

# Job Summary

 Ticket Number  
 TN# **BCO-1904-0105** Ticket Date  
**4/26/2019**

COUNTY	COMPANY	API Number
<b>Weld</b>	<b>BONANZA CREEK ENERGY</b>	<b>05-123-49095</b>
WELL NAME	RIG	JOB TYPE
<b>Antelope Federal Y44-U41-20HNB</b>	<b>Akita 519</b>	<b>Surface Casing</b>
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
<b>40.379652 -104.346595</b>	<b>Tony Yates</b>	<b>Tim Joel</b>

EMPLOYEES

<b>WELL PROFILE</b>			
Max Treating Pressure (psi):		Bottom Hole Static Temperature (°F):	
Bottom Hole Circulating Temperature (°F):		Well Type:	

## Open Hole

1	Size (in)	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
	13.5	1636	0		
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 5/8	36		1626	0		
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)
Type	Size (in)	Weight (lb/ft)	Grade	TMD From (ft)	TMD to (ft)	TVD From (Ft)	TVD to (Ft)

## CEMENT DATA

<b>Stage 1:</b>	From Depth (ft):	1004	To Depth (ft):	0
Type: <b>Lead cement</b>	Volume (sacks):	295	Volume (bbls):	127

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
Lead cement	12	2.42	14.25

<b>Stage 2:</b>	From Depth (ft):	1636	To Depth (ft):	1004
Type: <b>Tail cement</b>	Volume (sacks):	230	Volume (bbls):	60

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
Tail cement	14.2	1.47	7.31

<b>Stage 3:</b>	From Depth (ft):	15	To Depth (ft):	0
Type: <b>Top Off</b>	Volume (sacks):	35	Volume (bbls):	8.3

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
100 % type 3	14.6	1.33	6.32

<b>Stage 4:</b>	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.

## SUMMARY

			Stage 1	Stage 2
Preflushes:	10 bbls of	Dye	Calculated Displacement (bbl):	122.4
	bbls of		Actual Displacement (bbl):	122.4
	bbls of			
Total Preflush/Spacer Volume (bbl):	10	Plug Bump (Y/N):	Y	Bump Pressure (psi):
Total Slurry Volume (bbl):	187	Lost Returns (Y/N):		930
Total Fluid Pumped	197	(if Y, when)		
Returns to Surface:	Cement	30 bbls		

Job Notes (fluids pumped / procedures / tools / etc.): Pumped 10 bbls red dye. Mixed and pumped 127 bbls lead cement at 12 ppg (295 sacks). Mixed and pumped 60 bbls tail cement at 14.2 ppg (230 sacks). Displaced 122.4 bbls fresh water. Landed plug 500 psi over. Checked floats 1/2 bbl back. See job log for details.

Thank You For Using  
**CJES O-TEX Cementing**

Customer Representative Signature: \_\_\_\_\_

## Cement Job Log



Customer:	BONANZA CREEK ENERGY		Date:	4/26/2019		Serv. Supervisor:	Tony Yates	
Cust. Rep.:	Tim Joel		Ticket #:	BCO-1904-0105		Serv. Center	Brighton - 3021	
Lease:	Antelope Federal Y44-U41-20HNB		API Well #:	05-123-49095		County:	Weld	State: CO
Well Type:	Oil		Rig:	Akita 519		Type of Job:	Surface Casing	
Materials Furnished by C&J ENERGY SERVICES								
Plugs	Casing Hardware		Physical Slurry Properties					
			Sacks of Cement	Fluid Dens (lb/gal)	Excess	Yield (cuft/sk)	Mix Water (gal/sk)	Fluid Volume (bbls)
Spacer - 20 bbl Fresh Water								20.00
Lead	100 % CJ922 +2.0 % CJ110+2.0 % CJ101+0.25 PPS CJ600+0.4 % CJX157011		295	12		2.42	14.25	127.14
Tail	100 % CJ922 +1.0 % CJ110+0.25 PPS CJ600+0.4 % CJX157011		230	14.2		1.47	7.31	60.37
Top Out (If Needed)	+100 % CJ914		35	14.6		1.33	6.32	8.29
Displacement Chemicals:								

**C&J ENERGY SERVICES**

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5/1/2019



Client	Bonanza Creek	Client Rep	Kenny	Supervisor	Tony Yates
Ticket No.	BCO-1904-0105	Well Name	Antelope Federal Y44-U41-20HNB	Unit No.	445528
Location	20-5N-62W	Job Type	Surface Casing	Service District	Brighton CO
Comments	See job log	Job Date			04/26/2019

