



Job Summary

Ticket Number	Ticket Date
TN# BCO-1904-0102	4/24/2019

COUNTY	COMPANY	API Number
Weld	BONANZA CREEK ENERGY	05-123-49092
WELL NAME	RIG	JOB TYPE
Antelope Federal T-20-17XRLNC	Akita 519	Surface Casing
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.379817 -104.346608	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:
 Type: **Lead cement**
 From Depth (ft): 1004 To Depth (ft): 0
 Volume (sacks): 295 Volume (bbls): 127

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

Stage 2:
 Type: **Tail cement**
 From Depth (ft): 1636 To Depth (ft): 1004
 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:
 Type: **Top Off**
 From Depth (ft): 30 To Depth (ft): 0
 Volume (sacks): 10 Volume (bbls): 2.4

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

Stage 4:
 Type:
 From Depth (ft):
 To Depth (ft):
 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	
	Actual Displacement (bbl): 122.4	
Total Preflush/Spacer Volume (bbl): 10	Plug Bump (Y/N): Y	Bump Pressure (psi): 920
Total Slurry Volume (bbl): 187	Lost Returns (Y/N):	(if Y, when)
Total Fluid Pumped: 197		
Returns to Surface: Cement 40 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. Check floats 1 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:	4/24/2019	Serv. Supervisor:	Tony Yates
Cust. Rep.:	Tim	Ticket #:	BCO-1904-0102	Serv. Center:	Brighton - 3021
Lease:	Antelope Federal T-20-17XRLNC	API Well #:	05-123-49092	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	100
Tail	100 % CJ922 +1.0 % CJ110+0.25 PPS CJ600+0.4 % CJX157011	230	14.2		1.47	7.31	60.37	40
Top Out (If Needed)	+100 % CJ914	10	14.6		1.33	6.32	2.37	2
Displacement Chemicals:								



Client Bonanza Creek
 Ticket No. BCO-1904-0102
 Location 20-5N-62W
 Comments See job log for details

Client Rep Tim
 Well Name Antelope Federal T-20-17XRLNC
 Job Type Surface Casing

Supervisor Tony Yates
 Unit No. 445528
 Service District Brighton CO
 Job Date 04/24/2019

