



Job Summary

Ticket Number

TN#

FL3625

Ticket

Date

4/23/2018

COUNTY	COMPANY	API Number
Weld	Noble Energy Inc.	05-123-25080
WELL NAME	RIG	JOB TYPE
Burbach 15-23	TEC #20	Balanced Plugs
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
SWNW 15 6N66W	Joyner, Barlen	Chris Mathias

EMPLOYEES

McFarland, James		
Courtney, Brad		

WELL PROFILE

Max Treating Pressure (psi):	1500	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)
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	2.375	4.7		0	7166		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6		0	7166		
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):	6645	To Depth (ft):	7166	
	Type: Nio Plug				
	Volume (sacks):	30	Volume (bbls):	8.1	
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.
100% Thermal 35+0.3% ASM-3+0.3% CFR-2			15.8	1.52	6.25

Stage 2:	From Depth (ft):	2172	To Depth (ft):	2500	
Type: Balance Plug	Volume (sacks):	25	Volume (bbls):	5.1	
Cement & Additives:			Density (ppg)	Yield (ft^3/sk)	Water Req.
100% Class G			15.8	1.15	5.00

Stage 3:	From Depth (ft):	0	To Depth (ft):	90	
	Type: Top Plug				
	Volume (sacks):	73	Volume (bbls):	15	
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.
100% Class G			15.8	1.15	5.00

Stage 4:

From Depth (ft):

0

To Depth (ft):

31

Type: Top-out

Volume (sacks):

10

Volume (bbls):

2

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Re
100% Class G	15.8	1.15	5.00

SUMMARY

Preflushes:	20 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of		Actual Displacement (bbl):	25.5	8.2
	bbls of			25.8	8.4
Total Preflush/Spacer Volume (bbl):	20		Plug Bump (Y/N):	N/A	Bump Pressure (psi): N/A
Total Slurry Volume (bbl):	28.7		Lost Returns (Y/N):	N	(if Y, when) N/A
Total Fluid Pumped	82.9				
Returns to Surface:	Cement	1 bbls			

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

See job log.

Customer Representative Signature:

Thank You For Using
O-TEX Cementing