

# Job Summary

Ticket Number	Ticket Date
TN# <b>BCO-1903-0044</b>	<b>3/11/2019</b>

COUNTY	COMPANY	API Number
<b>Weld</b>	<b>HIGHPOINT OPERATING</b>	<b>05-123-07723</b>
WELL NAME	RIG	JOB TYPE
<b>Peters 16-34</b>	<b>Pioneer 135</b>	<b>Plug to Abandon</b>
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
<b>40.960143 -104.412013</b>	<b>JAMES PAYNE</b>	<b>Richard Behrend</b>

EMPLOYEES		

<b>WELL PROFILE</b>			
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)
	7 7/8	230	3000		
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	8 5/8	24		0	230		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
TUBING	2 3/8	4.7		0	3000		
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): **2620** To Depth (ft): **3000**  
 Type: **BALANCE PLUG**  
 Volume (sacks): **150** Volume (bbls): **30.7**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
TYPE G +2%CALC2	15.8	1.15	5.00

**Stage 2:** From Depth (ft): **1190** To Depth (ft): **1510**  
 Type: **BALANCE PLUG**  
 Volume (sacks): **150** Volume (bbls): **30.7**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
TYPE G +2%CALC2	15.8	1.15	5.00

**Stage 3:** From Depth (ft): **393** To Depth (ft): **800**  
 Type: **BALANCE PLUG**  
 Volume (sacks): **120** Volume (bbls): **24.5**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
TYPE G	15.8	1.15	5.00

**Stage 4:** From Depth (ft): **0** To Depth (ft): **280**  
 Type: **SURFACE PLUG**  
 Volume (sacks): **132** Volume (bbls): **27**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
TYPE G +2%CALC2	15.8	1.15	5.00

### SUMMARY

Preflushes:	<b>15</b> bbls of <b>Fresh Water</b>	Calculated Displacement (bbl):	<b>9.6</b>	<b>3.7</b>
		Actual Displacement (bbl):	<b>9.6</b>	<b>3.7</b>
Total Preflush/Spacer Volume (bbl):	<b>15</b>	Plug Bump (Y/N):	<b>N/A</b>	Bump Pressure (psi): <b>N/A</b>
Total Slurry Volume (bbl):	<b>112.9</b>	Lost Returns (Y/N):	<b>NO</b>	(if Y, when)
Total Fluid Pumped	<b>145.7</b>			
Returns to Surface:				bbls

Job Notes (fluids pumped / procedures / tools / etc.): **SEE JOB LOG**

Customer Representative Signature: **Thank You For Using CJES O-TEX Cementing**

Cement Job Log



Customer:	HIGHPOINT OPERATING	Date:	3/10/2019	Serv. Supervisor:	JAMES PAYNE
Cust. Rep.:	Richard Behrend	Ticket #:	BCO-1903-0044	Serv. Center:	Brighton - 3021
Lease:	Peters 16-34	API Well #:	05-123-07723	County:	Weld State: CO
Well Type:	Oil	Rig:	Pioneer 135	Type of Job:	Plug to Abandon

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 (bbbls)	Mix Water (bbbls)
5 bbl Water						5.00		
Balance Plug	100 % CJ914	150	15.8		1.15	5.00	30.66 18	
Balance Plug 2	100 % CJ914 +2.0 % CJ110	150	15.8		1.16	5.00	31.10 18	
Balance Plug 3	100 % CJ914	120	15.8		1.15	5.00	24.53 14	
Balance Plug 4	100 % CJ914	132	15.8		1.15	5.00	26.98 16	
100 % CJ914								
Displacement Chemicals:								

**Cement Job Log**



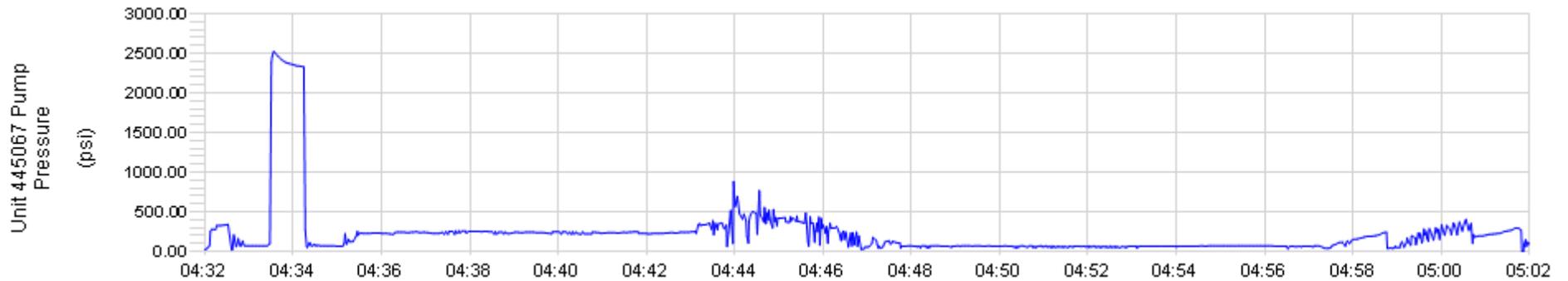
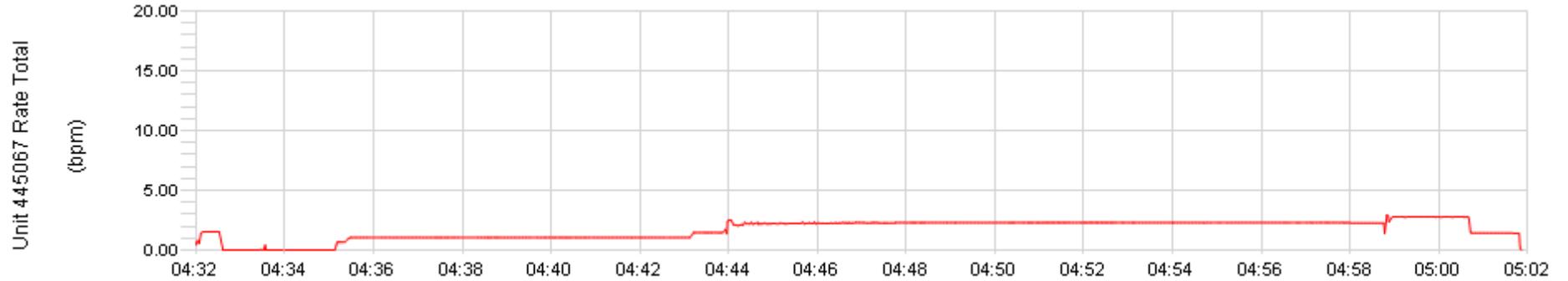
Customer: <b>HIGHPOINT OPERATING</b>		Date: <b>3/10/2019</b>		Serv. Supervisor: <b>JAMES PAYNE</b>							
Cust. Rep.: <b>Richard Behrend</b>		Ticket #: <b>BCO-1903-0044</b>		Serv. Center <b>Brighton - 3021</b>							
Lease: <b>Peters 16-34</b>		API Well #: <b>05-123-07723</b>		County: <b>Weld</b>	State: <b>CO</b>						
Well Type: <b>Oil</b>		Rig: <b>Pioneer 135</b>		Type of Job: <b>Plug to Abandon</b>							
<b>OPEN HOLE DATA</b>				<b>TUBULAR DATA</b>							
<b>7.875 in. O.H. (230 to 3,000 ft)</b>		<b>2.375 4.7# (0-300FT)</b>		SIZE WEIGHT	THREAD	DEPTH (ft)	GRADE	ID (in)	BURST (psi)	COLLAPSE (psi)	
<b>PREVIOUS CASING DATA</b>			<b>PERFORATED INTERVAL DATA</b>				<b>CASING EQUIPMENT DEPTHS</b>				
<b>8.625 in. 24# (0 to 230 ft)</b>			TOP	BTM	SPF	SIZE	SHOE	FLOAT	STAGE	ACP	
<b>WELL FLUID</b>		<b>DISPLACEMENT FLUID</b>			DIFF PRESS (psi)	CSG LIFT (psi)	MAX PRESS (psi)	WATER ON LOC (bbl)			
TYPE	DENSITY	VOLUME	TYPE	DENSITY							
WATER	8.3 ppg		WATER	8.3 ppg							
Time	Rate (bbl/min)	Csg. Press. (psi)	Tbg. Press. (psi)	Ann. Press. (psi)	Stg. Vol. (bbl)	Cum. Vol. (bbl)	Stage Details				
10:00 PM						0	ARRIVE ON LOCATION				
10:15 PM						0	SPOT EQUIPMENT				
10:30 PM						0	RIG UP IRON AND HOSES				
4:00 AM						0	PRE JOB SAFETY MEETING				
4:30 AM	1.5		300			0	FILL LINES WITH FRESH WATER				
4:33 AM			2500			0	PRESSURE TEST LINES 2500PSI				
4:37 AM	1.5		250		5	5	PUMP FRESH WATER SPACER				
4:43 AM	1.5		300		30.7	35.7	MIX 150SKS AND PUMP CEMENT @15.8PPG +2%CALC2				
4:57 AM	2.5		95		9.6	45.3	DISPLACE WITH FRESH WATER				
5:00 AM						45.3	SHUT DOWN/ STANDBY WAIT TO TAG CEMENT				
10:10 AM	1		110		5	50.3	EST CIRCULATION				
10:15 AM	2		90		30.7	81	MIX 150SKS AND PUMP CEMENT @15.8PPG +2%CALC2				
10:27 AM	2		230		3.7	84.7	DISPLACE WITH FRESH WATER				
10:30 AM						84.7	SHUT DOWN/ STANDBY WAIT TO TAG CEMENT				
2:25 PM	1.2				5	89.7	EST CIRCULATION				
2:35 PM	2		100		24.5	114.2	MIX 120SKS AND PUMP CEMENT @15.8PPG				
2:44 PM	2		80		1.5	115.7	DISPLACE WITH FRESH WATER				
2:46 PM						115.7	SHUT DOWN				
3:40 PM	1.5		80		3	118.7	EST CIRCULATION				
3:42 PM	2		70		25	143.7	MIX 122SKS AND PUMP CEMENT @15.8PPG +2%CALC2				
3:55 PM						143.7	SHUT DOWN				
4:20 PM	.5		0		2	145.7	TOP OFF WELL WITH 10SKS				
4:30 PM							WASH PUMP UNIT				
5:30 PM							RIG UP IRON AND HOSES/ LEAVE LOCATION				
Left Yard	3/10/19 7:30 PM		Left Loc.	3/11/19 5:30 PM		Start Pump	3/11/19 4:30 AM				
Arrived Loc.	3/10/19 10:00 PM		Returned Yd.	3/11/19 8:00 PM		End Pump	3/11/19 4:20 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 Pressure (psi)	Casing Rotation	Standby Charged (hrs)	Casing Reciprocation	
					SURFACE	YES	1000		14		
							<b>JAMES PAYNE</b>		<b>3/11/2019</b>		
							Service Supervisor		Date		



Client HIGH POINT  
Ticket No. 19030044  
Location SESE 34 12N 63W  
Comments

Client Rep RIGHARD BEHREND  
Well Name PETERS 16-34  
Job Type Abandonment Plugs

Supervisor JAMES PAYNE  
Unit No. 445067  
Service District WELD  
Job Date 03/11/2019





Client HIGH POINT  
Ticket No. 19030044  
Location SESE 34 12N 63W  
Comments BALANCE PLUG #2

Client Rep RICHARD BEHREND  
Well Name PETERS 16-34  
Job Type Abandonment Plugs

Supervisor JAMES PAYNE  
Unit No. 445067  
Service District BRIGHTON  
Job Date 03/11/2019

Unit 445067 Rate Total



Unit 445067 Pump Pressure



Unit 445067 Density





Client HIGH POINT  
Ticket No. 19030044  
Location SESE 34 12N 63W  
Comments BALANCE PLUG #3

Client Rep RICHARD  
Well Name PETERS 16-34  
Job Type Abandonment Plugs

Supervisor JAMES PAYNE  
Unit No. 445067  
Service District WELD  
Job Date 03/11/2019

Unit 445067 Rate Total



Unit 445067 Pump Pressure



Unit 445067 Density



