

COUNTY	COMPANY	API Number
Weld	Ensign Drilling	05-123-2024
WELL NAME	RIG	JOB TYPE
Bird K-20-02	312	Balanced Plug
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
Sec20:T4N:R66W	Klosterman, Austin	Jeremy Snyder

EMPLOYEES
Jon V
Payne, James

## 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)
Tubing	2.375	4.7	J-55	0	7194		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6	P-110	0	7194		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

## CEMENT DATA

Stage 1:

Type: **Balance Plug**

From Depth (ft):

7194

To Depth (ft):

6742

Volume (sacks):

35

Volume (bbls):

7

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

Stage 2:

Type: Plug

From Depth (ft):

2140

To Depth (ft):

2011

Volume (sacks):

200

Volume (bbls):

41

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

## SUMMARY

Preflushes:	5 bbls of	Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	10 bbls of	Mudflush	Actual Displacement (bbl)	26	7
	bbls of			26	7
Total Preflush/Spacer Volume (bbl):	15		Plug Bump (Y/N):	n/a	Bump Pressure (psi): n/a
Total Slurry Volume (bbl):	48		Lost Returns (Y/N):	n/a	(if Y, when)
Total Fluid Pumped	96				
Returns to Surface:		0 bbls			

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

Job went according to program and customer's request. Job went well.

Thank You For Using  
O - TEX Pumping

Customer Representative Signature:



# Job Summary

Ticket Number

TN#

FL1428

Ticket Date

2/8/2017

COUNTY	COMPANY	API Number
<b>Weld</b>	<b>Ensign Drilling</b>	<b>05-123-20201</b>
WELL NAME	RIG	JOB TYPE
<b>Bird K20-02</b>	<b>Ensign 312</b>	<b>Top Out</b>
SURFACE WELL LOCATION	O-TEX Field Supervisor	CUSTOMER REP
<b>NWNE 20 4N 66W</b>	<b>Klosterman, Austin</b>	<b>Larry Webb</b>
EMPLOYEES		
	<i>Peterson, Ryan</i>	
<i>Payne, James</i>		

## WELL PROFILE

Max Treating Pressure (psi):	1000	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	630	430		
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	8.625	24	J-55	430	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Production	4.5	11.6	P-110	7194	630		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Tubing	2.375	4.7		655	0		

## CEMENT DATA

Stage 1:	From Depth (ft):	655	To Depth (ft):	0
Type: Top Out	Volume (sacks):	258	Volume (bbls):	52

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

## SUMMARY

Preflushes:	10 bbls of	Mudflush	Calculated Displacement (bbl):	Stage 1	Stage 2	
	bbls of		Actual Displacement (bbl)			
	bbls of					
Total Preflush/Spacer Volume (bbl):	10		Plug Bump (Y/N):	n/a	Bump Pressure (psi):	n/a
Total Slurry Volume (bbl):	52		Lost Returns (Y/N):	N	(if Y, when)	
Total Fluid Pumped	62					
Returns to Surface:	Cement	2 bbls				

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

Job went according to program and customer's request. Job went well.

Thank You For Using

O - TEX Pumping

Customer Representative Signature:

[illegible]

**PLEASE NOTE ANY CONTRACTOR ISSUES OR COMMENTS BELOW**