



JOB DATA & CALL SHEET

Ticket Number: FL1123

CALL OUT

Date: 09.23.2016
 Coordinator: Joyner, Barlen
 Supervisor: Doran, Ben

JOB INFORMATION

Energy Company:	Whiting Petroleum Corp.		
Company Address:	1700 Broadway, Suite. 2300		
City, State Zip	Denver, CO	80290	
Well Name:	Horsetail 30E-3104	Well County:	Weld
Surface Well Location:	SE SW Sec25:R10N:T58W	Well State:	CO
Rig Contractor:	Boss Unit	Rig #:	406
Call From:	Mr. Kyle Renton	Cell Phone:	970-373-4341
Job Type:	Production		
Service Point:	Fort Lupton, Colorado 303-857-7948	Mileage(Miles):	60

UNITS/PERSONNEL

Truck Unit/Description	Tractor Unit/Description	Employee	Employee
201400	449095 Iron	Doran, Ben	
749100	445046 SCM	Sandoval, Steven	
745024 Tractor	445024 SCM	Davila, Isreal	
201273 3/4 Ton	A&W Boost	Seniours, David	

WELL INFO

Job Type:	Production		
Open Hole Size:	in	From Depth: 0ft	To Depth: ft
Casing Size:	in	Casing Weight: lb/ft	From Depth: 0ft To Depth: ft

PRODUCTS

Stage 1:

Scavenger	105	sacks of	1:1:0 'Poz:Type III'	at	11 ppg	2.71 ft^3/sk	16.33 gal/sk
+ 0.3	%	ASM-3					
+ 0.5	%	FL-17					
+ 2	%	FWC-2					
+ 0.1	%	C-20					
+ 0.3	lb/sk	Celloflake					

Stage 2:

Lead	305	sacks of	1:1:0 'Poz:Type III'	at	12 ppg	1.97 ft^3/sk	10.8 gal/sk
+ 0.3	%	ASM-3					
+ 0.5	%	FL-17					
+ 2	%	FWC-2					
+ 0.1	%	C-20					
+ 0.3	lb/sk	Celloflake					

Stage3

Fill	375	sacks of	1:1:0 'Poz:Type III'	at	12 ppg	1.97 ft^3/sk	10.82 gal/sk
+ 0.3	%	ASM-3					
+ 0.5	%	FL-17					
+ 2	%	FWC-2					
+ 0.1	%	C-20					
+ 0.2	%	C-49					



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Stage4

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	+	0.3	lb/sk	Celloflake	<hr/>				
Tail		1970	sacks of	2:1:0 'Poz:G'	at	13.5	ppg	1.49	ft^3/sk
<hr/>									
	+	0.3	%	ASM-3	<hr/>				
	+	0.5	%	FL-17	<hr/>				
	+	0.2	%	C-49	<hr/>				
	+	0.1	%	C-20	<hr/>				
	+	0.3	lb/sk	Celloflake	<hr/>				

HAZARDS

PPE is your last line of defense
GG & Spotter when backing
5.5" Swedge / Plug (buttress)

SPECIAL INSTRUCTIONS OR MATERIALS

7.5 gals WS-30
150# SAPP
7.5 gal WG-1L
150# Sugar
2# Red Dye

DIRECTIONS TO WELL

Hwy 14 E to CR 129, N to CR 116, E to CR 133, S 3/4, E into



Job Summary

Ticket Number	Ticket Date
TN# FL1123	9/22/2016

COUNTY	COMPANY	CUSTOMER REP
Weld	Whiting Petroleum Corp.	Mr. Kyle Renton
WELL NAME	RIG	JOB TYPE
Horsetail 30E-3104	Boss Unit 406	Production
SURFACE WELL LOCATION	O-TEX Field Supervisor	
SE SW Sec25:R10N:T58W	Doran, Ben	
EMPLOYEES		
	Davila, Isreal	
Sandoval, Steven		
	Seniours, David	

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)
	8.5	2103	13827		
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	2103		
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	13824		
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'	Density (ppg)	Yield (ft ³ /sk)	Water Req.
Additives:	0.3% ASM-3 + 0.5% FL-17 + 22 FWC-2 + 0.1% C-20 + 0.25lb/sk Celloflake	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'	Density (ppg)	Yield (ft ³ /sk)	Water Req.
Additives:	0.3% ASM-3 + 0.5% FL-17 + 2% FWC-2 + 0.1% C-20 + 0.1% C-20 + 0.25lb/sk Celloflake	12	1.97	10.8
Stage 3:	From Depth (ft):	0	To Depth (ft):	3227.00
Type: Fill	Volume (sacks):	375	Volume (bbls)	131.6
Cement:	1:1:0 'Poz:Type III'	Density (ppg)	Yield (ft ³ /sk)	Water Req.
Additives:	0.3% ASM-3 + 0.5% FL-17 + 2% FWC-2 + 0.1% C-20 + 0.2% C-49 + 0.25lb/sk Celloflake	12	1.97	10.82
Stage 4:	From Depth (ft):	3227	To Depth (ft):	13827.00
Type: Tail	Volume (sacks):	1630	Volume (bbls)	432.5
Cement:	2:1:0 'Poz:G'	Density (ppg)	Yield (ft ³ /sk)	Water Req.
Additives:	0.3% ASM-3 + 0.5% FL-17 + 0.2% C-49 + 0.1% C-20 + 0.25lb/sk Celloflake	13.5	1.49	7.46

SUMMARY

Preflushes:	30 bbls of Mudflush	Calculated Displacement (bbl):	306
	30 bbls of Visweep	Actual Displacement (bbl)	306
	10 bbls of Fresh Water	Plug Bump (Y/N):	y Bump Pressure (psi): 3000
Total Preflush/Spacer Volume (bbl):	70	Lost Returns (Y/N):	n (if Y, when)
Total Slurry Volume (bbl):			
Total Fluid Pumped	376		
Returns to Surface:	Cement 50 bbls		

Thank You For Using

O - TEX Pumping

Customer Representative Signature:

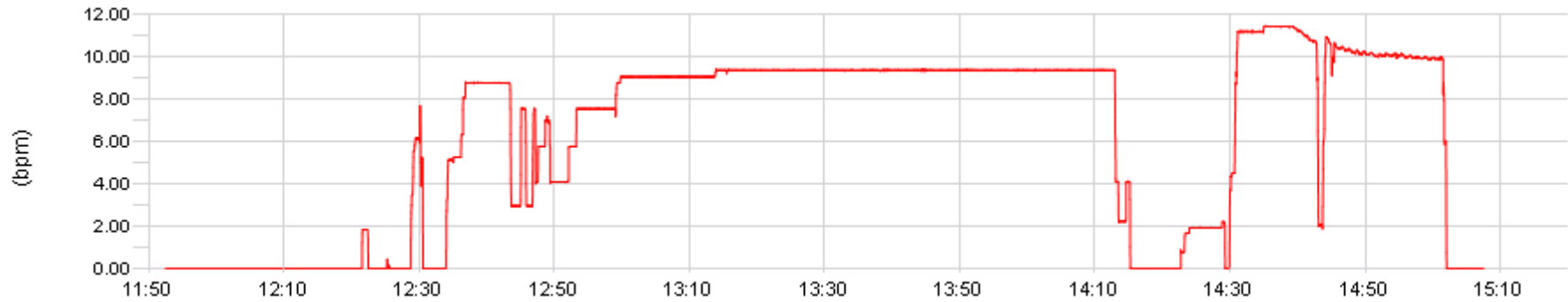
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Client Whiting
Ticket No. 1123
Location SE SW Sec25:T10N:R58W
Comments Pump job as designed

Client Rep Kyle Renton
Well Name Horsetail 30E-3104
Job Type Production Casing

Supervisor Ben Doran
Unit No. 445046
Service District FT Lupton
Job Date 09/23/2016

Unit 445046 Rate Total



Unit 445046 Pump Pressure



Unit 445046 Density

