

Job Summary

Ticket Number	Ticket Date
TN# BCO-1911-0007	11/2/2019

COUNTY	COMPANY	API Number
Weld	HIGHPOINT OPERATING	05-123-49718
WELL NAME	RIG	JOB TYPE
Grinde - 01-64-05-4841C	Cade 23	CM-SURFACE CASING
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.0775 -104.58317	JAMES PAYNE	KC And Bob

EMPLOYEES
JAMES PAYNE
AJ STAPLES
JACOB GUESMEN

WELL PROFILE			
Max Treating Pressure (psi):		Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	13.5	0	1,255		
2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Surface	9 5/8	36	J-55	0	1,252	0	1,252
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

CEMENT DATA

Stage 1:	From Depth (ft):	0	To Depth (ft):	1252
Type: CEMENTING SURFACE CASING	Volume (sacks):	360	Volume (bbls):	118

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
CONTROL SET C	13	1.93	10.53

Stage 2:	From Depth (ft):		To Depth (ft):	
Type: N/A	Volume (sacks):		Volume (bbls):	

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

Stage 3:	From Depth (ft):		To Depth (ft):	
Type: N/A	Volume (sacks):		Volume (bbls):	

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

Stage 4:	From Depth (ft):		To Depth (ft):	
Type: N/A	Volume (sacks):		Volume (bbls):	

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

SUMMARY

	Stage 1	Stage 2
Preflushes:		
5 bbls of Fresh Water	Calculated Displacement (bbl): 93.1	
10 bbls of Dye	Actual Displacement (bbl): 93.1	
bbls of		
Total Preflush/Spacer Volume (bbl): 15	Plug Bump (Y/N): YES	Bump Pressure (psi): 1000
Total Slurry Volume (bbl): 124	Lost Returns (Y/N): NO (if Y, when)	
Total Fluid Pumped 226.1		
Returns to Surface:		
Cement 10 bbls		

Job Notes (fluids pumped / procedures / tools / etc.): Filled lines, Pressure tested lines to 3000psi, Pumped 10bbl of red dye, Mixed 344sx and pumped cement @13ppg, Shut down and washed pump unit, Dropped plug, Displaced with 93.1bbl, Bumped plug, Held for 5 min, Checked floats and got .5bbl back of fresh water. The program was made for 10%excess and we cut it down to 5%excess for surface returns.

Thank You For Using
CJES O-TEX Cementing

Customer Representative Signature: _____

Cement Job Log



Customer:	HIGHPOINT OPERATING				Date:	11/2/2019		Serv. Supervisor:	JAMES PAYNE			
Cust. Rep.:	KC And Bob				Ticket #:	BCO-1911-0007		Serv. Center	Brighton - 3021			
Lease:	Grinde - 01-64-05-4841C				API Well #:	05-123-49718		County:	Weld		State:	CO
Well Type:	Oil				Rig:	Cade 23		Type of Job:	CM-SURFACE CASING			
Materials Furnished by C&J ENERGY SERVICES												
Plugs		Casing Hardware				Physical Slurry Properties						
						Sacks of Cement	Fluid Dens (lb/gal)	Excess	Yield (cuft/sk)	Mix Water (gal/sk)	Fluid Volume (bbls)	Mix Water (bbls)
0												
Single Slurry - 13ppg ControlSet C		100 % CJ922 +2.0 % CJ101+2.0 % CJ030+2.0 % CJ110+0.4 % CJX157011+0.25 PPS CJ600				360	13		1.93	10.53	123.99	90
Displacement												
Top Out (If Needed) - 15.8ppg Class G		+100 % CJ914				100	15.8		1.15	5.00	20.44	12
+100 % CJ914												
Displacement Chemicals:												
OPEN HOLE DATA		TUBULAR DATA										
13.5 OH (0-1255FT)		9 5/8 36# (0-1251FT)				SIZE WEIGHT	THREAD	DEPTH (ft)	GRADE	ID (in)	BURST (psi)	COLLAPSE (psi)
Mix Cemt. Temperature °F	Lead Temp.	Middle Temp.	Tail Temp.									
PREVIOUS CASING DATA				PERFORATED INTERVAL DATA				CASING EQUIPMENT DEPTHS				
				TOP		BTM	SPF	SIZE	SHOE	FLOAT	STAGE	ACP
WELL FLUID		DISPLACEMENT FLUID				DIFF PRESS (psi)	CSG LIFT (psi)	MAX PRESS (psi)	Total Number of Runs			WATER ON LOC (bbl)
TYPE	DENSITY	VOLUME	TYPE	DENSITY								
mud	13.0 ppg	93.1 bbl	water	8.3 ppg								

Cement Job Log



Customer:	HIGHPOINT OPERATING	Date:	11/2/2019	Serv. Supervisor:	JAMES PAYNE
Cust. Rep.:	KC And Bob	Ticket #:	BCO-1911-0007	Serv. Center	Brighton - 3021
Lease:	Grinde - 01-64-05-4841C	API Well #:	05-123-49718	County:	Weld State: CO
Well Type:	Oil	Rig:	Cade 23	Type of Job:	CM-SURFACE CASING

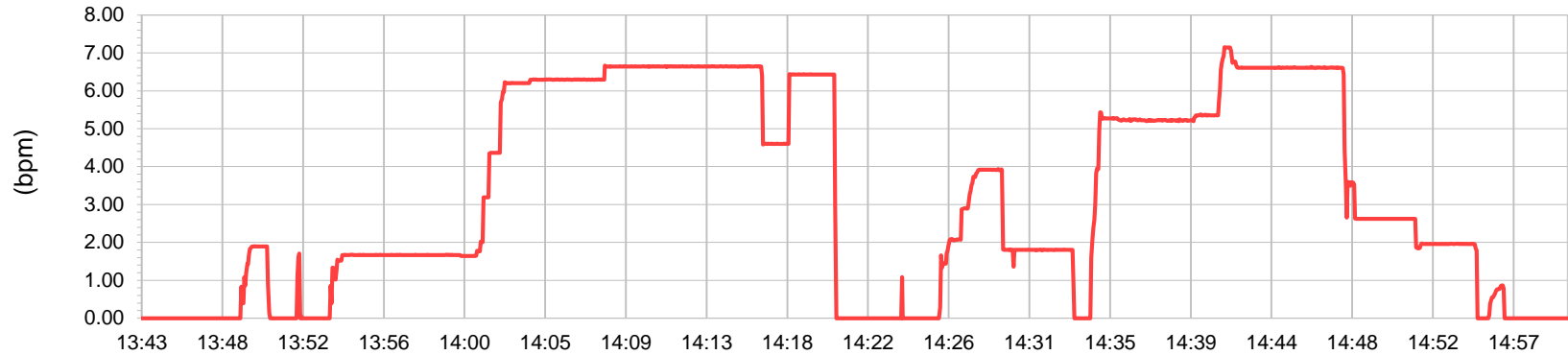
Time	Rate (bbl/min)	Csg. Press. (psi)	Tbg. Press. (psi)	Ann. Press. (psi)	Stg. Vol. (bbl)	Cum. Vol. (bbl)	Stage Num. Stage	Stage Details
4:00 AM							1	LEAVE THE YARD
5:00 AM							1	ARRIVED ON LOCATION
5:30 AM							1	STAND BY WAIT ON RIG
10:30 AM							1	SPOT EQUIPMENT
10:45 AM							1	RIG IN IRON AND HOSES
1:00 PM							1	PRE JOB SAFETY MEETING
1:49 PM	3		61		5.0 bbl	5.0 bbl	1	FILL LINES
1:52 PM							1	PRESSURE TEST LINES TO 3000PSI
1:54 PM			3000		10.0 bbl	15.0 bbl	1	PUMP 10BBL OF RED DYE
2:04 PM	6.3		163		118.0 bbl	133.0 bbl	1	MIX 360SX AND PUMP CEMENT @13PPG
2:20 PM							1	SHUT DOWN / WASH PUMP UNIT
2:25 PM							1	DROP PLUG
2:34 PM	5.3		70		93.1 bbl	226.1 bbl	1	DISPLACE WITH FRESH WATER
2:56 PM			1000				1	BUMP PLUG AND HOLD FOR 5 MIN
3:01 PM							1	CHECK FLOATS
3:10 PM							1	RIG OUT IRON AND HOSES
4:30 PM							1	LEAVE LOCATION

Left Yard	11/2/19 4:00 AM			Left Loc.	11/2/19 4:30 PM			Start Pump		11/2/19 1:49 PM			
Arrived Loc.	11/2/19 5:00 AM			Returned Yd.	11/2/19 5:00 PM			End Pump		11/2/19 3:01 PM			
Bumped Plug (psi)	Final Differential (psi)	Floats Held (Y/N)	PSI Left on Casing	Cement to Surface (bbl)	Top of Cement (ft)	Full Circ. During Job (Y/N)	Max Pump Pressur	Casing Rotation	Standby Charged(hrs)	Casing Reciprocation	Wireline Co.		
YES		YES		10bbl	0FT	YES	2000		6		0		
							James Payne						11/ 2/ 2019
													Date

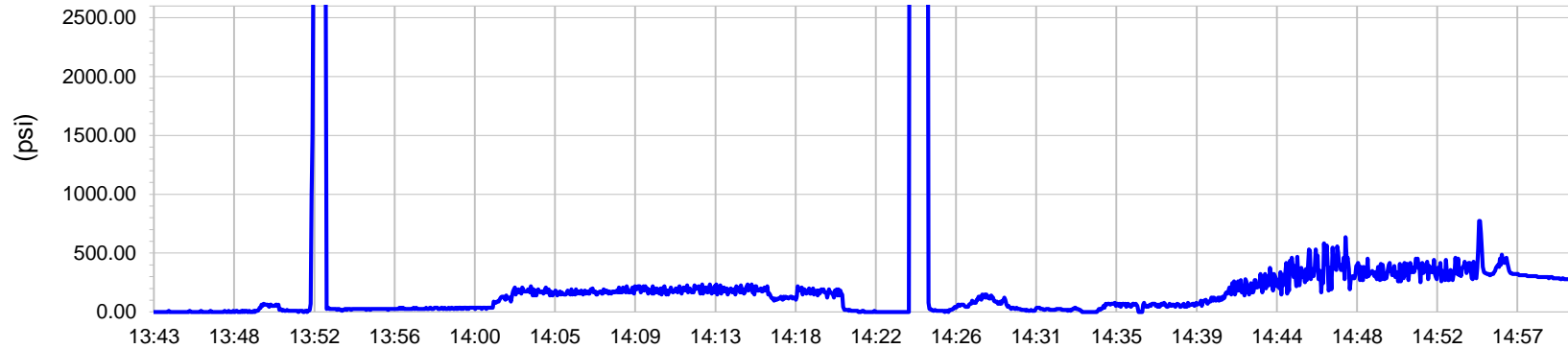


Client	HIGH POINT	Client Rep	BOB SOTA	Supervisor	James, Payne
Ticket No.	BCO-1911-0007	Well Name	GRINDE-01-64-05-4841C	Unit No.	445051
Location	NWSW 5 1N 64W	Job Type	SURFACE CASINNG	Service District	Brighton, CO
Comments	CEMENTING SURFACE CASING			Job Date	11/2/2019

Unit 445051 Rate Total



Unit 445051 Pump Pressure



Unit 445051 Density

