



## **Day 3 Plugs**

# **Cement Post Job Report**

Prepared For: Mr. Cole Orley

Prepared Date: 9/28/2017

Job Date: 9/27/2017

**Whiting Petroleum Corp.**

**UHL 2**

**Weld County, Colorado**

Prepared By: Paul Novotny

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# Job Summary

Ticket Number	Ticket Date
TN# FL2386	9/27/2017

COUNTY	COMPANY	API Number
Weld	Whiting Petroleum Corp.	05-123-19977
WELL NAME	RIG	JOB TYPE
UHL 2	SOS # 6	Day 3 Plugs
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
NWNW 29 - 10N - 58W	Doran, Ben	Jeff Fietner

EMPLOYEES		
Vieaux, Jon		
Phillips, James	Field, Tony	

<b>WELL PROFILE</b>			
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)
	7.875	283	900		
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	283		
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	900	0	330
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):	738	To Depth (ft):	900
Type: <b>Plug</b>	Volume (sacks):	40	Volume (bbls):	9.75
Cement & Additives:				
100% Class C+0.3% CFL-3+0.1% CFR-5+0.4% D-01+0.25#/sx Cello Flake		Density (ppg):	Yield (ft <sup>3</sup> /sk)	Water Req.
		14.6	1.37	6.58

<b>Stage 2:</b>	From Depth (ft):	135.5	To Depth (ft):	330
Type: <b>Stub Plug</b>	Volume (sacks):	50	Volume (bbls):	12.2
Cement & Additives:				
100% Class C+0.3% CFL-3+0.1% CFR-5+0.4% D-01+0.25#/sx Cello Flake		Density (ppg):	Yield (ft <sup>3</sup> /sk)	Water Req.
		14.6	1.37	6.58

<b>Stage 3:</b>	From Depth (ft):	160	To Depth (ft):	240
Type: <b>Balanced Plug</b>	Volume (sacks):	25	Volume (bbls):	5.1
Cement & Additives:				
100% Class G		Density (ppg):	Yield (ft <sup>3</sup> /sk)	Water Req.
		15.8	1.15	5.00

### SUMMARY

Preflushes:	10 bbls of SAPP	Calculated Displacement (bbl):	Stage 1	Stage 2
	5 bbls of Fresh Water	Actual Displacement (bbl):	2.8	0.5
	bbls of		2.8	0.5
Total Preflush/Spacer Volume (bbl):	15	Plug Bump (Y/N):		Bump Pressure (psi):
Total Slurry Volume (bbl):	27.05	Lost Returns (Y/N):		(if Y, when)
Total Fluid Pumped	45.35			
Returns to Surface:				

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

**Thank You For Using**  
**O - TEX Pumping**

Customer Representative Signature:



### CEMENTING JOB LOG

Project Number	FL2386	Job Date	9/27/2017
State	Colorado	County	Weld
Customer Representative	Jeff Fietner	Phone	308.241.0517
API Number	05-123-19977		

O-Tex Location	Brighton, Colorado 303-857-7948	Customer	Whiting Petroleum Corp.
Lease Name	UHL 2	O-Tex Field Supervisor	Doran, Ben
Well No.			
Job Type	Day 3 Plugs	Man Hours	40

**USE THIS FORM TO NOTE ANY ISSUES ENCOUNTERED WITH THE PERFORMANCE OF THIS JOB.  
THIS MAY INCLUDE TIME AT THE SHOP, ON THE ROAD OR DELAYS WITH DRILLING CONTRACTOR.**

DATE	TIME	VOLUME	RATE	PRESS		JOB PROCEDURES
				CSG	Tbg.	
9/27/2017	6:45					Arrive on location
9/27/2017	6:55					Check in with company rep/ Tailgate Meeting
9/27/2017	7:00					Rig In iron/ Wait on rig to tag cement/ Tagged @ 1468'
9/27/2017	8:15					PJSM
9/27/2017	8:30	0.25	0.75		1000	Fill lines/ Pressured up/ tubing plugged with shale and mud/ Wait on rig
9/27/2017	9:21	1	1.00		1500	Fill Lines/ Pressure Test
9/27/2017	9:24	15	1.70		20	10 BBL SAPP/ 5 BBL Fresh
9/27/2017	9:34	9.75	1.70		35	40SX @ 14.6 PPG, 1.37 Yield, 6.58 WR, 95.5 SW
9/27/2017	9:40					Displace to balance
9/27/2017	9:50					Wait on rig to trip to 330'
9/27/2017	10:02	1	0.50		20	Fill lines
9/27/2017	10:03				1000	Pressure Test
9/27/2017	10:04	15	1.50		35	10 BBL SAPP/ 5 BBL Fresh
9/27/2017	10:11	12.2	1.70		30	50 SX @ 14.6 PPG, 1.37 Yield, 6.58 WR, 95.5 SW
9/27/2017	10:19	0.5	1.70		10	Displace to balance
9/27/2017	10:32					Wash Pump/ Reverse Circulate/ .5 BBL cement to surface
9/27/2017	10:55					Wait on cement
9/27/2017	15:15					Tag cement @ 240'
9/27/2017	15:28	1	1.00		20	Fill lines
9/27/2017	15:29				1000	Pressure Test
9/27/2017	15:30	5	1.00		20	Establish Circulation
9/27/2017	15:34	5.1	1.00		20	25SX @ 15.8 PPG, 1.15Yield, 5.00 WR, 94 SW
9/27/2017	15:38	0.5	1.00		10	Displace to balance
9/27/2017	15:45	10				Wash Pump truck
9/27/2017	16:00					Rig Out
9/27/2017	16:15					Job Complete
9/27/2017	16:30					Leave Location

#### JOB CALCULATIONS

Tagged plug from yesterday @ 1468'  
 1st Plug- EOT @ 900'  
 Plug length 162'/ ETOC- 738'  
 2nd Plug- EOT @ 330'  
 Plug Length 194.5'/ ETOC- 135.5' / Tagged cement @ 240'  
 3rd Plug- EOT @ 240'  
 Plug Length 80'/ ETOC- 160'

#### CASING DATA

#### ANNULAR DATA

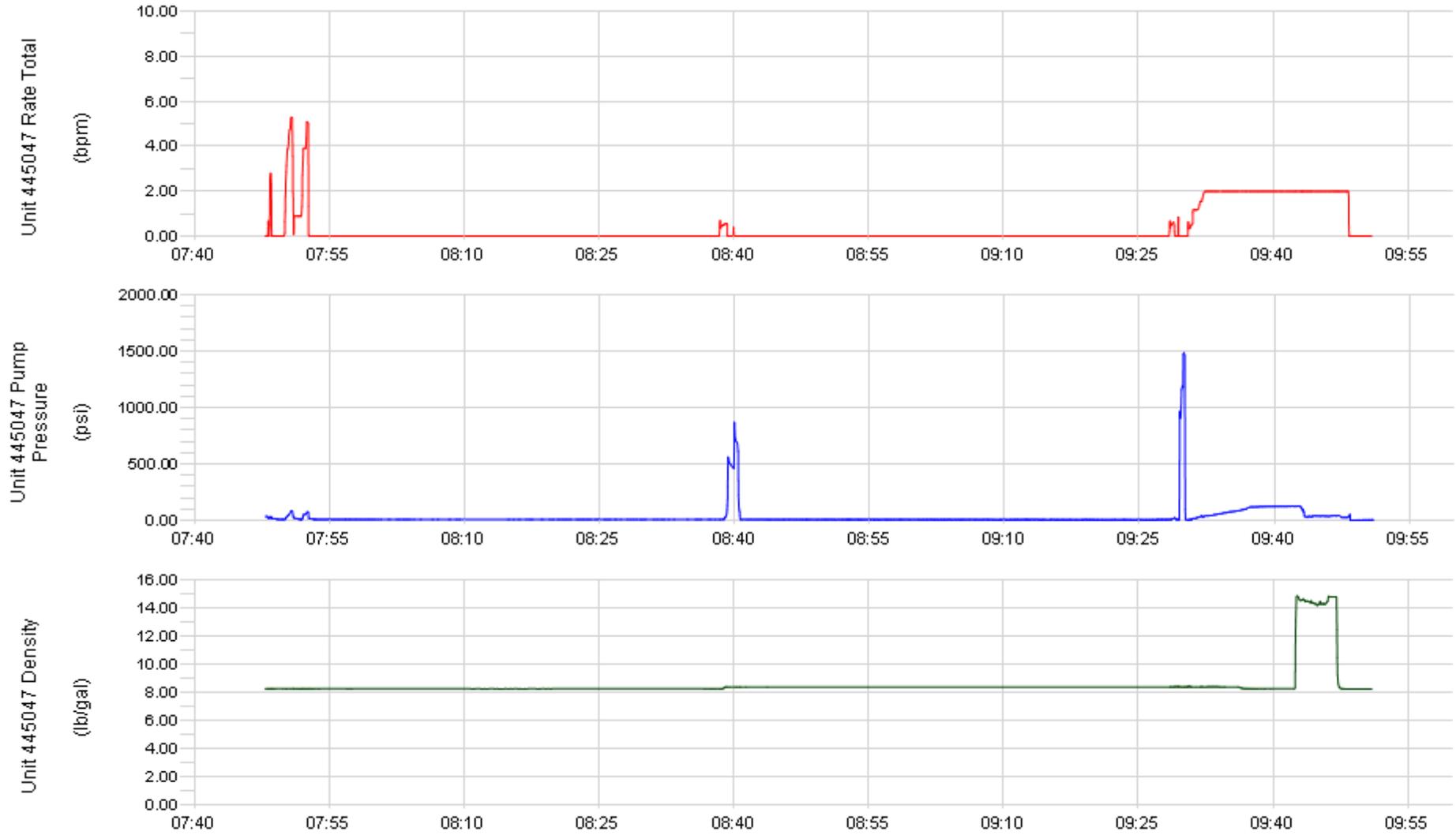
**PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW**



Client Whiting  
Ticket No. 2386  
Location  
Comments

Client Rep Jeff Fietner  
Well Name UHL 2  
Job Type Abandonment Plugs

Supervisor Ben Doran  
Unit No. 445047  
Service District Brighton  
Job Date 09/27/2017



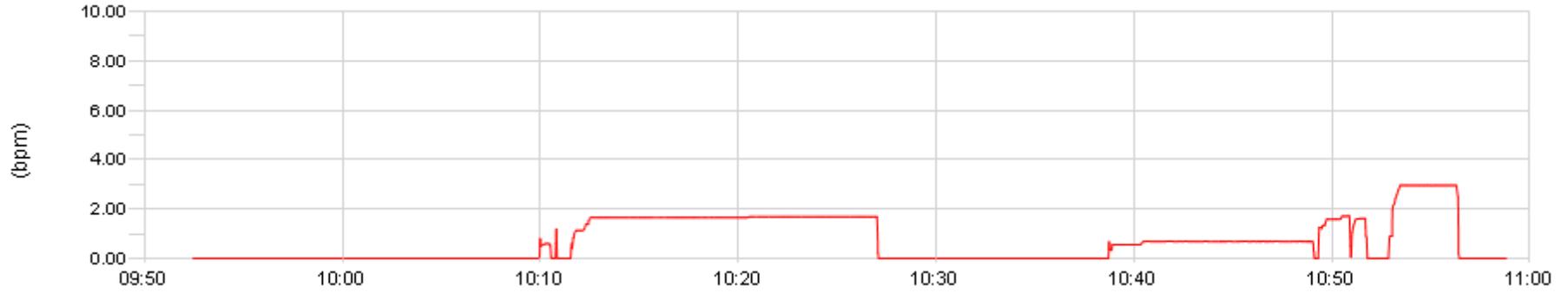


Client Whiting  
Ticket No. 2386  
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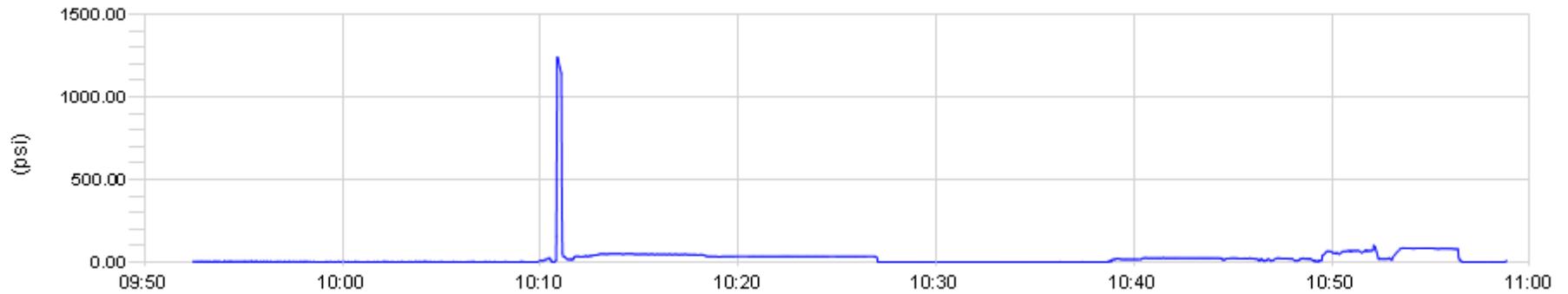
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Job Date 09/27/2017

Unit 445047 Rate Total



Unit 445047 Pump Pressure



Unit 445047 Density



