



Job Summary

Ticket Number

TN#

FL1097

Ticket Date

9/8/2016

COUNTY

COMPANY

CUSTOMER REP

Weld

Whiting Petroleum Corp.

Mr. Kyle Renton

WELL NAME

RIG

JOB TYPE

Razor 250-2444

Boss Unit 406

Surface

SURFACE WELL LOCATION

O-TEX Field Supervisor

SE SW Sec25:R10N:T58W

Bushnell, Cody

EMPLOYEES

Cody Bushnell

James Phillips

Kacey Laeger

Steven Sandoval

WELL PROFILE

Max Treating Pressure (psi):

Bottom Hole Static Temperature (°F):

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)
	13.5	0	2110		
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	9.625	36	J-55	0	2104		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production							
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

CEMENT DATA

Stage 1:

Type: Lead

From Depth (ft):

0

To Depth (ft):

1700.00

Volume (sacks):

340

Volume (bbls)

149.6

Cement:

Additives:

Control Set 'C'

2% SMS + 2% CaCl₂ + 22 Gypsum + 0.25lb/sk CelloflakeDensity (ppg) Yield (ft³/sk Water Req.

12

2.47

14.58

Stage 2:

Type: Tail

From Depth (ft):

1700

To Depth (ft):

2200.00

Volume (sacks):

330

Volume (bbls)

58.87

Cement:

Additives:

Type III Cement

2% CaCl₂ + 0.25lb/sk Celloflake%Density (ppg) Yield (ft³/sk Water Req.

14.2

1.48

7.37

Stage 3:

Type: Top Off

From Depth (ft):

To Depth (ft):

Volume (sacks):

100

Volume (bbls)

Cement:

Additives:

Type III Cement

2% CaCl₂Density (ppg) Yield (ft³/sk Water Req.

14.8

1.33

6.34

SUMMARY

Preflushes:	20 bbls of	Fresh Water	Calculated Displacement (bbl):	159
	bbls of		Actual Displacement (bbl)	159
	bbls of		Plug Bump (Y/N):	Yes
Total Preflush/Spacer Volume (bbl):	20		Bump Pressure (psi):	1500
Total Slurry Volume (bbl):	237		Lost Returns (Y/N):	No (if Y, when)
Total Fluid Pumped	416			
Returns to Surface:	Cement	50 bbls		

Customer Representative Signature:

Thank You For Using

O - TEX Pumping

O-Tex / Equipment and Personnel Report

O-Tex / Equipment and Personnel Report				Project Number		Job Date	
				FL1097		9/8/2016	
O-Tex Location			Customer			State	
Fort Lupton, Colorado 303-857-7948			Whiting Petroleum Corp.			County	
Lease Name		Well No.		O-Tex Field Supervisor		Weld	
Razor 250-2444				Bushnell,Cody		Customer Representative	
						Phone	
Job Type		Man Hours		Mr. Kyle Renton		970-373-4341	
Surface							

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.

[illegible]

JOB CALCULATIONS

CASING DATA

ANNULAR DATA

PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW

Started to see traces of cement channeling at the end of tail cement.

Returns were very thick and Otex had to adjust rate as per customer request so cellar pumps would keep up.

50 BBLS of good cement returns were observed to surface. Casing test held with no loss.

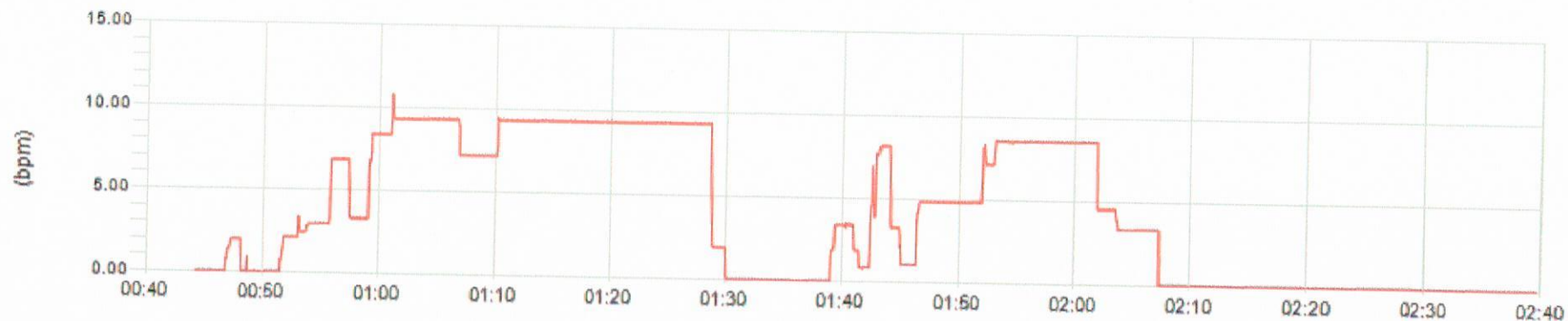


Client Whiting
Ticket No. 1097
Location Sec25 T10N R58W
Comments See Treating Report

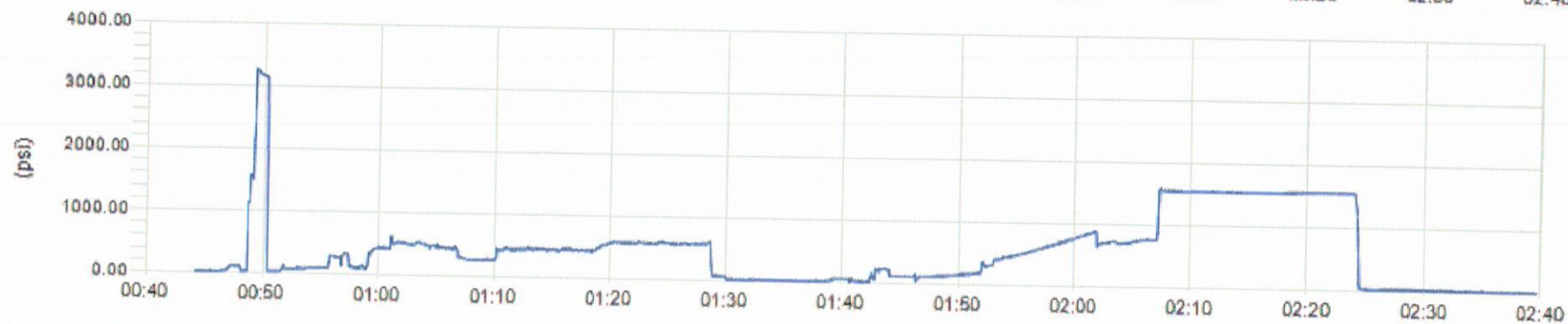
Client Rep Mr. Kyle Renton
Well Name Razor 250-2444
Job Type Surface Casing

Supervisor Cody Bushnell
Unit No. 445033
Service District Fort Lupton CO
Job Date 09/08/2016

Unit 445033 Rate Total



Unit 445033 Pump Pressure



Unit 445033 Density

