



Bonanza Creek Energy

Surface Post-Job Report

North Platte P31-T34-28HNB

S:28 T:5N R:63W Weld, CO

Quote #:

17822

| Execution #:

10339



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@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

Cementing Treatment



Start Date	8/25/2018	Execution ID	EXC-10339-Z6X9B002
End Date	8/26/2018	Project ID	PRJ1010096
Client	BONANZA CREEK ENERGY	Well	NORTH PLATTE P31-T34-28HNB
Client Field Rep.	Sam	API#	05-123-46921
Service Sup.	Brian Boyd	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	1,649.00	1,649.00	30.00
Casing	8.92	9.63	36.00	1,639.00	1,639.00	

Shoe Length (ft): 42.00

HARDWARE

Bottom Plug Used?	No	Tool Type	Float Collar
Top Plug Used?	Yes	Tool Depth (ft)	1,597.00
Top Plug Provided By	Non BJ	Max Casing Pressure - Rated (psi)	3,520.00
Top Plug Size	9.625	Max Casing Pressure - Operated (psi)	2,016.00
Centralizers Used	Yes	Pipe Movement	None
Centralizers Quantity	13.00	Job Pumped Through	Manifold
Centralizers Type	Bow	Top Connection Thread	LTC
Landing Collar Depth (ft)	1,597	Top Connection Size	9.625

CIRCULATION PRIOR TO JOB

Well Circulated By	Rig	PV Mud In	5
Circulation Prior to Job	Yes	YP Mud In	5
Circulation Time (min)	45.00	Solids Present at End of Circulation	No
Circulation Rate (bpm)	5.00	10 sec SGS	2.00
Circulation Volume (bbls)	120.00	10 min SGS	3.00
Lost Circulation Prior to Cement Job	No	Flare Prior to/during the Cement Job	No
Mud Density In (ppg)	9.70	Gas Present	No

TEMPERATURE

Ambient Temperature (°F)	70.00	Slurry Cement Temperature (°F)	77.00
Mix Water Temperature (°F)	74.00	Flow Line Temperature (°F)	115.00

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				20.0000
Tail Slurry	BJCem S100.3.XC	14.5000	1.3901	6.78	0.00	1550	720	1,002.0000	178.4000
Displacement Final	Water	8.3300			0.00			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)	Pipe Pressure (psi)
Water (Pre-flush)	5.00	20.00	65
BJCem S100.3.XC	5.00	178.40	220
Water	0.00	123.00	605

DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BJ	Amount of Cement Returned/Reversed	32.00
Calculated Displacement Volume (bbls)	123.00	Method Used to Verify Returns	Visual
Actual Displacement Volume (bbls)	123.00	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)	1286	Total Volume Pumped (bbls)	321.00
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 P31-T34-28HNB

Job Type: Surface

Quote ID: QUO-17822-J0V6J3

Plan ID: ORD-10339-Z6X9B0

Execution ID: EXC-10339-Z6X9B002

District: Cheyenne, WY

BJ Supervisor: Brian Boyd

Seq.	Start Dt./Time	Event	Density (ppg)	Pump Rate (bpm)	Pump Vol(bbls)	Pipe Pressure(psi)	Comments
1	08/25/2018 19:47	Callout					Customer requested crew to be on location at 1:00 8/26/18
2	08/25/2018 19:48	Arrive on Location					Crew has journey management and depart from shop and arrive on location
3	08/26/2018 00:30	Safety Meeting					BJ crew has steacs over rigging up iron and hoses
4	08/26/2018 00:40	Rig Up					Crew rigs up iron and hoses
5	08/26/2018 02:00	Safety Meeting					Steacs briefing with BJ crew, rig crew and company man over job and hazards
6	08/26/2018 02:11	Start Pumping	8.3300	2.00	3.00	34.00	Fill pumps and lines
7	08/26/2018 02:14	Pressure Test	8.3300	0.50	0.50	4,300.00	Pressure test iron and head to 3000 PSI
8	08/26/2018 02:16	Pump Spacer	8.3300	3.00	20.00	65.00	Pump 20 bbls of fresh water with red dye
9	08/26/2018 02:35	Pumping Cement	14.5000	5.00	178.00	220.00	Pump 178 bbls of 14.5 PPG cement (720 Sks, 1.39 Yield, 6.78 Gals/Sks)
10	08/26/2018 03:22	End Pumping					Shut down pumping
11	08/26/2018 03:26	Drop Top Plug					Drop top plug with customer
12	08/26/2018 03:26	Pump Displacement	8.3300	6.00	123.00	300.00	Pump 123 bbls of fresh water displacement
13	08/26/2018 03:39	Cement Back to Surface	8.3300	6.00	100.00	550.00	100 bbls into displacement got cement to surface for total of 32 bbls back
14	08/26/2018 03:44	Other (See comment)	8.3300	2.50	113.00		Last 10 bbls slow rate to 2.5 bpm
15	08/26/2018 03:49	Land Plug					Bump plug to 1286 PSI FCP of 605 PSI
16	08/26/2018 03:52	Check Floats					Check floats got .5 bbl back

EVENT LOG



17	08/26/2018 03:54	Pressure Test	8.3300	0.50	0.50	605.00	Preform 15 min casing test pressured up to 500 PSI
18	08/26/2018 04:09	Safety Meeting					BJ crew has steacs over rigging down iron and hoses
19	08/26/2018 04:15	Rig Down					BJ crew rigs down iron and hoses
20	08/26/2018 04:30	Leave Location					BJ crew has journey management and departs from location



JobMaster Program Version 4.02C1
Job Number:
Customer: Bonanza Creek
Well Name:

