



5.5" Monobore

Cement Post Job Report

Prepared For: Mr. Chad Fitzgerald
Prepared Date: 12/20/2016
Job Date: 12/18/2016

Whiting Petroleum Corp.
Horsetail 30G-3144
Weld County, Colorado

Prepared By: Matt Spirek
Phone: (701) 339-2766
Email: matt.spirek@otexpumping.com



Job Summary

Ticket Number	Ticket Date
TN# FL1327	12/18/2016

COUNTY	COMPANY	API Number
Weld	Whiting Petroleum Corp.	05-123-40723
WELL NAME	RIG	JOB TYPE
Horsetail 30G-3144	Unit 406	Monobore
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
0	Laeger, Kacey	Mr. Kyle Renton

EMPLOYEES		
Hall, Andy	Joyner, Barlen	
Hall, Conner		
Devine, Rich		

WELL PROFILE			
Max Treating Pressure (psi):	3500	Bottom Hole Static Temperature (°F):	210
Bottom Hole Circulating Temperature (°F):	210	Well Type:	Oil

Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	8.5	2087	13816		
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	2087	0	2087
Production	5.5	20	P-110	0	13776	0	5400

CEMENT DATA

Stage 1:	From Depth (ft):	0	To Depth (ft):	0
Type: Scavenger	Volume (sacks):	105	Volume (bbls):	50.7
Cement & Additives:				
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				
	Density (ppg)	11	Yield (ft³/sk)	2.66
	Water Req.			16.07

Stage 2:	From Depth (ft):	0	To Depth (ft):	0
Type: Lead	Volume (sacks):	305	Volume (bbls):	107
Cement & Additives:				
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				
	Density (ppg)	12	Yield (ft³/sk)	1.94
	Water Req.			10.63

Stage 3:	From Depth (ft):	0	To Depth (ft):	3179
Type: Fill	Volume (sacks):	375	Volume (bbls):	132
Cement & Additives:				
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				
	Density (ppg)	12	Yield (ft³/sk)	1.94
	Water Req.			10.65

Stage 4:	From Depth (ft):	13776	To Depth (ft):	3179.00
Type: Tail	Volume (sacks):	1635	Volume (bbls):	434
Cement & Additives:				
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				
	Density (ppg)	13.5	Yield (ft³/sk)	1.47
	Water Req.			7.38

SUMMARY

Preflushes:	30 bbls of Mudflush	Calculated Displacement (bbl):	305.9	Stage 1	Stage 2
	30 bbls of Visweep	Actual Displacement (bbl)	305		
	10 bbls of Fresh Water				
Total Preflush/Spacer Volume (bbl):	70	Plug Bump (Y/N):	Y	Bump Pressure (psi):	1514
Total Slurry Volume (bbl):	727	Lost Returns (Y/N):	N	(if Y, when)	N/A
Total Fluid Pumped	1102				
Returns to Surface:	Cement 80 bbls				

Job Notes (fluids pumped / procedures / tools / etc.): Both O-Tex pumps froze on initial prime-up / had to thaw out pumps in -6 degree temps.

Customer Representative Signature: _____ **Thank You For Using O - TEX Pumping**



CEMENTING JOB LOG

Project Number	FL1327	Job Date	12/18/2016
State	Colorado	County	Weld
Customer Representative	Mr. Kyle Renton	Phone	970-373-4341
API Number	05-123-40723		

O-Tex Location	Brighton, Colorado 303-857-7948	Customer	Whiting Petroleum Corp.
Lease Name	Horsetail 30G-3144	O-Tex Field Supervisor	Laeger, Kacey
Well No.		Job Type	Monobore
Man Hours	80		

**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.**

DATE	TIME	VOLUME	RATE	PRESS		JOB PROCEDURES
				CSG	Tbg.	
12/17/2016	12:00					Arrive on location (requested 12:00)
12/17/2016	12:10					Rig in
12/17/2016	13:05					Wait on rig to run casing
12/17/2016	18:20					Safety meeting
12/17/2016	18:30					Both pumps froze during prime-up / thaw out pumps
12/17/2016	22:13					Fill lines
12/17/2016	22:13			4800		Pressure test
12/17/2016	22:14	30	bbl	5.00	750	Mudflush spacer
12/17/2016	22:20	30	bbl	5.00	800	Visweep spacer
12/17/2016	22:25	51	bbl	8.20	200	Scavenger cement
12/17/2016	22:34	106	bbl	8.30	440	Lead cement
12/17/2016	22:47	130	bbl	8.10	700	Fill Cement
12/17/2016	23:04	440	bbl	8.00	500	Tail cement
12/18/2016	1:35					Stop
12/18/2016	1:36					Wash up lines
12/18/2016	1:37					Drop plug
12/18/2016	1:37	285	bbl	8.50	320	Displacement
12/18/2016	1:41	20	bbl	3.60	1481	Drop rate
12/18/2016	2:33	305	bbl	3.60	1514	Bump plug
12/18/2016	2:41				2546	Plug down at 305bbbls
12/18/2016	2:42					Check floats
12/18/2016	2:45					Rig out
12/18/2016	3:30					Job complete
12/18/2016	3:45					Leave location

JOB CALCULATIONS

CASING DATA

ANNULAR DATA

PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW

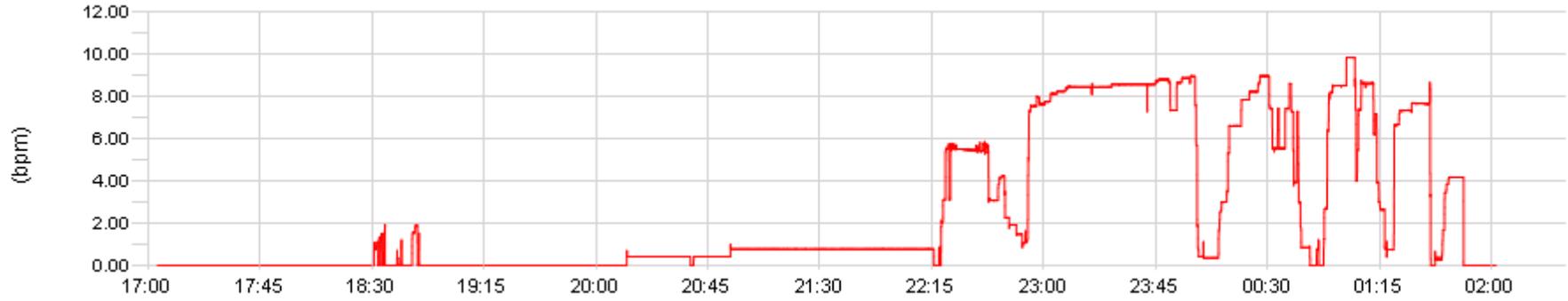
O-TEX
PUMPING, LLC

Client Whiting
Ticket No. 1327
Location SW NE 30:10N:57W
Comments

Client Rep Kyle Renton
Well Name Horsetail 30G-3144
Job Type Production Casing

Supervisor B. Joyner
Unit No. 445047
Service District Brighton
Job Date 12/17/2016

Unit 445047 Rate Total



Unit 445047 Pump Pressure



Unit 445047 Density

