



Job Summary

Ticket Number

TN#

FL1789

Ticket Date

5.23.17

COUNTY

COMPANY

API Number

Weld

Noble Energy Inc.

05-123-07275

WELL NAME

RIG

JOB TYPE

State 1-16 A

Ensign 313

Top Plug

SURFACE WELL LOCATION

O-TEX Field Supervisor

CUSTOMER REP

SE SE 16 9N 59W

Doran, Ben

Jim McCoy

EMPLOYEES

Payne, James

Peterson, Ryan

WELL PROFILE

Max Treating Pressure (psi):

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)
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10

230

294

2	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
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Casing/Tubing/Drill Pipe

Type

Size (in)

Weight (lb/ft)

Grade

1

TMD to (ft)

TVD From (Ft)

TVD to (Ft)

Surface

9.625

10:41:00 AM

J-55

0

230

Type

Size (in)

11:15:00 AM

Grade

15

TMD to (ft)

TVD From (Ft)

TVD to (Ft)

Tubing

2.875

11:35:00 AM

J-55

0

294

Type

Size (in)

12:00:00 PM

Grade

TMD From (ft)

TMD to (ft)

TVD From (Ft)

TVD to (Ft)

CEMENT DATA

Stage 1:

From Depth (ft):

0

To Depth (ft):

294

Type: Plug 1

Volume (sacks):

205

Volume (bbls):

42

Cement & Additives:

Density (ppg)

Yield (ft³/sk)

Water Req.

100% Class G

15.8

1.15

5.00

Stage 2:

From Depth (ft):

0

13

Type: Top Off

Volume (sacks):

15

Volume (bbls):

3

Cement & Additives:

Density (ppg)

Yield (ft³/sk)

Water Req.

100% Class G

15.8

1.15

5.00

SUMMARY

Preflushes:

10 bbls of

Fresh Water

bbls of

bbls of

Calculated Displacement (bbl):

Actual Displacement (bbl):

Stage 1

Stage 2

Total Preflush/Spacer Volume (bbl):

10

Plug Bump (Y/N):

Bump Pressure (psi):

Total Slurry Volume (bbl):

Lost Returns (Y/N):

(if Y, when)

Total Fluid Pumped

10

Returns to Surface:

Cement

1 bbls

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

Had 4 BBL (20SX) of cement mixed on truck for top off.

Thank You For Using

O - TEX Pumping

Customer Representative Signature:



Job Summary

Ticket Number

TN#

FL1776

Ticket Date

5/22/2017

COUNTY	COMPANY	API Number
Weld	Noble Energy Inc.	05-123-07275
WELL NAME	RIG	JOB TYPE
State 1-16 A	Ensign 313	2x Plug
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
SE SE 16 9N 59W	Maguire, Matthew	Jim McCoy

EMPLOYEES

	Watkins, Robert	
Svoboda, Milo		
	Field, Tony	

WELL PROFILE

Max Treating Pressure (psi):		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)
	10				
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	230		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	7.75	40	P-110	0	3010		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.875	6.5	J-55	0	3006		

CEMENT DATA

Stage 1:	From Depth (ft):	3006	To Depth (ft):	2640
Type: Plug 1	Volume (sacks):	100	Volume (bbls):	20.5

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

Stage 2:	From Depth (ft):	990	To Depth (ft):	
Type: Plug 2	Volume (sacks):	450	Volume (bbls):	92.2

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

SUMMARY

	Stage 1	Stage 2
Preflushes:		
10 bbls of Fresh Water		
bbls of		
bbls of		
Total Preflush/Spacer Volume (bbl):	10	
Total Slurry Volume (bbl):	112.7	
Total Fluid Pumped	122.7	
Returns to Surface:		bbls

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

Unsure of top of cement on second plug. Should have had cement back to surface.

Thank You For Using

O - TEX Pumping

Customer Representative Signature: