

COUNTY

COMPANY

CUSTOMER REP

Weld

Whiting Petroleum Corp.

Mr. Kyle Renton

WELL NAME

Horsetail 30E-3136

RIG

Unit 406

JOB TYPE

Production

SURFACE WELL LOCATION

NW SW Sec30:R10N:T57W

O-TEX Field Supervisor

Svoboda, Milo

EMPLOYEES

Payne, James

Davila, Isreal

Russell, Nick

WELL PROFILE

Max Treating Pressure (psi):

4000

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)
	8.5	2080	13927		5789
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)
Production	5.5	20	P-110	0	13908		
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):	0.00
Type: Scavenger		Volume (sacks):	105	Volume (bbls):	50
Cement:	1:1:0 'Poz:Type III'				
Additives:	0.3% ASM-3 + 0.5% FL-17 + 22 FWC-2 + 0.1% C-20 + 0.25lb/sk Celloflake				
	Density (ppg)	Yield (ft³/sk)	Water Req.		
	11	2.71	16.33		
Stage 2:		From Depth (ft):	0	To Depth (ft):	0.00
Type: Lead		Volume (sacks):	305	Volume (bbls):	107
Cement:	1:1:0 'Poz:Type III'				
Additives:	0.3% ASM-3 + 0.5% FL-17 + 2% FWC-2 + 0.1% C-20 + 0.1% C-20 + 0.25lb/sk Celloflake				
	Density (ppg)	Yield (ft³/sk)	Water Req.		
	12	1.97	10.8		
Stage 3:		From Depth (ft):	0	To Depth (ft):	3296.00
Type: Fill		Volume (sacks):	375	Volume (bbls):	132
Cement:	1:1:0 'Poz:Type III'				
Additives:	0.3% ASM-3 + 0.5% FL-17 + 2% FWC-2 + 0.1% C-20 + 0.2% C-49 + 0.25lb/sk Celloflake				
	Density (ppg)	Yield (ft³/sk)	Water Req.		
	12	1.97	10.82		
Stage 4:		From Depth (ft):	3296	To Depth (ft):	13908.00
Type: Tail		Volume (sacks):	1630	Volume (bbls):	433
Cement:	2:1:0 'Poz:G'				
Additives:	0.3% ASM-3 + 0.5% FL-17 + 0.2% C-49 + 0.1% C-20 + 0.25lb/sk Celloflake				
	Density (ppg)	Yield (ft³/sk)	Water Req.		
	13.5	1.49	7.46		

SUMMARY

Preflushes:	30 bbls of	Mudflush	Calculated Displacement (bbl):	308
	30 bbls of	Visweep	Actual Displacement (bbl)	308
	50 bbls of	Weighted Spacer	Plug Bump (Y/N):	Y
Total Preflush/Spacer Volume (bbl):	110		Bump Pressure (psi):	2100
Total Slurry Volume (bbl):	672		Lost Returns (Y/N):	N (if Y, when)
Total Fluid Pumped	1090			
Returns to Surface:	Cement	65 bbls		

Thank You For Using

O-TEX / Equipment and Personnel Report

O-Tex / Equipment and Personnel Report				Project Number		Job Date	
				FL1129		9/29/2016	
O-Tex Location				Customer		State	
Fort Lupton, Colorado 303-857-7948				Whiting Petroleum Corp.		County	
Lease Name		Well No.		O-Tex Field Supervisor		Weld	
Horsetail 30E-3136				Svoboda, Milo		Customer Representative	
Job Type		Man Hours		Mr. Kyle Renton		Phone	
Production		40				970-373-4341	

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

O-Tex Pumping

Client **Whiting**
 Ticket No. **1129**
 Location **NW SW Sec30:R10N:T57W**
 Comments **pump as per program**

Client Rep **Kyle Renton**
 Well Name **Horsetail 30E3136**
 Job Type **Production Casing**

Supervisor **Milo Svoboda**
 Unit No. **445052**
 Service District **Ft. Lupton**
 Job Date **09/29/2016**

