

# 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

<b>Stage 1:</b>	From Depth (ft):	2620	To Depth (ft):	3000
Type: <b>BALANCE PLUG</b>	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

<b>Stage 2:</b>	From Depth (ft):	1190	To Depth (ft):	1510
Type: <b>BALANCE PLUG</b>	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

<b>Stage 3:</b>	From Depth (ft):	393	To Depth (ft):	800
Type: <b>BALANCE PLUG</b>	Volume (sacks):	120	Volume (bbls):	24.5

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

<b>Stage 4:</b>	From Depth (ft):	0	To Depth (ft):	280
Type: <b>SURFACE PLUG</b>	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

	Stage 1	Stage 2
Preflushes:		
15 bbls of Fresh Water	9.6	3.7
bbls of	9.6	3.7
bbls of		
Total Preflush/Spacer Volume (bbl):	15	
Total Slurry Volume (bbl):	112.9	
Total Fluid Pumped	145.7	
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 (bbls)	Mix Water (bbls)
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:	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			
OPEN HOLE DATA				TUBULAR DATA								
7.875 in. O.H. (230 to 3,000 ft)				2.375 4.7# (0-300FT)		SIZE WEIGHT	THREAD	DEPTH (ft)	GRADE	ID (in)	BURST (psi)	COLLAPSE (psi)
PREVIOUS CASING DATA				PERFORATED INTERVAL DATA				CASING EQUIPMENT DEPTHS				
8.625 in. 24# (0 to 230 ft)				TOP		BTM	SPF	SIZE	SHOE	FLOAT	STAGE	ACP
WELL FLUID		DISPLACEMENT FLUID			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			
							<div style="text-align: center;"> <b>JAMES PAYNE</b> </div> <div style="text-align: right;"> <b>3/11/2019</b> </div>					
							<div style="text-align: center;"> Service Supervisor </div> <div style="text-align: right;"> Date </div>					

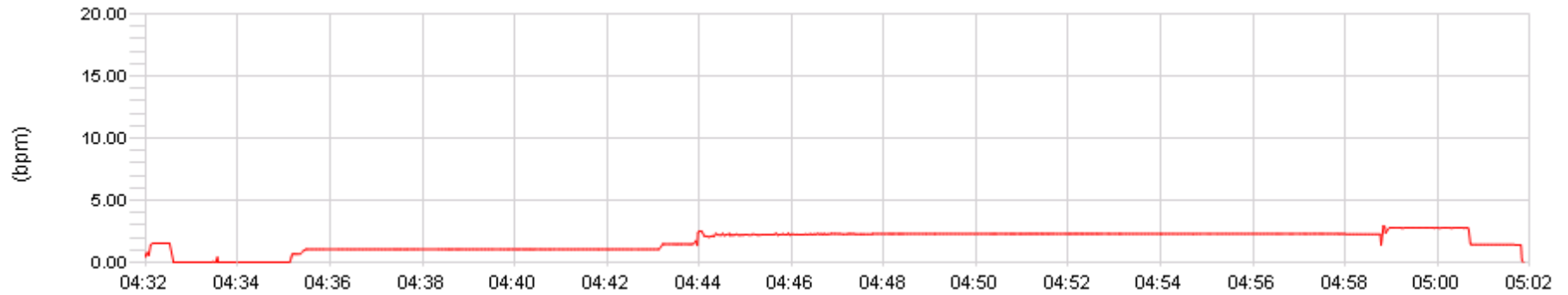


Client HIGH POINT  
Ticket No. 19030044  
Location SESE 34 12N 63W  
Comments

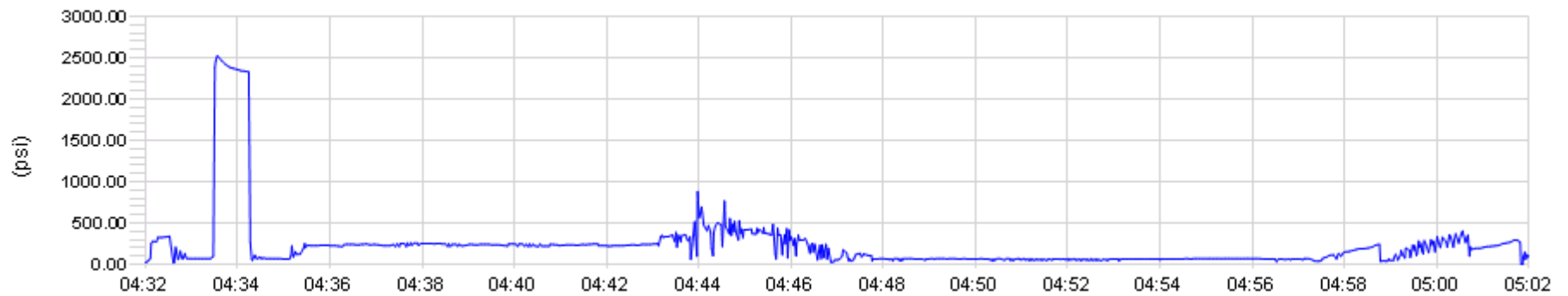
Client Rep RIGHARD BEHREND  
Well Name PETERS 16-34  
Job Type Abandonment Plugs

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

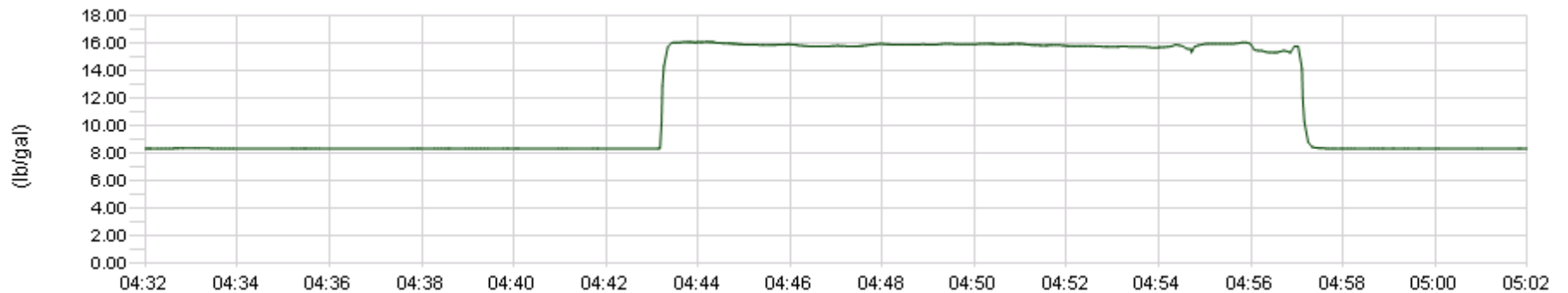
Unit 445067 Rate Total



Unit 445067 Pump Pressure



Unit 445067 Density





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

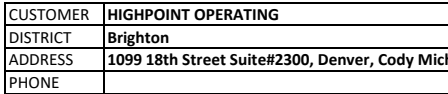


Unit 445067 Pump Pressure



Unit 445067 Density





<b>TICKET</b>	BCO-1903-0044
<b>DATE</b>	3/11/2019
<b>CREW INFORMATION</b>	
<b>SUPERVISOR</b>	JAMES PAYNE
<b>PUMP UNIT</b>	445067
<b>NUMBERS</b>	
<b>ARRIVAL (D&amp;T)</b>	3/10/19 10:00 PM
<b>DEPARTURE (D&amp;T)</b>	3/11/19 5:30 PM

[illegible]

Price Code	Description	Unit	Quantity	Price	Gross Amount	Discount	Net Amount
CJ914	Class G Cement	SK		\$	\$		\$
CJ110	Calcium Chloride (CaCl2)	LB		\$	\$		\$
CJ773L	PPG Defoamer	GAL		\$	\$		\$
202202000	Pump Charge Additional Hours	HR	14	\$	\$	0%	\$
AE012	Bulk Unit Additional Hours	UNTHRS	14	\$	\$	0%	\$
		O O		\$ -	\$ -		
CJ795	Sugar	LB	200	\$	\$	58%	\$
		O O		\$ -	\$ -		
		O O		\$ -	\$ -		
				Subtotal	\$		\$
				Fuel Surcharge		0%	\$ -
				Grand Total	\$		\$

Customer Name Printed \_\_\_\_\_

Customer Signature \_\_\_\_\_

Date Signed \_\_\_\_\_