



Bonanza Creek Energy

Surface Post Job Report

North Platte K21-35-2MRLNC
S:26 T:5N R:63W Weld CO

Quote #:

07943

| Execution #:

05048



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 3/30/2018 **Well** North Platte K21-35-2MRLNC
End Date 3/30/2018 **State/Province** CO
Client BONANZA CREEK ENERGY **API** 05-123-46388
Service Supervisor YANNICK VALENZUELA **Rig** XTREME 19
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			1,513.00	1,513.00	30.00
Casing	8.92	9.63	36.00	1,502.89	1,502.89	

Shoe Length (ft): 45

HARDWARE

Bottom Plug Used? No **Max Casing Pressure -** 3520
Top Plug Used? YES **Pipe Movement** NO
Top Plug Provided By RIG **Job Pumped Through** BJ
CEMENT HEAD
Top Plug Size 9 5/8 **Top Connection Thread** LTC
Centralizers Used YES **Top Connection Size** 9 5/8
Landing Collar Depth (ft) 1,457.54

Cementing Treatment



CIRCULATION PRIOR TO JOB

Well Circulated By	RIG	Solids Present at End of Circulation	No
Circulation Prior to Job	YES	Flare Prior to/during the Cement Job	No
Circulation Time (min)	60	Gas Present	No
Circulation Rate (bpm)	4		
Circulation Volume (bbls)	240		
Lost Circulation Prior to Cement Job	No		
Mud Density In (ppg)	9		
Mud Density Out (ppg)	9		

TEMPERATURE

Ambient Temperature (°F)	35	Slurry Cement Temperature (°F)	55
Mix Water Temperature (°F)	50		

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	1,500.00	698	971.0000	172.8000
Displacement Final	Water	8.3300			0.00			0.0000	112.7000

Cementing Treatment



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

DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BJS	Amount of Cement Returned/Reversed	25
Calculated Displacement Volume (bbls)	112.7	Method Used to Verify Returns	VISUAL
Actual Displacement Volume (bbls)	112.7	Amount of Spacer to Surface	20
Did Float Hold?	Yes	Pressure Left on Casing (psi)	0
Bump Plug	YES	Amount Bled Back After Job	.5
Bump Plug Pressure (psi)	1147	Total Volume Pumped (bbls)	305
Were Returns Planned at Surface	YES	Top Out Cement Spotted	No
Cement returns During Job	YES	Lost Circulation During Cement Job	No

BONANZA CREEK
 Well Name NORTH PLATTE K21-35-2MRLNC
 Job Type Surface

District Cheyenne
 Supervisor YANNICK VALENZUELA
 Engineer _____



Seq No.	Start Date/Time	Category	Event	Equipment	Event ID	Density (lb/gal)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	3/29/2018 1900	Mobilization	Callout		1					CUSTOMER CALL FOR LOC TIME @ 1230 3/30/18
2	3/29/2018 2030	Mobilization	Leave yard							JOURNEY MANAGEMENT WITH CREW LEAVING YARD
3	3/29/2018 2300	Mobilization	Arrive on Location		48					CREW ARRIVES ON LOCATION
4	3/30/2018 2400	Operational	Safety Meeting		53					STEACS BRIEFING BEFORE SPOTTING EQUIPMENT AND RIGGING UP
5	3/30/2018 0:00	Operational	Spot Units		49					SPOT EQUIPMENT ON LOCATION
6	3/30/2018 100	Operational	Rig Up		50					RIG UP ALL EQUIPMENT
7	3/30/2018 240	Operational	Safety Meeting		53					SAFETY MEETING WITH CREW AND RIG CREW
8	3/30/2018 245	Operational	Start Pumping		55	8.34	3	5	130	FILL LINES H2O WITH DYE
9	3/30/2018 250	Operational	Pressure Test		54	8.34			2640	PSI TEST
10	3/30/2018 252	Operational	Start Pumping		55	8.34	4.5	15	120	H2O SPACER WITH DYE
11	3/30/2018 300	Operational	Pump Lead Cement		58	14.5	5.5	173	389	PUMP CEMENT @14.5PPG
12	3/30/2018 330	Operational	Other (See comments)		76					SHUT DOWN
13	3/30/2018 333	Operational	Drop Top Plug		63	8.34				DROP TOP PLUG
14	3/30/2018 343	Operational	Pump Displacement		64	8.34	5.5	100	345	PUMP DISPLACEMENT H2O
15	3/30/2018 357	Operational	Pump Displacement		64	8.34	3	12.7	500	SLOW RATE/BUMP 500 PSI OVER
16	3/30/2018 400	Operational	Land Plug		67	8.34		112.7	1147	BUMP PLUG
17	3/30/2018 405	Operational	Check Floats		68					CHECK FLOATS/FLOATS HELD .5BBL BACK
18	3/30/2018 406	Operational	Pressure Test		54	8.34			560	CASING TEST/HOLD FOR 15MINS
19	3/30/2018 421	Operational	End Pumping		69					BLEED OFF
20	3/30/2018 425	Operational	Safety Meeting		53					STEACS BRIEFING BEFORE RIGGING DOWN AND LEAVING LOCATION
21	3/30/2018 430	Operational	Rig Down		73					RIG DOWN
22	3/30/2018 500	Mobilization	Leave Location		74					LEAVE LOCATION



JobMaster Program Version 4.02C1
Job Number: 4279
Customer: BONANZA CREEK
Well Name: NORTH PLATTE K21-35-2MRLNC

