



Job Summary

Ticket Number	Ticket Date
TN# FL2856	12/28/2017

COUNTY	COMPANY	API Number
Weld	Crestone Peak Resources Operating, LLC	05-123-13804
WELL NAME	RIG	JOB TYPE
Coal Creek C Unit 1	Swabbco 12	Thixo Squeeze
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NWNE 19-1N-68W	Scott, Derek	Craig Hefti

EMPLOYEES		
Coral-Flores, Francisco		
Cicalla, David		

WELL PROFILE			
Max Treating Pressure (psi):		Bottom Hole Static Temperature (°F):	0
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	7.87		4425		
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)
Tubing	2.375	4.7		0	4395		
Production	4.5	11.6		0	4425		

CEMENT DATA

Stage 1:	From Depth (ft):	4191	To Depth (ft):	4425
Type: Squeeze	Volume (sacks):	45	Volume (bbls):	12

Cement & Additives:	Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% Class G+2% Gel+6% Gypsum+0.3% CFL-3+0.4% CF-41P+0.2% C-20	14.5	1.50	7.24

SUMMARY

Preflushes:	4 bbls of Fresh Water	Calculated Displacement (bbl):	17	Stage 1	Stage 2
		Actual Displacement (bbl):	15		
Total Preflush/Spacer Volume (bbl):	4	Plug Bump (Y/N):	N/A	Bump Pressure (psi):	N/A
Total Slurry Volume (bbl):	12	Lost Returns (Y/N):	N/A (if Y, when)		
Total Fluid Pumped	31				
Returns to Surface:	Cement 0 bbls				

Job Notes (fluids pumped / procedures / tools / etc.):

CICR set @ 4395'

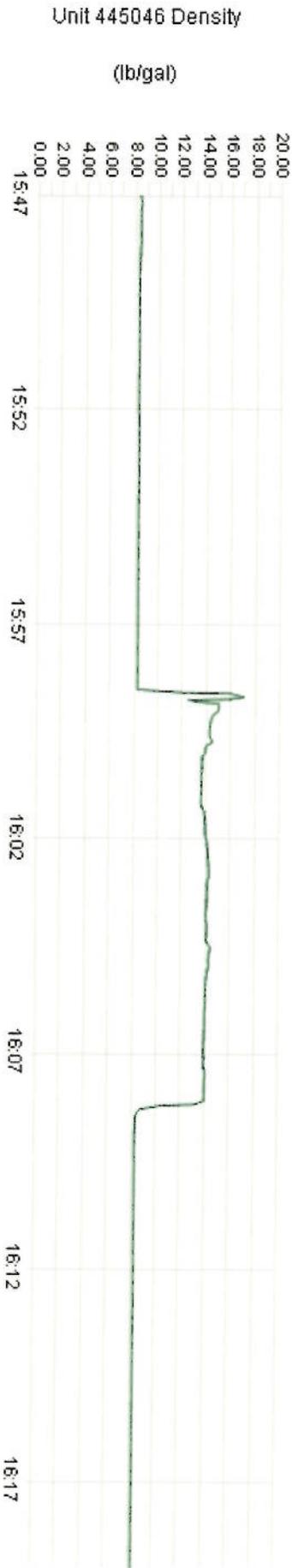
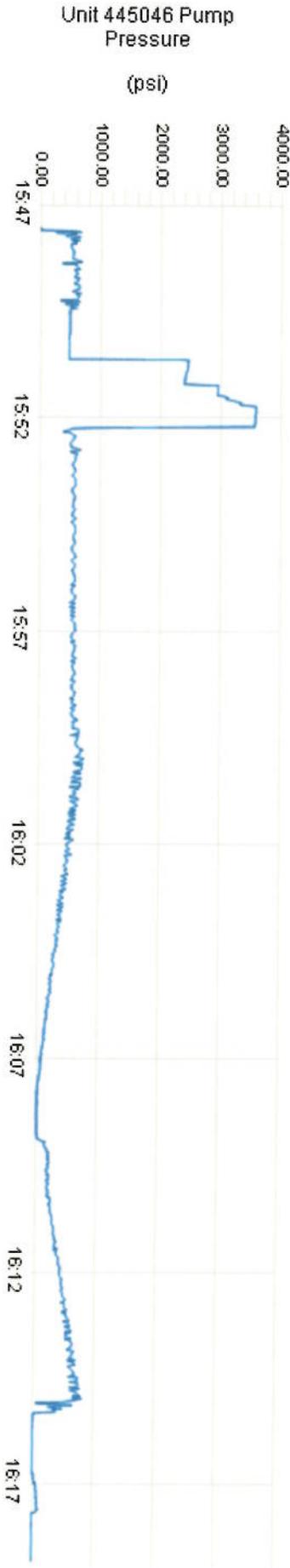
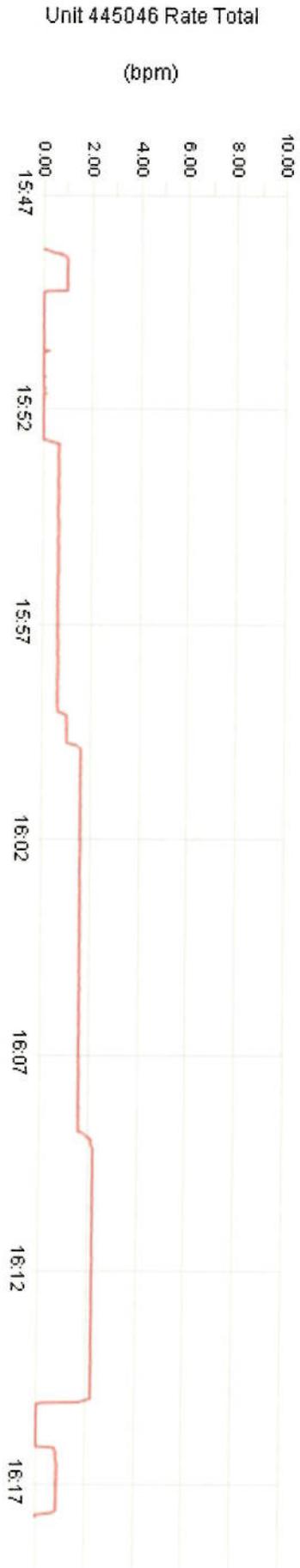
Thank You For Using
O-TEX Cementing

Customer Representative Signature: _____

Client: Crestone
Ticket No.: 2856
Location: NWNNE 19-1N-68W
Comments: 45sx Thixotropic 14.5ppg

Client Rep: Craig Hefti
Well Name: Coal Creek C Unit 1
Job Type: Retainer Squeeze

Supervisor: Derek Scott
Unit No.: 445046
Service District: Brighton, CO
Job Date: 12/28/2017





Job Summary

Ticket Number	Ticket Date
TN# FL2864	1/3/2018

COUNTY	COMPANY	API Number
Weld	Crestone Peak Resources Operating, LLC	05-123-13804
WELL NAME	RIG	JOB TYPE
Coal Creek C Unit 1	Swabbc0 #12	Sussex / Fox Hills
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NWNE 19-1N-68W	Cheal, Sam	Dale Solderstrom

EMPLOYEES		
Yates, Tony		
Cadena, Darius		

WELL PROFILE			
Max Treating Pressure (psi):	1500	Bottom Hole Static Temperature (°F):	0
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

Open Hole					
1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	7 7/8	840	1600	840	1600
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	J-55	0	840	0	840
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4 1/2	11.6	P-110	0	1577	0	1577
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):	1322	To Depth (ft):	1577
Type: Plug 1	Volume (sacks):	75	Volume (bbls):	15.3
Cement & Additives:				
	100% G Cement	Density (ppg)	Yield (ft³/sk)	Water Req.
		15.8	1.15	5.00

Stage 2:	From Depth (ft):	570	To Depth (ft):	860
Type: Plug 2	Volume (sacks):	75	Volume (bbls):	18.4
Cement & Additives:				
	100% MigraSeal+0.25#/sx Cello Flake	Density (ppg)	Yield (ft³/sk)	Water Req.
		14.6	1.38	6.61

Tagged @ 675'

SUMMARY				
Preflushes:	5 bbls of Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	10 bbls of SAPP	Actual Displacement (bbl):	19.9	7
	5 bbls of Fresh Water		20	8
Total Preflush/Spacer Volume (bbl):	20	Plug Bump (Y/N):	N/A	Bump Pressure (psi):
Total Slurry Volume (bbl):	33.7	Lost Returns (Y/N):	No (if Y, when)	
Total Fluid Pumped	81.7			
Returns to Surface:	Mud			

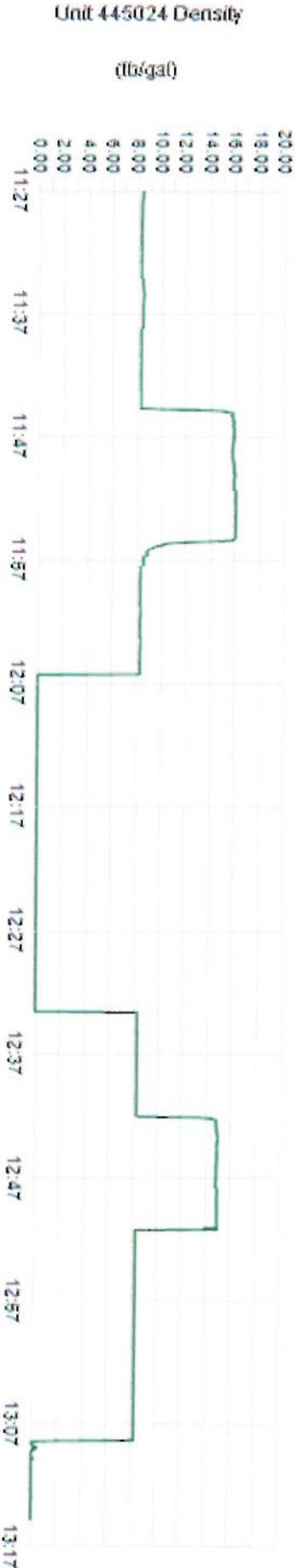
Job Notes (fluids pumped / procedures / tools / etc.):
Plug 1 - Pumped 10bbls pre-flush (100lbs SAPP), 5bbls fresh water spacer, mixed / pumped 15.3bbls cement @ 15.8ppg, displaced 20bbl fresh water to balance. Estimated cement coverage 1,322 - 1,577ft. Waited for Rig to pull 700ft. of casing out.
Plug 2 - Pumped 10bbls fresh water, mixed / pumped 18.4bbls cement @ 14.6ppg, displaced 8bbl fresh water to balance. Estimated cement coverage 570 - 860ft. Used production casing as working tubing. Pumped job as per program / customers request.

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

Client: Crestone Peak Resources
 Ticket No.: FL2864
 Location: NWNIE 19-1N-68W
 Comments: See job log for details

Client Rep: Dale Solderstrom
 Well Name: Coal Creek C Unit 1
 Job Type: Cement P & A plugs

Supervisor: Sam Cheal
 Unit No.: 445024
 Service District: Brighton, CO
 Job Date: 01/03/2018





Job Summary

Ticket Number	Ticket Date
TN# FL2866	1/4/2018

COUNTY	COMPANY	API Number
Weld	Crestone Peak Resources Operating, LLC	05-123-13804
WELL NAME	RIG	JOB TYPE
Coal Creek C Unit 1	Swabbco #12	Day 2
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NWNE 19-1N-68W	Laeger, Kacey	Craig Hefti

EMPLOYEES		
Mcfarland, James		
Peterson, Ryan	Roark, Kennith	

WELL PROFILE			
Max Treating Pressure (psi):		Bottom Hole Static Temperature (°F):	0
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
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	8.625	24	J-55	0	80		

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7	P-110	0	80		

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):	80
Type: Top Off	Volume (sacks):	31	Volume (bbls):	7.3

Cement & Additives:	Density (ppg)	Yield (ft ³ /sk)	Water Req.
100% Type III	14.8	1.33	6.32

SUMMARY

Preflushes:	4 bbls of Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
		Actual Displacement (bbl):		
Total Preflush/Spacer Volume (bbl):	4	Plug Bump (Y/N):	NA	Bump Pressure (psi):
Total Slurry Volume (bbl):	7.3	Lost Returns (Y/N):	N	(if Y, when)
Total Fluid Pumped	11.3			
Returns to Surface:	Cement	1 bbls		

Job Notes (fluids pumped / procedures / tools / etc.):

Thank You For Using
O-TEX Cementing

Customer Representative Signature: _____



Client	Crestone Peak Resources	Client Resp	Mr Dale	Supervisor	Laeger, Kacey
Ticket No.	Operating 2866	Well Name	Coal Creek C Unit 1	Unit No.	445052
Location	NW/NE 19-1N-68W	Job Type	Abandonment Plugs	Service District	brighton
Comments				Job Date	01/04/2018

