



# Bonanza Creek Energy

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## Surface Post Job Report

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**North Platte A11-E14-28HNB**

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

Quote #:

| Execution #:





# 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>	9/3/2018	<b>Well</b>	NORTH PLATTE A11-E14-28HNB
<b>End Date</b>	9/4/2018	<b>API#</b>	05-123-47013
<b>Client</b>	BONANZA CREEK ENERGY	<b>County</b>	WELD
<b>Client Field Rep.</b>	Bonanza Creek	<b>State/Province</b>	CO
<b>Service Sup.</b>	Hector Montoya	<b>Execution ID</b>	EXC-10731-C7B1J802
<b>District</b>	Cheyenne, WY	<b>Project ID</b>	PRJ1010475
<b>Type of Job</b>	Surface		

## WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	TVD (ft)	Excess(%)
Open Hole	13.50	0.00	0.00	1,619.00	1,619.00	30.00
Casing	8.92	9.63	36.00	1,609.00	1,619.00	

**Shoe Length (ft):** 10.00

## HARDWARE

<b>Top Plug Used?</b>	Yes	<b>Landing Collar Depth (ft)</b>	1,609
<b>Top Plug Provided By</b>	Non BJ	<b>Max Casing Pressure - Rated (psi)</b>	2,050.00
<b>Top Plug Size</b>	9.630	<b>Max Casing Pressure - Operated (psi)</b>	2,050.00
<b>Centralizers Used</b>	Yes	<b>Job Pumped Through</b>	Manifold
<b>Centralizers Quantity</b>	16.00	<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>	6
<b>Circulation Prior to Job</b>	Yes	<b>YP Mud In</b>	1
<b>Circulation Time (min)</b>	50.00	<b>YP Mud Out</b>	1
<b>Circulation Rate (bpm)</b>	6.00	<b>Solids Present at End of Circulation</b>	No
<b>Circulation Volume (bbls)</b>	300.00	<b>10 sec SGS</b>	2.00
<b>Lost Circulation Prior to Cement Job</b>	No	<b>10 min SGS</b>	2.00
<b>Mud Density In (ppg)</b>	8.20	<b>Flare Prior to/during the Cement Job</b>	No
<b>Mud Density Out (ppg)</b>	8.20	<b>Gas Present</b>	No
<b>PV Mud In</b>	6		

## TEMPERATURE

<b>Ambient Temperature (°F)</b>	70.00	<b>Slurry Cement Temperature (°F)</b>	70.00
<b>Mix Water Temperature (°F)</b>	67.00	<b>Flow Line Temperature (°F)</b>	70.00

# 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	1650	766	1,066.0000	189.8000
Displacement Final	Water	8.3300					0.0000	124.3000

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

## 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	124.30

## DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BJ Services	Amount of Cement Returned/Reversed	37.00
Calculated Displacement Volume (bbls)	124.00	Method Used to Verify Returns	Visual
Actual Displacement Volume (bbls)	124.00	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)	333.00
Bump Plug Pressure (psi)	1,100.00	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 A11-E14-28HNB

**Job Type:** Surface

**Quote ID:** QUO-18508-Y9D1Y6

**Plan ID:** ORD-10731-C7B1J8

**District:** Cheyenne, WY

**Execution ID:** EXC-10731-C7B1J802

**BJ Supervisor:** Hector Montoya

Seq.	Start Dt./Time	Event	Density (ppg)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	09/04/2018 17:05	Callout					BJ Crew gets called out
2	09/04/2018 18:05	Safety Meeting					BJ Crew talks about the hazards of driving to location
3	09/04/2018 18:21	Arrive on Location					BJ Crew arrives safely on location
4	09/04/2018 20:21	Other (See comment)					BJ Crew waits on rig to run casing
5	09/05/2018 03:00	Safety Meeting					BJ Crew talks about the hazards of spotting equipment and rigging up
6	09/05/2018 03:10	Rig Up					Rig Up
7	09/05/2018 04:00	Safety Meeting					BJ Crew and Rig Crew talk about the hazards of pumping the job
8	09/05/2018 04:15	Prime Up					Fill lines 3bbl
9	09/05/2018 04:22	Pressure Test					Pressure Test to 3000psi
10	09/05/2018 04:25	Pump Spacer	8.3300	4.00	20.00	40.00	Pump 20bbl Dye Spacer
11	09/05/2018 04:32	Pump Tail Cement	14.5000	4.00	189.00	196.00	Pump 189bbl at 14.5ppg, 766sks BJ Cem S100-22, yield 1.39, 6.81gps, 124bbl mix water
12	09/05/2018 05:24	Other (See comment)					Shutdown wash up
13	09/05/2018 05:32	Drop Top Plug					Customer witnesses plug leave
14	09/05/2018 05:33	Pump Displacement	8.3300	4.50	114.00	500.00	Pump 124bbl displacement
15	09/05/2018 05:58	Pump Displacement	8.3300	3.00	10.00	1,100.00	Slow rate last 10bbl to 3bpm

# EVENT LOG



16	09/05/2018 06:00	Land Plug					Bump plug 550psi took to 1100psi
17	09/05/2018 06:01	Check Floats					Floats held, .5bbl back to the truck
18	09/05/2018 06:03	Other (See comment)					15min 500psi casing test, Casing test Held
19	09/05/2018 06:20	Safety Meeting					BJ Crew talks about the hazards of rigging down
20	09/05/2018 06:25	Rig Down					Rig Down
21	09/05/2018 07:00	Leave Location					BJ Crew departs location
22	09/05/2018 07:10	Other (See comment)					Got 37bbl back to surface, floats held, .5bbl back to the truck, could only displace at 4.5bpm due to Slash Cord and Bot caught coming out of the day tank and plugged the lineup.



JobMaster Program Version 4.02C1  
Job Number: 9077  
Customer: Bonanza Creek  
Well Name: North Platte A11-E14-28HNB

