

	<b>BONANZA CREEK ENERGY</b>	YARD CALL	3/6/2019		DISTRICT	
	Antelope T34-19-18MRLNB	RTS DATE	3/6/2019	7:00 AM	<b>Brighton</b>	
		YARD RTN	3/6/2019			
<b>CUSTOMER INFORMATION</b>					1.08d	
Customer Name	<b>BONANZA CREEK ENERGY</b>	<b>WELL INFORMATION</b>		<b>WELL DATA</b>		
Customer #:	1002196	API #:	05-123-48259	Casing Size		
AFE #:	18198	Field Name:	Wattenberg	Depth		
Cust Rep on Loc:	Kenny Graham	Well Name:	Antelope T34-19-18MRLNB	TVD	1,600 ft	
Cust Phone #:	719-691-1412	Well Type:	Oil	MD	1,600 ft	
Order Placed By:		Formation:	NBRR	OH		
Phone #:		Rig Contractor:	Akita	OH Depth		
Proposed Job Amt:		Rig Name/Num.:	Akita 519	BHST	98°F	
<b>JOB INFORMATION</b>		Rig Phone:		BHCT	85°F	
Ticket #:	<b>BCO-1903-0006</b>	County:	Weld	Est. BHST/BHCT	98°F / 85°F (API) (1.10°F/100ft)	
PO #:		State:	CO	MD / TVD	1,600 ft / 1,600 ft	
Order Taken By:	Milo	Latitude:	40.378353	Mud Weight & Type	9# Spud Mud	
Order Date:		Longitude:	-104	Open Hole	13.5 in. O.H. 0 to 1,600 ft	
CJES Acct. Manager:	Michael Salyers	Township:	SESE 19 5N62W	Previous Casing		
CJES Engineer:	Michael Salyers	Quote Number:	1-BCO_190227175626			
<b>TUBULAR DATA</b>						
				Size	Grade	
				Weight	Depth	
				9.625	36#	
				Casing 9.625 in. 36#, ( 0 to 1,600 ft)		
<b>CEMENTING PLUG</b>						
				Qty	Size	
				Type	Material	
<b>TOP CONNECTION</b>						
				Size	Type	
				Thread		
<b>JOB TYPE</b>						
Surface Casing						
<b>COMMENTS</b>						
<b>SPECIAL JOB INSTRUCTIONS</b>						
9.625" cement head, swage, bowl, plug, 150# sugar Defoamer						
<b>DIRECTIONS TO WELL</b>						
CR 61 & CR 388, E to yellow gate (70 Ranch), go E 6 miles to grain elevator, go N for 1 mile, turn E after pig house and go E for about 2 miles into, look for Akita 519 signs						
<b>Emergency Contacts</b>						
Nearest Hospital		Greeley, CO		Phone Number:	911	
Police Department		Greeley, CO		Phone Number:	911	
Fire Department		Greeley, CO		Phone Number:	911	
Designated Emergency Vehicle		530317		Vehicle Location: Lease Entrance		
MSDS on Dash of Emergency Vehicle? (y/n)		Yes				
Muster Area #1		Lease Entrance				
Muster Area #2		Wind Dependant				
Cell Phone Service on location? (y/n)		Yes				
If not, nearest working phone						
<b>Iron Tracking</b>						
	Taken Out			Returned		
Iron Type	Taken By	Date Out	Time Out	Returned By	Date In	Time In

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	Antelope T34-19-18MRLNB	RTS DATE	3/6/2019	7:00 AM	<b>Brighton</b>
		YARD RTN	3/6/2019		

Personnel/Equipment				
Driver	Assignment	Tractor	Trailer	Comments
Francisco Flores	Supervisor	530317	449095	
Anthony Staples	Operator	749100	445047	
Winston Verhey	Bulker		446117	
Jeremy McCumber	Bulker		446117	
Kevin Lindsay	Bulker	746509		

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					
0	SX				
0					
0	SX				
0.00					



# Job Summary

Ticket Number	Ticket Date
TN# <b>BCO-1903-0006</b>	<b>3/6/2019</b>

COUNTY	COMPANY	API Number
<b>Weld</b>	<b>BONANZA CREEK ENERGY</b>	<b>05-123-48259</b>
WELL NAME	RIG	JOB TYPE
<b>Antelope T34-19-18MRLNB</b>	<b>Akita 519</b>	<b>Surface Casing</b>
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
<b>40.378353 -104.361116</b>	<b>Francisco Flores</b>	<b>Kenny Graham</b>

EMPLOYEES		
Anthony Staples		
Winston Verhey		
Jeremy McCumber		

<b>WELL PROFILE</b>			
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	1616	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	9.625	36		1606	0		

### CEMENT DATA

<b>Stage 1:</b>	From Depth (ft):	924	To Depth (ft):	0
Type: <b>Lead Cement</b>	Volume (sacks):	290	Volume (bbls):	125
Cement & Additives:		Density (ppg)	Yield (ft <sup>3</sup> /sk)	Water Req.
100% CJ922		12	2.42	14.26

<b>Stage 2:</b>	From Depth (ft):	1616	To Depth (ft):	924
Type: <b>Tail Cement</b>	Volume (sacks):	230	Volume (bbls):	60.2
Cement & Additives:		Density (ppg)	Yield (ft <sup>3</sup> /sk)	Water Req.
100% CJ922		14.2	1.47	7.33

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

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

### SUMMARY

Preflushes:	3 bbls of Fresh Water	Calculated Displacement (bbl):	122.3	Stage 1	Stage 2
	20 bbls of Dye	Actual Displacement (bbl):	122.3		
Total Preflush/Spacer Volume (bbl):	23	Plug Bump (Y/N):	Y	Bump Pressure (psi):	964
Total Slurry Volume (bbl):	185.2	Lost Returns (Y/N):	N	(if Y, when)	
Total Fluid Pumped	330.5				
Returns to Surface:	Cement 40 bbls				

Job Notes (fluids pumped / procedures / tools / etc.): 9.625 in 36# Surface casing inside 13.5in OH. Pump 20bbls of fresh water w/red dye. Mix/pump 290sx@12ppg 2.42Y of lead cement. Followed by 230sx@14.2ppg 1.47Y of tail cement. Shut down/ drop top plug & wash up on top of plug. Displace it with 122.3 bbls of fresh water. Pumped job per customers request. Did have to shut down for 12 mins due to water loss. Cement head packed off, got it cleaned up and got back into mixing cement. Thank you!

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

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

Cement Job Log



Customer:	BONANZA CREEK ENERGY	Date:	3/6/2019	Serv. Supervisor:	Francisco Flores
Cust. Rep.:	Kenny Graham	Ticket #:	BCO-1903-0006	Serv. Center:	Brighton - 3021
Lease:	Antelope T34-19-18MRLNB	API Well #:	05-123-48259	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:							





**Client** Bonanza Creek  
**Ticket No.** 19030006  
**Location** SESE 19.5N 62W  
**Comments** See job log S1.

**Client Rep** Kenny Graham  
**Well Name** Antelope T34-19-18 MRLNB  
**Job Type** Surface Casing

**Supervisor** Francisco Flores  
**Unit No.** 445047  
**Service District** Brighton  
**Job Date** 03/06/2019

