C&J ENERGY SERVICES O-TEX CEMENTING

Job Summary

Ticket Number		Ticket Date
TN#	FL2738	12/7/2017

COUNTY	COMPANY	API Number
Weld	**Noble Energy Inc.**	**05-123-25883**
WELL NAME	**RIG**	**JOB TYPE**
Wells Ranch USX AA 35-08	**Rannger # 21**	**Balance Plug**
SURFACE WELL LOCATION	**O-TEX Field Supervisor**	**CUSTOMER REP**
SENE 35-6N-63W	**Scott, Derek**	**Eric Peterson**

EMPLOYEES

Coral-Flores, Francisco		
Abdi, Aden	*Watkins, Robert*	

WELL PROFILE

Max Treating Pressure (psi):	1500	Bottom Hole Static Temperature (°F):	0
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

Open Hole

	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
1					
2					

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		0	2520		
Production	4.5	11.6		0	2520		

CEMENT DATA

Stage 1:
Type: **Plug**

From Depth (ft): 2191 To Depth (ft): 2520

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

SUMMARY

			Stage 1	Stage 2
Preflushes:	5 bbls of	Fresh Water	Calculated Displacement (bbl):	8.3	
	bbls of		Actual Displacement (bbl):	8.3	
	bbls of				

TotalPreflush/Spacer Volume (bbl): 5
Total Slurry Volume (bbl): 5.1
Total Fluid Pumped 18.4
Returns to Surface: Cement 0 bbls

Plug Bump (Y/N): N/A Bump Pressure (psi): N/A
Lost Returns (Y/N): N (if Y, when)

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

Customer Representative Signature:

Thank You For Using O-TEX Cementing

C&J ENERGY SERVICES — O-TEX CEMENTING

CEMENTING JOB LOG

Project Number	Job Date
FL2738	12/7/2017

O-Tex Location	Customer	State	County
Brighton, Colorado 303-857-7948	Noble Energy Inc.	Colorado	Weld

Lease Name	Well No.	O-Tex Field Supervisor	Customer Representative	Phone
Wells Ranch USX AA 35-08		Scott, Derek	Eric Peterson	720-966-0691

Job Type	Man Hours	API Number
Balance Plug	12	05-123-25883

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 CSG	PRESS Tbg.	JOB PROCEDURES
12/7/2017	7:20						Arrive on location
12/7/2017	7:25						Tailgate meeting
12/7/2017	7:35						Spot trucks/Rig in
12/7/2017	9:10						Saftey meeting
12/7/2017	9:19	1	bbl	1.50		150	Fill lines
12/7/2017	9:21					2600	Pressure test
12/7/2017	9:23	7	bbl	0.50		10	Establish circulation/Fresh ahead
12/7/2017	9:36	5.1	bbl	1.50		35	Pump 25sx neat G @ 15.8ppg 1.15yield
12/7/2017	9:41	8.3	bbl	2.00		10	Displace
12/7/2017	9:45						Stop/Open return to balance
12/7/2017	10:00						Drive over to another well and top it off
12/7/2017	10:13	3.9	bbl	0.50		10	Top off well with 20sx G neat @ 15.8ppg
12/7/2017	10:16						Stop
12/7/2017	10:20						Drive back to original well
12/7/2017	10:30						Wash up
12/7/2017	11:00						Rig down
12/7/2017	10:15						Pre-departure meeting
12/7/2017	11:20						Leave location

JOB CALCULATIONS

CASING DATA

ANNULAR DATA

PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW

C&J ENERGY SERVICES — O-TEX CEMENTING

Job Summary

Ticket Number		Ticket Date
TN#	FL2752	12/8/2017

COUNTY	COMPANY	API Number
Weld	Noble Energy Inc.	05-123-25883
WELL NAME	**RIG**	**JOB TYPE**
Wells Ranch USX AA 35-08	Ranger #21	Balanced Plug #2
SURFACE WELL LOCATION	**O-TEX Field Supervisor**	**CUSTOMER REP**
SENE 35-6N-63W	Kopp, Jeff	Eric Peterson

EMPLOYEES

Clark, John		
Peterson, Roger		

WELL PROFILE

Max Treating Pressure (psi):	500	Bottom Hole Static Temperature (°F):	0
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

Open Hole

	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
1	6 1/8	200	0		
2					

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Surface	7	17	J-55	800	0		
Tubing	2.375	4.7	P-110	1051	0		

CEMENT DATA

Stage 1: Type: **Plug**

From Depth (ft): 1051 To Depth (ft): 0

Volume (sacks): 312 Volume (bbls): 64

Cement & Additives:	Density (ppg)	Yield (ft^3/sk)	Water Req.
100% Class G	15.8	1.15	5.00

SUMMARY

			Stage 1	Stage 2
Preflushes:	5 bbls of	Fresh Water	Calculated Displacement (bbl):	
	10 bbls of	SAPP	Actual Displacement (bbl):	
	5 bbls of	Fresh Water		

TotalPreflush/Spacer Volume (bbl): 20

Total Slurry Volume (bbl): 59

Total Fluid Pumped: 79

Plug Bump (Y/N): N/A Bump Pressure (psi): N/A

Lost Returns (Y/N): N (if Y, when)

Returns to Surface: Cement 1 bbls

Job Notes (fluids pumped / procedures / tools / etc.): Job pumped per customers request. Job went well. Mix and pumped 288sxs to bring to surface. Topped well off with 24sxs

Customer Representative Signature:

Thank You For Using O-TEX Cementing

C&J ENERGY SERVICES — O-TEX CEMENTING

CEMENTING JOB LOG

Project Number	Job Date
FL2752	12/8/2017

O-Tex Location	Customer	State	County
Brighton, Colorado 303-857-7948	Noble Energy Inc.	Colorado	Weld

Lease Name	Well No.	O-Tex Field Supervisor	Customer Representative	Phone
Wells Ranch USX AA 35-08		Kopp, Jeff	Eric Peterson	720-966-0691

Job Type	Man Hours	API Number
Balanced Plug #2	12	05-123-25883

USE THIS FORM TO NOTE ANY ISSUES ENCOUNTERED WITH THE PERFORMANCE OF THIS JOB.
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DATE	TIME	VOLUME	RATE	PRESS CSG	PRESS Tbg.	JOB PROCEDURES
12/8/2017	8:45					Arrive on location
12/8/2017	8:50					Tailgate Meeting
12/8/2017	8:55					Spot equipment
12/8/2017	9:05					Rig in
12/8/2017	9:30					Wait on rig to pull casing and run tubing
12/8/2017	10:15					Safety meeting
12/8/2017	10:29	1 bbl	1.50		7	Fill lines
12/8/2017	10:30				1530	Pressure test
12/8/2017	10:33	5 bbl	3.00		119	Fresh
12/8/2017	10:35	10 bbl	3.60		216	SAPP
12/8/2017	10:38	5 bbl	1.00		4	Fresh
12/8/2017	10:42	59 bbl	3.50		222	Mix and pump 288sxs @15.8ppg 1.15Y 5.0WR
12/8/2017	11:09					Shut down
12/8/2017	11:12					Wait on rig to pull tubing
12/8/2017	11:37	5 bbl	0.50		0	Top off well with 24sxs @15.8ppg
12/8/2017	11:49					Shut down
12/8/2017	11:51					Wash up pumps and lines
12/8/2017	12:30					Rig out
12/8/2017	13:00					Leave location

JOB CALCULATIONS

5bbls fresh
10blls SAPP
5bbls fresh
Mix and pump 288sxs @15.8ppg for 59bbls to bring to surface
Brought cement to surface
Topped well off with 24sxs for 5bbls

CASING DATA

2 3/8 4.7# @1051ft
7in 17# @800ft

ANNULAR DATA

6 1/8 OH from 200ft

PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW

C&J ENERGY SERVICES — O-TEX CEMENTING

Job Summary

Ticket Number	Set Date
TN# FL2782	12/12/2017

COUNTY	COMPANY	API Number
Weld	Noble Energy Inc.	
WELL NAME	**RIG**	**JOB TYPE**
Wells Ranch USX AA 35-08	Ranger #21	Balance Plug
SURFACE WELL LOCATION	**O-TEX Field Supervisor**	**CUSTOMER REP**
	Laeger, Kacey	Eric Peterson

EMPLOYEES

Field, Tony
Roark, Kenneth

WELL PROFILE

Max Treating Pressure (psi):		Bottom Hole Static Temperature (°F):	0
Bottom Hole Circulating Temperature (°F):		Well Type:	Oil

Open Hole

	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
1					
2					

Casing/Tubing/Drill Pipe

Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	7	17	P-110	0	157		

CEMENT DATA

Stage 1:
Type: **Balance Plug**

From Depth (ft): 0 To Depth (ft): 157

Volume (sacks): 32 Volume (bbls): 6.5

Cement & Additives:	Density (ppg)	Yield (ft^3/sk)	Water Req.
100% Class G	15.8	1.15	5.00

SUMMARY

	Stage 1	Stage 2
Preflushes: _____ bbls of		
_____ bbls of		
_____ bbls of		
Calculated Displacement (bbl):		
Actual Displacement (bbl):		
TotalPreflush/Spacer Volume (bbl):		
Total Slurry Volume (bbl):	6.5	
Total Fluid Pumped	6.5	
Returns to Surface:		

Plug Bump (Y/N): NA Bump Pressure (psi): na

Lost Returns (Y/N): N (if Y, when)

Returns to Surface: _____ bbls

Job Notes (fluids pumped / procedures / tools / etc.): Mix up 8bbls only use 6.5bbls

Customer Representative Signature: _____

Thank You For Using O-TEX Cementing

C&J ENERGY SERVICES
O-TEX CEMENTING

CEMENTING JOB LOG

Project Number	Job Date
FL2782	12/12/2017

O-Tex Location	Customer	State	County
Brighton, Colorado 303-857-7948	Noble Energy Inc.	CO	Weld

Lease Name	Well No.	O-Tex Field Supervisor	Customer Representative	Phone
Wells Ranch USX AA 35-08		Laeger, Kacey	Eric Peterson	720-966-0691

Job Type	Man Hours	API Number
Balance Plug	3	05-123-25079

USE THIS FORM TO NOTE ANY ISSUES ENCOUNTERED WITH THE PERFORMANCE OF THIS JOB.
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DATE	TIME	VOLUME	RATE	PRESS CSG	PRESS Tbg.	JOB PROCEDURES
12/12/2017	11:20					Arrive on location
12/12/2017	11:25					Safty meeting
12/12/2017	11:28	6.5 bbl	0.50		20	Top Out well 32Sks
12/12/2017	11:43					Wash up
12/12/2017	11:55					Job complete
12/12/2017	12:00					Leave Location

JOB CALCULATIONS

Mix 32sks 6.5bbls bring cement to surface

CASING DATA

7 17# 0-157

ANNULAR DATA

PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW