



HighPoint Operating Corporation

Intermediate Post Job Report

RSU Anschutz Fed 4-62-11-0108C

S:3 T:4N R:62W Weld CO

Quote #:

I Execution #:



HighPoint Operating Corporation

Attention: Mr. Matthew Schwartz | (303) 312-8142 | mschwartz@hpres.com

Highpoint Operation Corporation | 1099 18th St. | Denver, CO. 80202

Dear Mr. Matthew Schwartz,

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

Cementing Treatment



Start Date	9/2/2018	Field Ticket#	FT-10661-V1F1X00202-20114
End Date	9/3/2018	Well	RSU ANSCHUTZ FED 4-62-11-0108C
Client	HighPoint Operating Corporation	API#	05-123-46841
Service Sup.	Hector Montoya	County	WELD
District	Cheyenne, WY	State/Province	CO
Type of Job	Intermediate	Project ID	PRJ1010420
Execution ID	EXC-10661-V1F1X002		

WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	TVD (ft)	Excess(%)	Grade
Previous Casing	8.92	9.63	36.00	834.00	834.00		
Open Hole	8.75	0.00	0.00	6,556.00	6,138.00	25.00	
Casing	6.37	7.00	23.00	6,536.00	6,138.00		J-55

Shoe Length (ft): 20.00

HARDWARE

Top Plug Used?	Yes	Landing Collar Depth (ft)	6,516
Top Plug Provided By	Non BJ	Max Casing Pressure - Rated (psi)	7,500.00
Top Plug Size	7.000	Max Casing Pressure - Operated (psi)	7,500.00
Centralizers Used	Yes	Job Pumped Through	Manifold
Centralizers Quantity	12.00	Top Connection Size	7
Centralizers Type	Bow		

CIRCULATION PRIOR TO JOB

Well Circulated By	Rig	PV Mud Out	6
Circulation Prior to Job	Yes	YP Mud In	1
Circulation Time (min)	50.00	YP Mud Out	1
Circulation Rate (bpm)	7.00	Solids Present at End of Circulation	No
Circulation Volume (bbls)	350.00	10 sec SGS	2.00
Lost Circulation Prior to Cement Job	No	10 min SGS	3.00
Mud Density In (ppg)	9.30	Flare Prior to/during the Cement Job	No
Mud Density Out (ppg)	9.30	Gas Present	No
PV Mud In	6		

TEMPERATURE

Ambient Temperature (°F)	75.00	Slurry Cement Temperature (°F)	70.00
Mix Water Temperature (°F)	65.00	Flow Line Temperature (°F)	80.00

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	IntegraGuard EZ Spacer	11.0000			0.00				20.0000
Lead Slurry	BJCem I100.3.01C	12.5000	2.0735	11.83	600.00	4400	410	822.0000	146.4000
Tail Slurry	BJCem I100.6.01C	15.8000	1.1550	4.98	5,000.00	1540	260	299.0000	53.2000
Displacement Final	Water	8.3300			0.00			0.0000	257.0000

Fluid Type	Fluid Name	Component	Concentration	UOM
Spacer / Pre Flush / Flush	IntegraGuard EZ Spacer	SPACER SURFACTANT, SS-247	0.5000	GPB
Spacer / Pre Flush / Flush	IntegraGuard EZ Spacer	SAND, S-8, Silica Flour, 200 Mesh	180.4300	PPB
Spacer / Pre Flush / Flush	IntegraGuard EZ Spacer	GELLANT WATER, GW-86	0.8000	PPB
Spacer / Pre Flush / Flush	IntegraGuard EZ Spacer	RETARDER, SR-20	1.0200	PPB
Lead Slurry	BJCem I100.3.01C	BONDING AGENT, BA-60	0.3000	BWOB
Lead Slurry	BJCem I100.3.01C	FLUID LOSS, FL-24	0.3000	BWOB
Lead Slurry	BJCem I100.3.01C	RETARDER, SR-20	0.4000	BWOB
Lead Slurry	BJCem I100.3.01C	CEMENT, ASTM TYPE III	100.0000	PCT
Lead Slurry	BJCem I100.3.01C	FOAM PREVENTER, FP-25	0.3000	BWOB
Tail Slurry	BJCem I100.6.01C	FLUID LOSS, FL-24	0.2000	BWOB
Tail Slurry	BJCem I100.6.01C	CEMENT, CLASS G	100.0000	PCT
Tail Slurry	BJCem I100.6.01C	FOAM PREVENTER, FP-25	0.3000	BWOB
Tail Slurry	BJCem I100.6.01C	BONDING AGENT, BA-60	0.2000	BWOB
Tail Slurry	BJCem I100.6.01C	DISPERSANT, CD-31	0.2000	BWOB
Tail Slurry	BJCem I100.6.01C	RETARDER, R-6	0.1000	BWOB

TREATMENT SUMMARY

Fluid	Rate (bpm)	Fluid Vol. (bbls)
IntegraGuard EZ Spacer	5.00	20.00
BJCem I100.3.01C	5.00	146.40
BJCem I100.6.01C	5.00	53.20
Water	5.00	257.00

Cementing Treatment



DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BJ Services	Amount of Cement Returned/Reversed	5.00
Calculated Displacement Volume (bbls)	257.00	Method Used to Verify Returns	Visual
Actual Displacement Volume (bbls)	257.00	Amount of Spacer to Surface	20.00
Did Float Hold?	Yes	Amount Bled Back After Job	2.50
Bump Plug	Yes	Total Volume Pumped (bbls)	501.00
Bump Plug Pressure (psi)	2,400.00	Top Out Cement Spotted	No
Were Returns Planned at Surface	Yes	Lost Circulation During Cement Job	No
Cement returns During Job	Partial		

EVENT LOG



Customer Name: HighPoint Operating Corporation

Well Name: RSU ANSCHUTZ FED 4-62-11-0108C

Job Type: Intermediate

Quote ID: QUO-18698-M8W2J3

Plan ID: ORD-10661-V1F1X0

District: Cheyenne, WY

Execution ID: EXC-10661-V1F1X002

BJ Supervisor: Hector Montoya

Seq.	Start Dt./Time	Event	Density (ppg)	Pump Rate (bpm)	Pump Vol (bbls)	Pipe Pressure (psi)	Comments
1	09/02/2018 19:30	Callout					BJ Crew gets called out
2	09/02/2018 21:00	Safety Meeting					BJ Crew talks about the hazards of driving to location
3	09/03/2018 00:00	Arrive on Location					BJ Crew arrives on location
4	09/03/2018 00:30	Safety Meeting					BJ Crew talks about the hazards of spotting equipment and rigging up
5	09/03/2018 00:40	Rig Up					Rig Up
6	09/03/2018 01:50	Safety Meeting					BJ Crew and Rig Crew talk about the hazards of pumping the job
7	09/03/2018 02:10	Prime Up	8.3300	2.00	3.00	60.00	Fill Lines 3bbl
8	09/03/2018 02:13	Pressure Test					Pressure Test to 3000psi
9	09/03/2018 02:16	Pump Spacer	8.3300	3.00	20.00	140.00	Pump 20bbl Water
10	09/03/2018 02:26	Pump Spacer	11.0000	4.00	20.00	150.00	Pump 20bbl Spacer at 11ppg with surfactants
11	09/03/2018 02:35	Pump Lead Cement	12.5000	6.00	151.00	520.00	Pump BJCem I100.3.01C Lead cement 410sks, 151bbl at 12.5ppg, yield 2.0735, 11.83Gal/Sk
12	09/03/2018 03:04	Pump Tail Cement	15.8000	5.00	53.00	250.00	Pump BJCem I100.6.01C Tail cement 260sks, 53bbl at 15.8ppg, yield 1.1550, 4.98Gal/Sk
13	09/03/2018 03:23	Other (See comment)					Shutdown, washtub and clean lines
14	09/03/2018 03:29	Drop Top Plug					Customer Witnesses plug leave manifold
15	09/03/2018 03:31	Pump Displacement	8.3300	7.00	247.00	1,200.00	Pump 257bbl Displacement
16	09/03/2018 04:00	Pump Displacement	0.3300	3.00	10.00	2,400.00	Slow rate last 10bbl to 3bpm

EVENT LOG



17	09/03/2018 04:10	Land Plug					Bump Plug, final circulating pressure was 1700psi took to 2400psi per customer to make sure we landed
18	09/03/2018 04:12	Check Floats					Floats held, 2.5bbl back to the truck
19	09/03/2018 04:16	Other (See comment)					Casing Test 1500psi for 30min.
20	09/03/2018 04:50	Safety Meeting					BJ Crew talks about the hazards of rigging down
21	09/03/2018 04:56	Rig Down					Rig Down
22	09/03/2018 05:46	Safety Meeting					BJ Crew conducts AAR and talks about the hazards of leaving location
23	09/03/2018 06:15	Leave Location					Depart Location
24	09/03/2018 06:17	Other (See comment)					5bbl Cement to Surface, 20bbl Spacer to Surface, 2.5bbl back to the truck when checking floats



JobMaster Program Version 4.02C1
Job Number: 9020
Customer: High Point
Well Name: RSU Anschutz FED 4-62-11-0108C

