



Job Summary

Ticket Number	Ticket Date
TN# BCO-1903-0009	3/9/2019

COUNTY	COMPANY	API Number
Weld	BONANZA CREEK ENERGY	05-123-48258
WELL NAME	RIG	JOB TYPE
Antelope O24-19-18XRLNC	Akita 519	Surface Casing
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.378348 -104.361331	Tony Yates	Kenny Graham

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	1635	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		1625	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): **977** To Depth (ft): **0**
Type: **Surface casing**
Volume (sacks): **290** Volume (bbls): **124.9**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
Lead	12	2.42	14.26

Stage 2: From Depth (ft): **1625** To Depth (ft): **977**
Type: **Surface casing**
Volume (sacks): **230** Volume (bbls): **60.2**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
Tail	14.2	1.47	7.33

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

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

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

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

SUMMARY

Preflushes:	20 bbls of Dye	Calculated Displacement (bbl):	122.2	Stage 1	Stage 2
		Actual Displacement (bbl):	122.2		
Total Preflush/Spacer Volume (bbl):	20	Plug Bump (Y/N):	 	Bump Pressure (psi):	
Total Slurry Volume (bbl):	185.1	Lost Returns (Y/N):	 (if Y, when)		
Total Fluid Pumped	205.1				
Returns to Surface:	Cement 40 bbls				

Job Notes (fluids pumped / procedures / tools / etc.): **Pumped 20 bbls fresh water with dye. Mixed and pumped 124.9 bbls lead cement at 12 ppg (290 sacks). Mixed and pumped 60.2 bbls tail cement at 14.2 ppg (230 sacks). Dropped plug and displaced 122.2 bbls fresh water. Bumped plug at 4 bbl/ min at 1050 psi. Held pressure for 3 min. Checked floats, got 1/2 bbl water back. See job log for details.**

Customer Representative Signature: **Thank You For Using CJES O-TEX Cementing**

Cement Job Log



Customer:	BONANZA CREEK ENERGY	Date:	3/9/2019	Serv. Supervisor:	Tony Yates
Cust. Rep.:	Kenny Graham	Ticket #:	BCO-1903-0009	Serv. Center:	Brighton - 3021
Lease:	Antelope O24-19-18XRLNC	API Well #:	05-123-48258	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							20.00	
Lead	100 % CJ922 +2.0 % CJ110+2.0 % CJ101+0.25 PPS CJ600	290	12		2.42	14.26	124.80	98
Tail	100 % CJ922 +1.0 % CJ110+0.25 PPS CJ600	230	14.2		1.47	7.33	60.28	40
0								
Displacement Chemicals:								



Client Bonanza Creek Energy
Ticket No. 9
Location 19-5N-62W
Comments See job log for details
Client Rep Kenny Graham
Well Name Antelope 024-19-18XRLNC
Job Type Surface Casing
Supervisor Tony Yates
Unit No. 445047
Service District Brighton co
Job Date 03/09/2019

