

	BONANZA CREEK ENERGY	YARD CALL	3/4/2019		DISTRICT
	Antelope Federal T-19-18XRLNC	RTS DATE	3/4/2019		
		YARD RTN	3/5/2019		Brighton

Personnel/Equipment				
Driver	Assignment	Tractor	Trailer	Comments
Israel Davila	Supervisor	131155	449095	
Serge Dzmitryieu	Operator	745052	445052	
Aaron Davidson	bulk		990477	
Mike Arthur	bulk		446202	

BLEND INFO					
Amount	Units	System/Additives	Density (ppg)	Yield (cuft/sk)	Water Req. (gal/sk)
0	SX	Spacer - 20 bbl Fresh Water			
20.00	bbbl				
290.00	SX	Lead			
124.48	bbbl	100 % CJ922 +2.0 % CJ110+2.0 % CJ101+0.25 PPS CJ600	12	2.42	14.26
230	SX	Tail			
59.83	bbbl	100 % CJ922 +1.0 % CJ110+0.25 PPS CJ600	14.2	1.47	7.33
0	SX	0			
0.00					
0	SX				
0.00					
0	SX				
0.00					
0	SX				
0.00					
0	SX				
0.00					
0	SX				
0.00					



Job Summary

Ticket Number	BCO-1903-0005	Ticket Date	3/5/2019
TN#			

COUNTY	COMPANY	API Number
Weld	BONANZA CREEK ENERGY	05-123-48260
WELL NAME	RIG	JOB TYPE
Antelope Federal T-19-18XRLNC	Akita 519	Surface Casing
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.378354 -104.361044	Israel Davila	Kenny Graham

EMPLOYEES		
Serge Dzmityriou		
Arron Davidson		
	Mike Arthur	

WELL PROFILE			
Max Treating Pressure (psi):	2500	Bottom Hole Static Temperature (°F):	
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)
	13.5	0	1615		
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	9.625	36		0	1605	0	1605
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):	0	To Depth (ft):	962
Type: Lead Cement	Volume (sacks):	290	Volume (bbls):	125
Cement & Additives:		Density (ppg)	Yield (ft ³ /sk)	Water Req.
Lead		12	2.42	14.26

Stage 2:	From Depth (ft):	962	To Depth (ft):	1605
Type: Tail cement	Volume (sacks):	230	Volume (bbls):	60
Cement & Additives:		Density (ppg)	Yield (ft ³ /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 (ft ³ /sk)	Water Req.

Stage 4:	From Depth (ft):		To Depth (ft):	
Type:	Volume (sacks):		Volume (bbls):	
Cement & Additives:		Density (ppg)	Yield (ft ³ /sk)	Water Req.

SUMMARY

Preflushes:	10 bbls of Dye	Calculated Displacement (bbl):	120.5	Stage 1	Stage 2
	10 bbls of Fresh Water	Actual Displacement (bbl):	120.5		
Total Preflush/Spacer Volume (bbl):	20	Plug Bump (Y/N):	Y	Bump Pressure (psi):	1100
Total Slurry Volume (bbl):	185	Lost Returns (Y/N):	N	(if Y, when)	
Total Fluid Pumped	325.5				
Returns to Surface:					

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

Job performed as per customers request. Pumped 20 bbl fresh spacer with red dye in first 10 bbls. Pumped 290 sks lead @ 12ppg, pumped 230 sks Tail @ 14.2 ppg. Displaced 120.5 bbls to bump plug. Good cement back to surface @ 80 bbls away, 40 back to surface. Bumped calculated @ 1100psi. Floats held. half bbl back to pump.

Thank You For Using
CJES O-TEX Cementing

Customer Representative Signature: _____

Cement Job Log



Customer:	BONANZA CREEK ENERGY	Date:	3/5/2019	Serv. Supervisor:	Israel Davila
Cust. Rep.:	Kenny Graham	Ticket #:	BCO-1903-0005	Serv. Center:	Brighton - 3021
Lease:	Antelope Federal T-19-18XRLNC	API Well #:	05-123-48260	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 (bbbls)
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:							

Cement Job Log



Customer: BONANZA CREEK ENERGY		Date: 3/5/2019		Serv. Supervisor: Israel Davila	
Cust. Rep.: Kenny Graham		Ticket #: BCO-1903-0005		Serv. Center Brighton - 3021	
Lease: Antelope Federal T-19-18XRLNC		API Well #: 05-123-48260		County: Weld	State: CO
Well Type: Oil		Rig: Akita 519		Type of Job: Surface Casing	
OPEN HOLE DATA			TUBULAR DATA		
13.5" (0' to 1615)		9.625" 36# (0' to 1605')		SIZE WEIGHT	THREAD
				DEPTH (ft)	GRADE
				ID (in)	BURST (psi)
					COLLAPSE (psi)
PREVIOUS CASING DATA			PERFORATED INTERVAL DATA		
			TOP	BTM	SPF
			SIZE	SHOE	FLOAT
			STAGE	ACP	
WELL FLUID		DISPLACEMENT FLUID			DIFF PRESS (psi)
TYPE	DENSITY	VOLUME	TYPE	DENSITY	CSG LIFT (psi)
WBM		120.5 bbl	H2O	8.3 ppg	MAX PRESS (psi)
					2500
Time	Rate (bbl/min)	Csg. Press. (psi)	Tbg. Press (psi)	Ann. Press. (psi)	Stg. Vol. (bbl)
					Cum. Vol. (bbl)
					Stage Details
1:00 AM					0 Arrive on location
1:15 AM					0 Tailgate meeting
5:30 AM					0 Spot Equipment/Rig in
7:30 AM					0 JSA/Safety meeting
8:10 AM					0 Pressure test iron to 3500
8:16 AM	4	100			20 Pump fresh H2O with dye
8:25 AM	5	150			125 Pump 290 sks@ 12ppg, 2.42 yield from 962' to surface
8:48 AM	5	200			60 Pump 230 sks@ 14.2, 1.47 yield from 1605' to 962'
9:04 AM					205 Shut down/Switch valves to drop plug
9:11 AM	6	600			120.5 Displace. Low to 3 bbl a minute last 10 bbls. 40 bbls cement back
9:40 AM		1100			Land plug
9:45 AM		0			Check floats/ floats held, half bbl back to pump
10:00 AM					3 Top off previous well with 3 bbls
11:00 AM					Wash pump/Rig out
12:00 PM					Depart location
Left Yard	3/4/19 9:00 PM		Left Loc.	3/5/19 12:00 PM	
Arrived Loc.	3/5/19 1:00 AM		Returned Yd.	3/5/19 2:00 PM	
Bumped Plug (psi)	Final Differential (psi)	Floats Held (Y/N)	PSI Left on Casing	Cement to Surface (bbl)	Top of Cement (ft)
				40	Surface
					Full Circ. During Job (Y/N)
					Max Pump Pressure (psi)
					3500
					Casing Rotation
					Standby Charged(hrs)
					Casing Reciprocation
					Israel Davila
					2/5/2019
					Service Supervisor
					Date



Client BONANZA CREEK
Ticket No. 19030005
Location SESE 19.5N62W
Comments
Client Rep KENNY GRAHAM
Well Name ANTELOPE FEDERAL T-1918XRLNC
Job Type 2-Stage Surface
Supervisor IZZY
Unit No. 445047
Service District BRIGHTON
Job Date 03/05/2019

