



Job Summary

Ticket Number

TN#

FL1374

Ticket Date

1/24/2017

COUNTY	COMPANY	API Number
Weld	Whiting Petroleum Corp.	05-123-41781-00
WELL NAME	RIG	JOB TYPE
Horsetail General 07F-1838	Unit 406	Production
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
SE SW Sec 30-T10N-R57W	Laeger, Kacey	Chris
EMPLOYEES		
Cheal, Sam	Russel, Nick	Moll, Ian
	Forsyth, Scott	
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)
	8.5	2200	14136.8		
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	2200		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (ft)	TVD to (ft)
Production	5.5	20	P-110	0	14136.8		
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):	0		
Type: Scavenger	Volume (sacks):	105	Volume (bbls):	50		
Cement & Additives:				Density (ppg)	Yield (ft³/sk)	Water Req.
100% 50:50:0(POZ Type III:GEL)+0.3% ASM-3+0.5% FL-17+2% FWC-2+0.1% C-20+0.25#/sx Cello Flake				11	2.66	16.07
Stage 2:	From Depth (ft):	0	To Depth (ft):	601		
Type: Lead	Volume (sacks):	305	Volume (bbls):	107		
Cement & Additives:				Density (ppg)	Yield (ft³/sk)	Water Req.
100% 50:50:0(POZ Type III:GEL)+0.3% ASM-3+0.5% FL-17+2% FWC-2+0.1% C-20+0.25#/sx Cello Flake+0.2-GAL/100-SX CF-41L				12	1.97	10.62
Stage 3:	From Depth (ft):	601	To Depth (ft):	3549		
Type: Fill	Volume (sacks):	375	Volume (bbls):	131.6		
Cement & Additives:				Density (ppg)	Yield (ft³/sk)	Water Req.
100% 50:50:0(POZ Type III:GEL)+0.3% ASM-3+0.5% FL-17+2% FWC-2+0.1% C-20+0.2% C-49+0.25#/sx Cello Flake+0.2-GAL/100-SX CF-41L				12	1.97	10.64
Stage 4:	From Depth (ft):	3549	To Depth (ft):	14137		
Type: Tail	Volume (sacks):	1650	Volume (bbls):	432		
Cement & Additives:				Density (ppg)	Yield (ft³/sk)	Water Req.
100% 35.65:0(POZ G:GEL)+0.3% ASM-3+0.5% FL-17+0.2% C-49+0.1% C-20+0.25#/sx Cello Flake+0.2-GAL/100-SX CF-41L				13.5	1.47	7.38

SUMMARY

Preflushes:	30 bbls of	Mudflush	Calculated Displacement (bbl):	313	Stage 1	Stage 2
	30 bbls of	Visweep	Actual Displacement (bbl)	313		
	5 bbls of	Fresh Water				
Total Preflush/Spacer Volume (bbl):	65		Plug Bump (Y/N):	y	Bump Pressure (psi):	2500
Total Slurry Volume (bbl):	720.6		Lost Returns (Y/N):	n	(if Y, when)	
Total Fluid Pumped	1098.6					
Returns to Surface:	Cement	173 bbls				

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

Customer Representative Signature:

Thank You For Using

O - TEX Pumping

Job Date

FL1374

1/24/2017

Stat

County

Customer Representative

Phone _____

Chris

406,647.2110

Job Type

Man Hours

Production

API Number

05-123-41781-00

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

Displacement 313

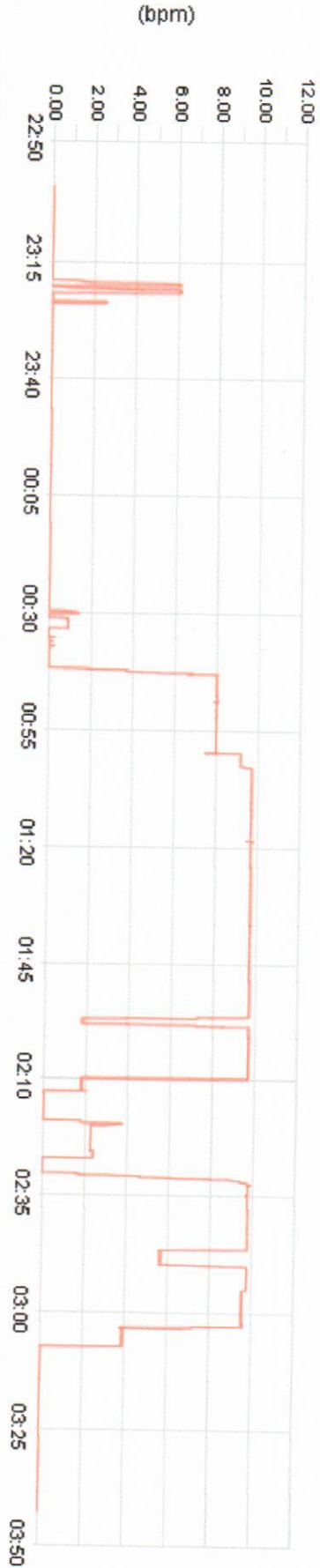
ANNULAR DATA

Surface 105.4 bbls Production 487bbls TOT 35488.8 TOF 601 TOL 0

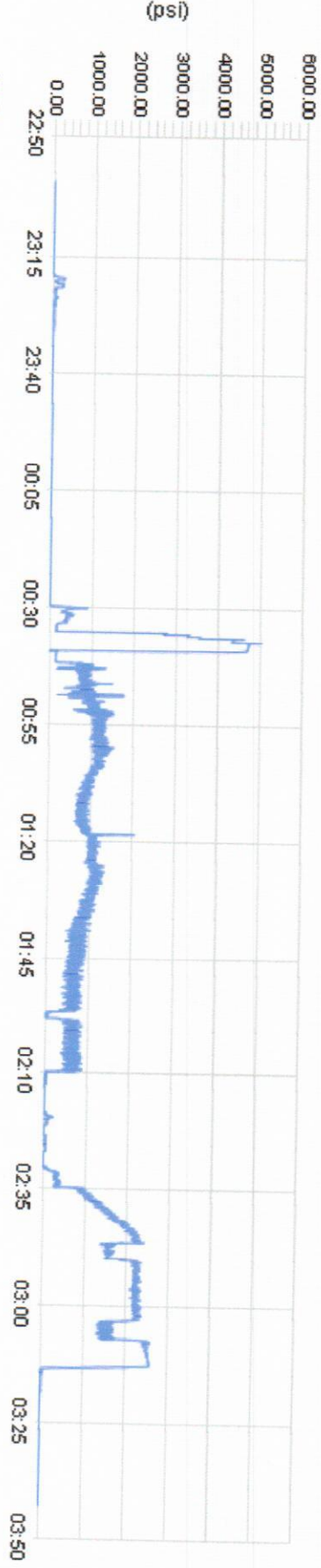
PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW

Client	Whiting Petroleum Corp	Client Rep	MR Mark	Supervisor	Kacey Laeger
Ticket No.	1374	Well Name	Horsetail 07F-1838	Unit No.	445052
Location	SE NW Sec 30-T10N-R57W	Job Type	Production Casing	Service District	Brighton
Comments		Job Date	01/23/2017		

Unit 445052 Rate Total



Unit 445052 Pump Pressure



Unit 445052 Density

