

Job Summary

Ticket Number: FL1017 Ticket Date: 7/3/2016
 TN#: FL1017

COUNTY	COMPANY	CUSTOMER REP
Weld	Whiting Petroleum Corp.	Kenny Ray
WELL NAME	RIG	JOB TYPE
Horsetail 08B-1711	Boss Unit 409	Surface
SURFACE WELL LOCATION		O-TEX Field Supervisor
SW NE Sec8:R10N:T57W		Hall, Andy
EMPLOYEES		
<i>Cody Bushnell</i>	<i>Peterson, Ryan</i>	
<i>Devine, Rich</i>		

WELL PROFILE

Max Treating Pressure (psi):	Bottom Hole Static Temperature (°F):
Bottom Hole Circulating Temperature (°F):	Well Type: <u>Oil</u>

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	<u>13.5</u>	<u>0</u>	<u>2030</u>		
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	<u>9.625</u>	<u>36</u>	<u>J-55</u>	<u>0</u>	<u>2015.6</u>		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	<u>5.5</u>	<u>20</u>	<u>P-110</u>				
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): 1300.00
 Type: **Lead**
 Volume (sacks): 340 Volume (bbls) 149

Cement:	<u>Control Set 'C'</u>	Density (ppg)	<u>12</u>	Yield (ft ³ /sk)	<u>2.46</u>	Water Req.	<u>14.52</u>
Additives:	<u>0.25lb/sk LCL-7 + 0.01gal/bbl CDF-3L + 2% Gypsum + 2% SMS + 2% CaCl2</u>						

Stage 2: From Depth (ft): 1300 To Depth (ft): 2015.00
 Type: **Tail**
 Volume (sacks): 325 Volume (bbls) 84.5

Cement:	<u>Type III Cement</u>	Density (ppg)	<u>14.2</u>	Yield (ft ³ /sk)	<u>1.46</u>	Water Req.	<u>7.36</u>
Additives:	<u>2% CaCl2 + 0.25lb/sk LCL-7 + 0.01% CDF-3L</u>						

Stage 3: From Depth (ft): To Depth (ft):
 Type: **Top-Off**
 Volume (sacks): 100 Volume (bbls)

Cement:	<u>Type III Cement</u>	Density (ppg)	<u>14.8</u>	Yield (ft ³ /sk)	<u>1.33</u>	Water Req.	<u>6.34</u>
Additives:	<u>2% CaCl2</u>						

Stage 4: From Depth (ft): To Depth (ft):
 Type:
 Volume (sacks): Volume (bbls)

Cement:	<u> </u>	Density (ppg)	<u> </u>	Yield (ft ³ /sk)	<u> </u>	Water Req.	<u> </u>
Additives:	<u> </u>						

SUMMARY

Preflushes:	<u>30</u> bbls of <u>Fresh Water</u>	Calculated Displacement (bbl):	<u>155.75</u>
	<u> </u> bbls of <u> </u>	Actual Displacement (bbl)	<u> </u>
	<u> </u> bbls of <u> </u>	Plug Bump (Y/N):	<u>y</u> Bump Pressure (psi): <u> </u>
Total Preflush/Spacer Volume (bbl):	<u>30</u>	Lost Returns (Y/N):	<u>n</u> (if Y, when) <u> </u>
Total Slurry Volume (bbl):	<u>233.5</u>		<u> </u> bbl
Total Fluid Pumped	<u>263.5</u>		
Returns to Surface (bbl):	<u> </u> bbls		

Customer Representative Signature

Thank You For Using
O - TEX Pumping

