

Job Summary

 Ticket Number
 TN# **BCO-1904-0101** Ticket Date
4/23/2019

COUNTY	COMPANY	API Number
Weld	BONANZA CREEK ENERGY	05-123-49094
WELL NAME	RIG	JOB TYPE
Antelope Federal T34-20-17XRLNB	Akita 519	Surface Casing
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.379872 -104.346612	Tony Yates	Tim

EMPLOYEES

WELL PROFILE			
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

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

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

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

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

Stage 3:	From Depth (ft):	38	To Depth (ft):	0
Type: Top Off	Volume (sacks):	40	Volume (bbls):	9.4

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

Stage 4:	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	122.4	
bbls of	122.4	
bbls of		
Total Preflush/Spacer Volume (bbl):	10	
Total Slurry Volume (bbl):	187	
Total Fluid Pumped	197	
Returns to Surface:	Cement	33 bbls

Job Notes (fluids pumped / procedures / tools / etc.): Pumped 10 bbls water with 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. Pressure tested casing for 15 min at 500 psi. See job log for details.

Thank You For Using
CJES O-TEX Cementing

Customer Representative Signature:

Cement Job Log



Customer:	BONANZA CREEK ENERGY		Date:	4/23/2019		Serv. Supervisor:	Tony Yates	
Cust. Rep.:	Tim		Ticket #:	BCO-1904-0101		Serv. Center	Brighton - 3021	
Lease:	Antelope Federal T34-20-17XRLNB		API Well #:	05-123-49094		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)
								Mix Water (bbls)
Spacer - 20 bbl Fresh Water								10.00
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)		Type 3 portland cement 100%		40	14.6	1.33	6.32	9.47
Displacement Chemicals:								

C&J ENERGY SERVICES

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5/1/2019



Client	Bonanza Creek	Client Rep	Tim	Supervisor	Tony Yates
Ticket No.	BCO-1904-0101	Well Name	Antelope Federal T34-20-17XRLNB	Unit No.	445528
Location	20-5N-62W	Job Type	Surface Casing	Service District	Brighton CO
Comments	See job log for details	Job Date			04/23/2019

