



Bonanza Creek Energy

Surface Post-Job Report

North Platte 11-14-28HNC

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

Quote #:

| Execution #:



Bonanza Creek Energy, Inc.

Attn: Adam Conry | (720) 225-6663 | aconry@bonanzacrk.com

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

Dear Mr. 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,
Karl Griesser
Field Engineer I | (713) 829-7498 | karl.griesser@bjsservices.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

Cementing Treatment



Start Date	9/4/2018	Execution ID	EXC-10747-H4N9B002
End Date	9/5/2018	Project ID	PRJ1010487
Client	BONANZA CREEK ENERGY	Well	NORTH PLATTE 11-14-28HNC
Client Field Rep.	Bonanza Creek	API#	05-123-47010
Service Sup.	Hector Montoya	County	WELD
District	Cheyenne, WY	State/Province	CO
Type of Job	Surface		

WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	TVD (ft)	Excess(%)
Open Hole	13.50	0.00	0.00	1,640.00	1,640.00	30.00
Casing	8.92	9.63	36.00	1,630.00	1,640.00	

Shoe Length (ft): 43.00

HARDWARE

Bottom Plug Used?	No	Centralizers Quantity	16.00
Top Plug Used?	Yes	Centralizers Type	Bow
Top Plug Provided By	Non BJ	Landing Collar Depth (ft)	1,587
Top Plug Size	9.625	Max Casing Pressure - Rated (psi)	2,050.00
Centralizers Used	Yes	Max Casing Pressure - Operated (psi)	2,050.00

CIRCULATION PRIOR TO JOB

Well Circulated By	Rig	PV Mud Out	0
Circulation Prior to Job	Yes	YP Mud In	4
Circulation Time (min)	50.00	YP Mud Out	04
Circulation Rate (bpm)	5.00	Solids Present at End of Circulation	No
Circulation Volume (bbls)	250.00	10 sec SGS	2.00
Lost Circulation Prior to Cement Job	No	10 min SGS	2.00
Mud Density In (ppg)	8.60	30 min SGS	0.00
Mud Density Out (ppg)	8.60	Flare Prior to/during the Cement Job	No
PV Mud In	0	Gas Present	No

TEMPERATURE

Ambient Temperature (°F)	75.00	Slurry Cement Temperature (°F)	72.00
Mix Water Temperature (°F)	70.00	Flow Line Temperature (°F)	72.00

Cementing Treatment



BJ FLUID DETAILS

Fluid Type	Fluid Name	Density (ppg)	Yield (Cu Ft/sk)	H2O Req. (gals/sk)	Planned Top of Fluid (Ft)	Length (Ft)	Vol (sk)	Vol (Cu Ft)	Vol (bbls)
Spacer / Pre-Flush / Flush	Water (Pre-flush)	8.3308			0.00				20.00
Tail Slurry	BJCem S100.3.XC	14.5000	1.3901	6.78	0.00	1650	766	1,066.0000	189.00
Displacement Final	Water	8.3300			0.00			0.0000	124.00

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)	Pipe Pressure (psi)
Water (Pre-flush)	5.00	20.00	120
BJCem S100.3.XC	5.00	189.00	190
Water	0.00	124.00	500

DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BJ	Amount of Cement Returned/Reversed	40.00
Calculated Displacement Volume (bbls)	122.70	Method Used to Verify Returns	Visual
Actual Displacement Volume (bbls)	124.00	Amount of Spacer to Surface	20.00
Did Float Hold?	Yes	Pressure Left on Casing (psi)	0.00
Bump Plug	Yes	Amount Bled Back After Job	0.50
Bump Plug Pressure (psi)	1,150.00	Total Volume Pumped (bbls)	333
Were Returns Planned at Surface	Yes	Top Out Cement Spotted	No
Cement returns During Job	Full	Lost Circulation During Cement Job	No

EVENT LOG



Customer Name: BONANZA CREEK ENERGY

Well Name: NORTH PLATTE 11-14-28HNC

Job Type: Surface

Quote ID: QUO-18510-C7P3B2

Plan ID: ORD-10747-H4N9B0

District: Cheyenne, WY

Execution ID: EXC-10747-H4N9B002

BJ Supervisor: Hector Montoya

Seq.	Start Dt./Time	Event	Density (ppg)	Pump Rate (bpm)	Pump Vol(bbls)	Pipe Pressure(psi)	Comments
1	09/05/2018 17:05	Callout					BJ Crew gets called out
2	09/05/2018 21:05	Safety Meeting					BJ Crew talks about the hazards of going to location
3	09/05/2018 21:15	Arrive on Location					BJ Crew safely arrives on location
4	09/05/2018 21:45	Other (See comment)					
5	09/06/2018 00:05	Safety Meeting					BJ Crew talks about the hazards of spotting equipment and rigging up
6	09/06/2018 00:10	Rig Up					Rig Up
7	09/06/2018 01:05	Safety Meeting					BJ Crew and Rig Crew talk about the hazards of pumping the job
8	09/06/2018 01:10	Prime Up	8.3300	2.00	3.00	45.00	Fill lines 3bbl
9	09/06/2018 01:12	Pressure Test					Pressure Test to 3000psi
10	09/06/2018 01:13	Pump Spacer	8.3300	4.00	20.00	120.00	Pump Fresh water Spacer
11	09/06/2018 01:20	Pump Tail Cement	14.5000	5.00	189.00	190.00	Pump 189bbl at 14.5ppg, 766sk of BJ Cem S100.3.XC, 1.3901yield, 6.81gal/sk
12	09/06/2018 02:00	Other (See comment)					Shutdown wash pumps in line on top of the plug
13	09/06/2018 02:04	Drop Top Plug					Customer Witnesses plug leave manifold
14	09/06/2018 02:06	Pump Displacement	8.3300	6.00	114.00	500.00	Pump 124bbl displacement
15	09/06/2018 02:27	Pump Displacement	8.3300	3.00	10.00	1,100.00	Slow rate Isat 10bbl to 3bpm
16	09/06/2018 02:31	Land Plug					Bump plug at 500psi took to 1150 psi
17	09/06/2018 02:34	Check Floats					Floats held, got .5 bbl back to the truck

EVENT LOG



18	09/06/2018 02:35	Other (See comment)					500psi casing test for 15min
19	09/06/2018 02:51	Safety Meeting					BJ Crew talks about the hazzards of rigging down
20	09/06/2018 02:55	Rig Down					Rig Down
21	09/06/2018 03:00	Leave Location					BJ Crew departs location
22	09/06/2018 03:05	Other (See comment)					Got 40bbl of cement to surface



JobMaster Program Version 4.02C1
Job Number: 9088
Customer: Bonanza Creek
Well Name: North Platte 11-14-28HNC

