



# Job Summary

Ticket Number	Ticket Date
TN# FL1458	2/17/2017

COUNTY	COMPANY	API Number
Weld	Whiting Petroleum Corp.	05-123-41839-00
WELL NAME	RIG	JOB TYPE
Horsetail 07H-1846	Unit 406	Surface
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
Sec 30 T10N-R57W	Laeger, Kacey	Chris Blodgett

EMPLOYEES
Forsyth, Scott
Davila, Isreal
Seniours, David

## WELL PROFILE

Max Treating Pressure (psi):	Bottom Hole Static Temperature (°F):	100
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	2092		
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	2080		
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:	From Depth (ft):	0	To Depth (ft):	1448		
Type: Lead	Volume (sacks):	420	Volume (bbls):	185.5		
Cement & Additives:				Density (ppg)	Yield (ft³/sk)	Water Req.
100% Control Set C+0.4% CF-41P+0.25#/sx Cello Flake+0.5-GAL/100-SX CF-41L				12	2.48	14.63

Stage 2:	From Depth (ft):	1448	To Depth (ft):	2080		
Type: Tail	Volume (sacks):	220	Volume (bbls):			
Class C Cement & Additives:				Density (ppg)	Yield (ft³/sk)	Water Req.
100% Class C+2% CaCl2+0.25#/sx Cello Flake+0.5-GAL/100-SX CF-41L				14.2	1.49	7.39

## SUMMARY

Preflushes:	20 bbls of	Dye	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of		Actual Displacement (bbl)	157	
	bbls of			157	
Total Preflush/Spacer Volume (bbl):	20		Plug Bump (Y/N):	Y	Bump Pressure (psi):
Total Slurry Volume (bbl):	243.9		Lost Returns (Y/N):	N (if Y, when)	
Total Fluid Pumped	420.9				
Returns to Surface:	Cement	106 bbls			

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

Thank You For Using  
O - TEX Pumping

Customer Representative Signature:



[illegible]

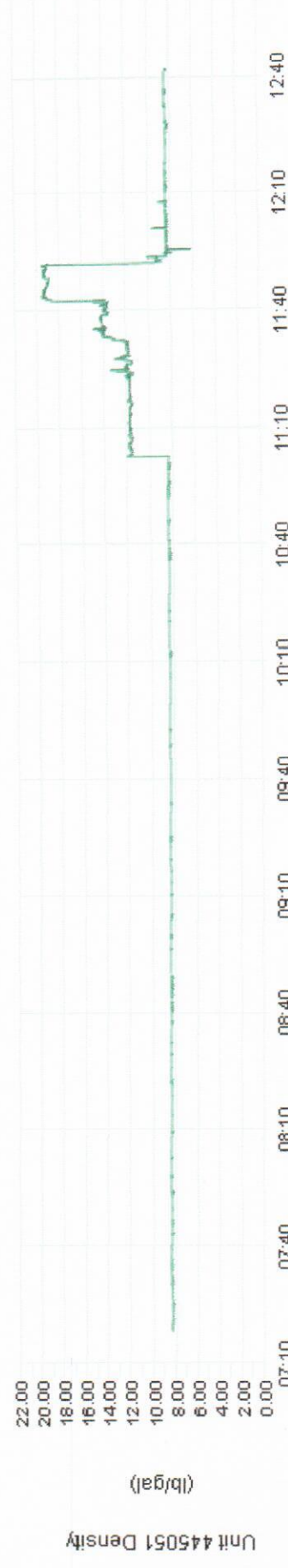
Client  
 Ticket No.  
 Location  
 Comments

Whiting Petroleum o  
 1458  
 Mr. Chris  
 Horsetail  
 Surface Casing

Client Rep  
 Well Name  
 Job Type

Supervisor  
 Unit No.  
 Service District  
 Job Date

Laeger Kacey  
 445051  
 Brighton  
 02/17/2017







Service Location: Brighton, Colorado 303-857-7948  
Service Address: 15549 Hwy 52, Fort Lupton, CO 80612

## FIELD RECEIPT

TN # FL1458

Service Date:	2/17/2017	Well Name:	Horsetail 07H-1846	Job Type:	Surface
Customer:	Whiting Petroleum Corp.				
Address:	1700 Broadway, Suite. 2300	County:	Weld	Service Supervisor:	Laeager, Kacey
City:	Denver	State:	CO		
St:	CO 80290	API #	05-123-41839-00		
Customer Rep:	Chris Blodgett	APE #	16-2171	Pump #1	445051

[illegible]

**I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMERS AGENT.**

**Customer Authorized Agent:**