



Highpoint Operation Corporation

Intermediate Post Job Report

Anschutz State 5-62-26-6457CN

S:27 T:5N R:62W Weld CO

Quote #:

11028

I Execution #:

06314



Highpoint Operation Corporation

Attention: Mr. Matthew Schwartz | (303) 312-8142 | maschwartz@billbarrettcorp.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,
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	05/02/2018	Well	Anschutz State 5-62-26-6457CN
End Date	05/02/2018	County	WELD
Client	Highpoint Operating Corporation	State/Province	CO
Client Field Rep	Red	API	05-123-46082
Service Supervisor	Anthony Staples	Rig	Cade 24
Field Ticket No.	5129	Type of Job	Intermediate
District	Cheyenne, WY		

WELL GEOMETRY

Type	ID (in)	OD (in)	Wt. (lb/ft)	MD (ft)	TVD (ft)	Excess(%)	Grade
Casing	6.37	7.00	23.00	6,793.00			J-55
Previous Casing	8.92	9.63	36.00	817.00			
Open Hole	8.75			6,827.00		18.00	

Shoe Length (ft): 48

HARDWARE

Top Plug Used?	yes	Max Casing Pressure - Rated (psi)	4000
Top Plug Provided By	Customer	Max Casing Pressure - Operated (psi)	3000
Top Plug Size	7	Pipe Movement	No
Centralizers Used	Yes	Job Pumped Through	Head
Centralizers Quantity	12	Top Connection Thread	8RND
Centralizers Type	Bow	Top Connection Size	7
Landing Collar Depth (ft)	6,748		

CIRCULATION PRIOR TO JOB

Well Circulated By	Rig	PV Mud Out	16
Circulation Prior to Job	Yes	YP Mud In	10
Circulation Time (min)	90	YP Mud Out	10
Circulation Rate (bpm)	6.9	Solids Present at End of Circulation	No
Circulation Volume (bbls)	621	10 sec SGS	5
Lost Circulation Prior to Cement Job	No	10 min SGS	9
Mud Density In (ppg)	10.2	Flare Prior to/during the Cement Job	No
Mud Density Out (ppg)	10.2	Gas Present	No
PV Mud In	16		

Cementing Treatment



TEMPERATURE

Ambient Temperature (°F)	50	Slurry Cement Temperature (°F)	58
Mix Water Temperature (°F)	52	Flow Line Temperature (°F)	120

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	4,400.00	380	779.0000	138.6000
Tail Slurry	BJCem I100.6.01C	15.8000	1.1550	4.98	5,000.00	1,790.00	285	327.0000	58.2000
Displacement Final	Water	8.3300			0.00			0.0000	265.7000

Fluid Type	Fluid Name	Component	Concentration	UOM
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
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	179.6000	PPB
Lead Slurry	BJCem I100.3.01C	RETARDER, SR-20	0.4000	BWOB
Lead Slurry	BJCem I100.3.01C	BONDING AGENT, BA-60	0.3000	BWOB
Lead Slurry	BJCem I100.3.01C	CEMENT, ASTM TYPE III	100.0000	PCT
Lead Slurry	BJCem I100.3.01C	FLUID LOSS, FL-24	0.3000	BWOB
Lead Slurry	BJCem I100.3.01C	Foam Preventer, FP-25	0.3000	BWOB
Tail Slurry	BJCem I100.6.01C	Foam Preventer, FP-25	0.3000	BWOB
Tail Slurry	BJCem I100.6.01C	DISPERSANT, CD-31	0.2000	BWOB
Tail Slurry	BJCem I100.6.01C	CEMENT, CLASS G	100.0000	PCT
Tail Slurry	BJCem I100.6.01C	BONDING AGENT, BA-60	0.2000	BWOB
Tail Slurry	BJCem I100.6.01C	FLUID LOSS, FL-24	0.2000	BWOB
Tail Slurry	BJCem I100.6.01C	RETARDER, R-6	0.1000	BWOB

Cementing Treatment



TREATMENT SUMMARY

Fluid	Rate (bpm)	Fluid Vol. (bbls)
IntegraGuard EZ Spacer	5.00	20.00
BJCem I100.3.01C	5.00	138.60
BJCem I100.6.01C	5.00	58.20
Water	5.00	265.70

DISPLACEMENT AND END OF JOB SUMMARY

Displaced By	BJ	Amount of Cement Returned/Reversed	10
Calculated Displacement Volume (bbls)	265.5	Method Used to Verify Returns	Visual
Actual Displacement Volume (bbls)	265.5	Amount of Spacer to Surface	30
Did Float Hold?	Yes	Amount Bled Back After Job	2
Bump Plug	Yes	Total Volume Pumped (bbls)	500
Bump Plug Pressure (psi)	2506	Top Out Cement Spotted	No
Were Returns Planned at Surface	Yes	Lost Circulation During Cement Job	No
Cement returns During Job	Yes		

Service Line

Cementing

Client

HighPoint Operating Corporation

District

Cheyenne, WY

Quotes:

QUO-11028-C8H8J5

Plans:

ORD-06314-B0D3Y5

Executions:

EXC-06314-B0D3Y502



Well	Job Type	Start Dt./Time	Category	Event	Density (ppg)	Pump Rate (bpm)	Pump Vol(bbls)	Pipe Pressure(psi)	Comments
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 08:00	Mobilization	Callout					
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 10:30	Mobilization	Arrive on Location					Arrived on Location @ 13:03 Had a Requested Time of 13:30, Rig Circulating
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 13:10	Operational	Spot Units					All Equipment Spotted
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 13:13	Operational	Safety Meeting					Held a Rig UP STEACS with Crew and Assigned Tasks
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 13:20	Operational	Rig Up					Job Rigged Up
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 14:22	Operational	Safety Meeting					Held a Pre-Job STEACS with all Personel on Location
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 14:31	Operational	Rig Up					Stabbed Head
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 14:42	Operational	Prime Up	8.3400	2.00	2.00		Primed Up and Loaded Lines
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 14:45	Operational	Pressure Test	8.3400	0.00		4,006.00	Pressure Test
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 14:49	Operational	Pump Spacer	8.3400	5.00	10.00	399.00	
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 14:55	Operational	Pump Spacer	11.0000	3.80	20.00	577.00	
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 15:15	Operational	Pump Lead Cement	12.5000	5.00	140.00	498.00	Batch, Weigh, and Pumped 380 sks of 12.5# Lead CMT
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 15:42	Operational	Pump Tail Cement	15.8000	5.00	58.00	500.00	Batch, and Pump 285sks of 15.8# Tail CMT. Top of Tail Calculated @ 4683ft
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 16:02	Operational	Clean Pumps and Lines	8.3400				
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 16:09	Operational	Drop Top Plug	8.3400	5.00	1.00	0.00	Plug Left, Verified by Customer
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 16:10	Operational	Pump Displacement	8.3400	6.20	199.00	1,288.00	200 Bbls Into Displacement
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 16:44	Operational	Pump Displacement	8.3400	5.00	45.00	1,719.00	
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 16:53	Operational	Pump Displacement	8.3400	3.00	20.00	1,920.00	
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 16:58	Operational	Land Plug	8.3400	0.00		2,506.00	Bumped Plug @ 265 Bbls away, Got Back 10 BBLs of Cement
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 16:58	Operational	Check Floats	8.3400				2 Bbls Back
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 17:02	Operational	Other (See comment)	8.3400			2,056.00	Pressured Up For Casing Test
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 17:13	Operational	Other (See comment)	8.3400			2,100.00	Bleed Off From Casing Test
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 17:14	Operational	Safety Meeting					Held Rig Down STEACS With Crew
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 17:20	Operational	Rig Down					
5-62-26-6457CN ANSCHUTZ STATE	Intermediate	05/02/2018 18:15	Mobilization	Leave Location					



JobMaster Program Version 4.02C1
Job Number:
Customer: **BBC**
Well Name: **Anschutz State 5-62-26-6457 CN**

