Component	Concentration	UOM
Tail Slurry	BJCem S100.3.XC	FOAM PREVENTER, FP-13L	0.0300	GALS/SK
Tail Slurry	BJCem S100.3.XC	CEMENT, ASTM TYPE III	100.0000	PCT

## TREATMENT SUMMARY

Fluid	Rate (bpm)	Fluid Vol. (bbls)
Water (Pre-flush)	5.00	20.00
BJCem S100.3.XC	5.00	189.80
Water	0.00	123.00

## DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BJ Services	Amount of Cement Returned/Reversed	49.00
Calculated Displacement Volume (bbls)	123.50	Method Used to Verify Returns	Visual
Actual Displacement Volume (bbls)	123.00	Amount of Spacer to Surface	20.00
Did Float Hold?	Yes	Amount Bled Back After Job	0.50
Bump Plug	Yes	Total Volume Pumped (bbls)	332.00
Bump Plug Pressure (psi)	1180.00	Top Out Cement Spotted	No
Were Returns Planned at Surface	Yes	Lost Circulation During Cement Job	No
Cement returns During Job	Full		

# EVENT LOG



**Customer Name:** BONANZA CREEK ENERGY

**Well Name:** NORTH PLATTE F-J-28HNC

**Job Type:** Surface

**Quote ID:** QUO-18512-Z2J2G4

**Plan ID:** ORD-10781-D9H2L2

**District:** Cheyenne, WY

**Execution ID:** EXC-10781-D9H2L202

**BJ Supervisor:** Hector Montoya

Seq.	Start Dt./Time	Event	Density (ppg)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	09/06/2018 14:00	Callout					BJ Crew gets called out
2	09/06/2018 16:30	Safety Meeting					BJ Crew talks about the hazards of driving to location
3	09/06/2018 16:35	Arrive on Location					BJ Crew safely arrives on location
4	09/06/2018 17:00	Safety Meeting					BJ Crew talks about the hazards of spotting equipment and rigging up
5	09/06/2018 17:06	Rig Up					Rig Up
6	09/06/2018 18:10	Safety Meeting					BJ Crew and Rig Crew talk about the hazards of pumping the job
7	09/06/2018 18:20	Prime Up					Pump 3bbl fresh water
8	09/06/2018 18:23	Pressure Test					3000psi Pressure test
9	09/06/2018 18:26	Pump Spacer	8.3300	4.00	20.00	145.00	Pump 20bbl Red Dye Spacer
10	09/06/2018 18:35	Pump Tail Cement	14.5000	4.50	189.00	225.00	Pump 189bbl at 14.ppg, 766sk of BJ Cem S100.3.XC , 1.3901yield, 6.78gal/sk
11	09/06/2018 19:19	Other (See comment)					Shutdown, wash up
12	09/06/2018 19:21	Drop Top Plug					Customer witness plug leave manifold
13	09/06/2018 19:26	Pump Displacement	8.3300	6.00	113.00	570.00	Pump 123.0bbl Fresh Water Displacement
14	09/06/2018 19:49	Pump Displacement	8.3300	3.00	10.00	1,180.00	Slow rate last 10bbl to 3bpm
15	09/06/2018 19:52	Land Plug					Bump Plug at 610psi, took to 1220psi
16	09/06/2018 19:55	Check Floats					Floats held got .5bbl back to the truck
17	09/06/2018 19:56	Other (See comment)					Casing Test 500psi for 15min
18	09/06/2018 20:14	Safety Meeting					BJ Crew talks about the hazards of rigging down
19	09/06/2018 20:20	Rig Down					Rig Down
20	09/06/2018 21:16	Leave Location					BJ Crew departs location
21	09/06/2018 21:17	Other (See comment)					Got 49bbl back of cement back to surface



JobMaster Program Version 4.02C1  
Job Number: 9124  
Customer: Bonanza Creek  
Well Name: North Platte F-J-28HNC

