

Job Summary

Ticket Number

TN#

FL1149

Ticket Date

10/11/2016

COUNTY

COMPANY

CUSTOMER REP

Weld

Whiting Petroleum Corp.

Kyle Renton

WELL NAME

RIG

JOB TYPE

Horsetail 30E-1903

Unit Drilling 406

Surface

SURFACE WELL LOCATION

O-TEX Field Supervisor

NW SW Sec30:R10N:T57W

Svoboda, Milo

EMPLOYEES

Doran, Ben

Kopp, Jeff

Peterson, Ryan

WELL PROFILE

Max Treating Pressure (psi):

2500

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	2080		
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	2068		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
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):

815.00

Volume (sacks):

340

Volume (bbls)

150

Cement:

Control Set 'C'

Additives:

0.25lb/sk Celloflake

Density (ppg) Yield (ft³/sk) Water Req.

12

2.47

14.58

Stage 2:

Type: Tail

From Depth (ft):

815

To Depth (ft):

2068.00

Volume (sacks):

425

Volume (bbls)

112

Cement:

100% Class 'C'

Additives:

2% CaCl2 + 0.25% Celloflake

Density (ppg) Yield (ft³/sk) Water Req.

14.2

1.48

7.37

SUMMARY

Preflushes:	20 bbls of	Dye	Calculated Displacement (bbl):	157
	bbls of		Actual Displacement (bbl)	157
	bbls of		Plug Bump (Y/N):	Y
Total Preflush/Spacer Volume (bbl):	20		Bump Pressure (psi):	1550
Total Slurry Volume (bbl):	262		Lost Returns (Y/N):	N (if Y, when)
Total Fluid Pumped	439			
Returns to Surface:	Cement	110 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
O-Tex Location		Customer			FL1149	10/11/2016
Fort Lupton, Colorado 303-857-7948		Whiting Petroleum Corp.			State	County
Lease Name	Well No.	O-Tex Field Supervisor			CO	Weld
Horsetail 30E-1903		Svoboda, Milo			Customer Representative	Phone
Job Type		Man Hours			Kyle Renton	970-373-4341
Surface		24				

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

[illegible]

CASING DATA

[illegible]

ANNULAR DATA

[illegible]

PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW

[illegible]