



Bonanza Creek Energy

Surface Post Job Report

State North Platte U41-35-1XRLNB

S:26 T:5N R:63W Weld CO

Quote #:

Execution #:





Bonanza Creek Energy

Attention: Mr. Joel Dill | (720) 633-5871 | JDill@bonanzacrk.com

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

Dear Mr. Joel Dill,

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,
Jacob Ojeda
Field Engineer I | (763) 516-3012 | jacob.ojeda@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	3/25/2018	Well	U41-35-1XRLNB STATE NORTH PLATTE
End Date	3/25/2018	County	WELD
Client	BONANZA CREEK ENERGY	State/Province	CO
Service Supervisor	Wesley Bell	API	05-123-46431
District	Cheyenne, WY	Type of Job	Surface

WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	TVD (ft)	Excess(%)
Open Hole	13.50			1,512.00	1,512.00	30.00
Casing	8.92	9.63	36.00	1,502.00	1,502.00	

Shoe Length (ft): 45

HARDWARE

Bottom Plug Used?	No	Max Casing Pressure - Rated (psi)	3520
Top Plug Used?	Yes	Max Casing Pressure - Operated (psi)	1200
Top Plug Provided By	Customer	Pipe Movement	No
Top Plug Size	9 5/8	Job Pumped Through	Casing
Centralizers Used	Yes	Top Connection Thread	LTC
Landing Collar Depth (ft)	1,457	Top Connection Size	9 5/8"

CIRCULATION PRIOR TO JOB

Well Circulated By	Customer	YP Mud In	4
Circulation Prior to Job	Yes	YP Mud Out	4
Circulation Time (min)	60	Solids Present at End of Circulation	No
Lost Circulation Prior to Cement Job	No	10 sec SGS	4
Mud Density In (ppg)	8.7	10 min SGS	5
Mud Density Out (ppg)	8.7	30 min SGS	6
PV Mud In	3	Flare Prior to/during the Cement Job	No
PV Mud Out	3	Gas Present	No

TEMPERATURE

Ambient Temperature (°F)	45	Slurry Cement Temperature (°F)	55
Mix Water Temperature (°F)	51		

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	1,500.00	698	971.0000	172.8000
Displacement Final	Water	8.3300					0.0000	112.7000

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)	Pipe Pressure (psi)
Water (Pre-flush)	5.00	20.00	50
BJCem S100.3.XC	5.00	172.80	300
Water	0.00	112.70	550

DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BJ Services	Amount of Cement Returned/Reversed	17
Calculated Displacement Volume (bbls)	112.7	Method Used to Verify Returns	Visual
Actual Displacement Volume (bbls)	112	Amount Bled Back After Job	0.5
Did Float Hold?	Yes	Total Volume Pumped (bbls)	305.5
Bump Plug	Yes	Top Out Cement Spotted	No
Bump Plug Pressure (psi)	1200	Lost Circulation During Cement Job	No
Were Returns Planned at Surface	Yes	Cement returns During Job	Yes

Customer Name Bonanza Creek
 Well Name State North Platte U41-35-1XRLNB
 Job Type Surface

District Cheyenne
 Supervisor Wesley Bell
 Engineer Karl Griesser

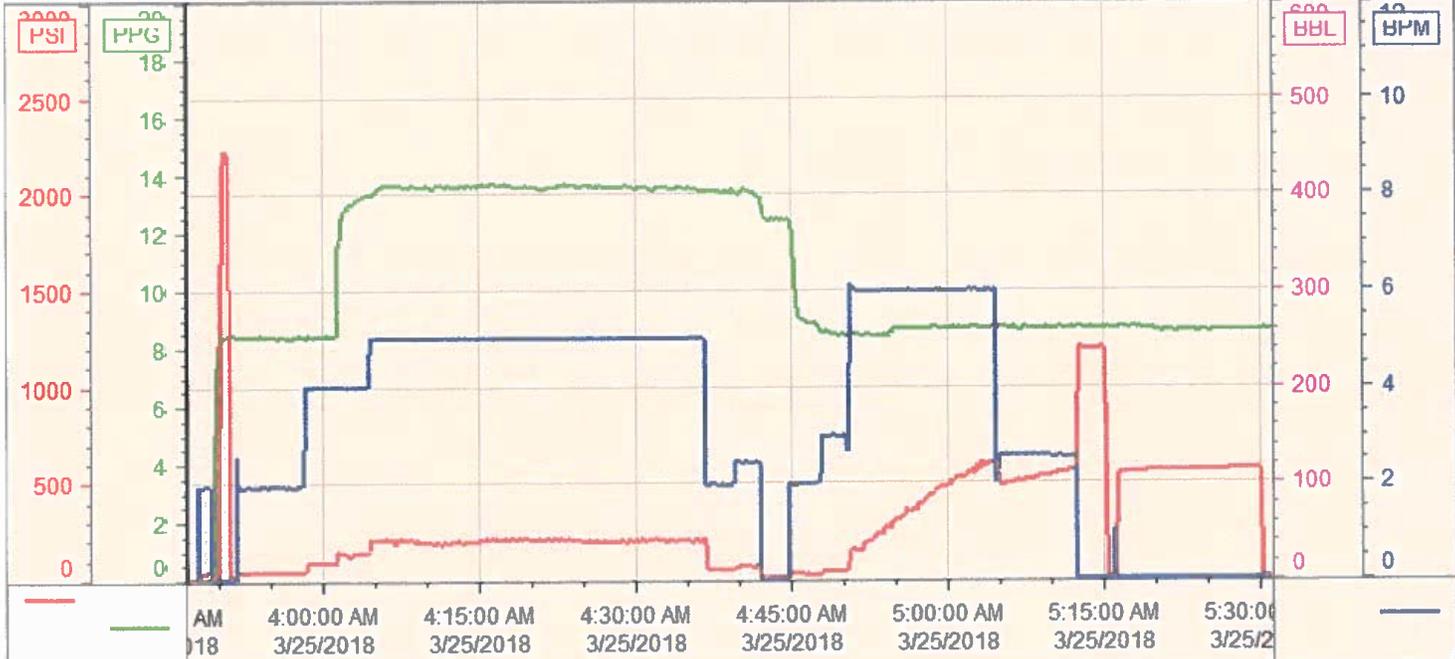


Seq No.	Start Date/Time	Category	Event	Event ID	Density (lb/gal)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	3/24/2018 19:45	Mobilization	Callout	1					Crew called out requested on locaton at 01:00 on 3/25/2018
2	3/25/2018 0:05	Mobilization	Arrive on Location	48					Crew arrived on location at 00:05, requested time was 01:00
3	3/25/2018 0:10	StandBy	Customer	85					Wait for rig to finish running casing/rig down casing crew
4	3/25/2018 2:30	Operational	Spot Units	49					Spotted all equipment
5	3/25/2018 2:45	Operational	Rig Up	50					Rigged up all equipment
6	3/25/2018 3:10	Operational	Safety Meeting						Safety meeting
7	3/25/2015 3:48	Operational	Start Pumping	55	8.34	2	2	50	Fill lines with 2bbls fresh water
8	3/25/2018 3:51	Operational	Pressure Test	54	8.34			2300	Pressure test lines to 2300psi, no leaks, good test
9	3/25/2018 3:53	Operational	Start Pumping	55	8.34	3	20	100	Pump 20bbls fresh water ahead with red dye
10	3/25/2018 4:01	Operational	Pump Lead Cement	58	14.5	5	172.8	300	Pump 172.8bbls of cement at 14.5ppg, 698sk, Y: 1.39, WR: 6.78, Downhole densometer read 1lb light, weight was confirmed correct at 14.5 with pressurized scale
11	3/25/2018 4:42	Operational	Drop Top Plug	63	8.34	0	0	0	finish mixing cement, shut down, drop top rubber plug 9 5/8" and begin displacing with water
12	3/25/2018 4:58	Operational	Pump Displacement	64	8.34	6	50	450	50bbls of displacement away
13	3/25/2018 5:05	Operational	Pump Displacement	64	8.34	2.5	45	550	95bbls of displacement away, cement to surface
14	3/25/2018 5:13	Operational	Land Plug	67	8.34	2.5	17	650	Land top rubber plug, bump pressure up to 1200psi
15	3/25/2018 5:15	Operational	Check Floats	68	8.34	0	0	0	Floats held, .5bbls back
16	3/25/2018 5:16	Operational	Pressure Test	54	8.34			500	500psi casing test for 15min, pressue did not drop.
17	3/25/2018 5:31	Operational	Rig Down	73					Rig out all BJ equipment, clean pumps and lines to rig cellar.
18	3/25/2018 6:30	Mobilization	Leave Location	74					All BJ equipment and crew leave location

Customer: Bonanza Creek
 Well Number: U41-35-1XRLNB
 Lease Info: State North Platte



Print Date/Time
 3/25/2018 5:45:48 AM



	Name	Y value	X value/time stamp	Tag name Y
1	DS - Press (PSI)	5.2	3/25/2018 3:47:02 AM	CementerDS_DISCHARGE_PRESS_DIAL
2	DH - Density (PPG)	0.01 i.	3/25/2018 3:47:00 AM i.	CementerDENSITY2_ACTUAL_RATE
3	Combined Rate	0.00 i.	3/25/2018 3:47:00 AM i.	CementerFlow_Combined
4				
5				

Source: Control1 5:45:43 AM