NexTier Job Summary

Ticket Number	Ticket Date
TN# BCO-2010-0009	10/12/2020

COUNTY	COMPANY	API Number
WELD (CO)	NOBLE ENERGY	512318637
WELL NAME	**RIG**	**JOB TYPE**
FOOS 1-16I4	Rigless	CM-P2A-TEMP
SURFACE WELL LOCATION	**CJES Field Supervisor**	**CUSTOMER REP**
40.33691 104.49318	Anthony Staples	Tyson Hamacher

EMPLOYEES

JIMMY		
WINSTON		
TROY		

WELL PROFILE

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

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	4.5	11.6		0	7399	0	7399
TUBING	2.375	4.7		0	7114	0	7114

CEMENT DATA

Stage 1: Type: **QUARTZPACK**
From Depth (ft): 7212 To Depth (ft): 7107
Volume (sacks): Volume (bbls): 3

Cement & Additives:	Density (ppg)	Yield (ft^3/sk)	Water Req.
QUARTZPACK PLUG			

Stage 2: Type:
From Depth (ft): To Depth (ft):
Volume (sacks): Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft^3/sk)	Water Req.

Stage 3: Type:
From Depth (ft): To Depth (ft):
Volume (sacks): Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft^3/sk)	Water Req.

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

Cement & Additives:	Density (ppg)	Yield (ft^3/sk)	Water Req.

SUMMARY

				Stage 1	Stage 2
Preflushes:	40 bbls of	Fresh Water	Calculated Displacement (bbl):	27.1	
	80 bbls of	Fresh Water	Actual Displacement (bbl):	27.1	
	bbls of				
TotalPreflush/Spacer Volume (bbl):		115	Plug Bump (Y/N):		Bump Pressure (psi):
Total Slurry Volume (bbl):		3	Lost Returns (Y/N):	N	(if Y, when)
Total Fluid Pumped		169.1			
Returns to Surface:			bbls		

uartzpack

Pump 35 bbls H20 Down the Tubing, followed by 80 bbls down the Casing swap back to tubing and pump 5 bbls H2O followed by 3 bbls of Quartzpack and Displace it with 27.1 bbls of H2O. Calculated Quartzpack plug is from 7212 ft to 7107 ft. Loaded hole with 19 bbls and pressured up to 500 psi for 15 min. Bleed off psi and rig out.

Customer Representative Signature:

Thank You For Using
NexTier Completion Solutions

Cement Job Log

NEXTIER

Customer:	NOBLE ENERGY		**Date:**	12-Oct-20	**Serv. Supervisor:**	Anthony Staples	
Cust. Rep.:	Tyson Hamacher		**Ticket #:**	BCO-2010-0009	**Serv. Center:**	Brighton - 3021	
Well Name:	FOOS 1-16I4	**RTS Date:** 12-Oct-2020	**API Well #:**	512318637	**County:**	WELD (CO)	**State:** COLORA
Well Type:	Oil	**RTS Time:** 8:45 AM	**Rig:**	Rigless	**Type of Job:**	CM-P2A-TEMP	

	Date	Time		Date	Time		Date	Time
Left Yard:	12-Oct-20	7:28 AM	**Left Loc.:**	12-Oct-20	**2:15 PM**	**Start Pump:**	12-Oct-20	11:10 AM
Arrived Loc.:	12-Oct-20	**8:45 AM**	**Returned Yd.:**	12-Oct-20	3:30 PM	**End Pump:**	12-Oct-20	1:37 PM

TIME Note: Red boxes indicate bad values!	Rate (bbl/min)	Csg. Press. (psi)	Tbg. Press (psi)	Ann. Press. (psi)	Stg. Vol. (bbl)	Cum. Vol. (bbl)	Stage Num. Stage #	**Stage Details**
7:28 AM								Left Yard or Current Location
8:45 AM							1	ARRIVE ON LOCATION
8:45 AM							1	SPOT EQUIPMENT
9:00 AM							1	PRE-RIG UP SAFETY MEETING
9:15 AM							1	RIG UP
11:00 AM							1	PRE-JOB SAFETY MEETING
11:10 AM							1	LOAD LINES
11:11 AM		2400					1	PRESSURE TEST
11:14 AM	2.0		930		35.0 bbl	35.0 bbl	1	PUMPING DOWN THE TUBING
11:33 AM	3.0	102			80.0 bbl	115.0 bbl	1	PUMPING DOWN THE CASING
12:12 PM	1.8		700		5.0 bbl	120.0 bbl	1	PUMPING DOWN THE TUBING
12:14 PM	1.3		442		3.0 bbl	123.0 bbl	1	PUMPING QUARTZPACK
12:20 PM	1.5		730		27.1 bbl	150.1 bbl	1	DISPLACEMENT (CALCULATED PLUG 7212 FT TO 7107 FT)
12:34 PM							1	SHUTDOWN
1:10 PM	2.2	500			19.0 bbl	169.1 bbl	1	LOAD HOLE
1:15 PM							1	BLEED OFF
1:21 PM		498					1	PRESSURE TEST
1:26 PM		540					1	5 MIN
1:31 PM		578					1	10 MIN
1:36 PM		621					1	15 MIN
1:37 PM							1	BLEED OFF
1:40 PM							1	RIG OUT
2:15 PM							1	LEAVE LOCATION