	<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>		<b>WELL INFORMATION</b>										<b>WELL DATA</b>				<b>TUBULAR DATA</b>			
Customer Name	<b>BONANZA CREEK ENERGY</b>	API #:	05-123-48259			Casing Size			Size	Grade	Weight	Depth							
Customer #:	1002196	Field Name:	Wattenberg			Depth			9.625		36#	1600							
AFE #:	18198	Well Name:	Antelope T34-19-18MRLNB			TVD	1,600 ft		Casing		9.625 in. 36#, ( 0 to 1,600 ft)								
Cust Rep on Loc:	Kenny Graham					MD	1,600 ft		<b>CEMENTING PLUG</b>										
Cust Phone #:	719-691-1412	Well Type:	Oil			OH			Qty	Size	Type	Material							
Order Placed By:		Formation:	NBRR			OH Depth													
Phone #:		Rig Contractor:	Akita			BHST	98°F												
Proposed Job Amt:		Rig Name/Num.:	Akita 519			BHCT	85°F												
<b>JOB INFORMATION</b>		Rig Phone:				Est. BHST/BHCT	98°F / 85°F (API) (1.10°F/100ft)												
Ticket #:	<b>BCO-1903-0006</b>	County:	Weld			MD / TVD	1,600 ft / 1,600 ft		<b>TOP CONNECTION</b>										
PO #:		State:	CO			Mud Weight & Type	9#, Spud Mud		Size	Type	Thread								
Order Taken By:	Milo	Latitude:	40.378353			Open Hole	13.5 in. O.H. 0 to 1,600 ft												
Order Date:		Longitude:	-104			<b>JOB TYPE</b>													
CJES Acct. Manager:	Michael Salyers	Township:	SESE 19 5N62W			Previous Casing			<b>Surface Casing</b>										
CJES Engineer	Michael Salyers	Quote Number:	1-BCO_190227175626																

<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

	BONANZA CREEK ENERGY	YARD CALL	3/6/2019		DISTRICT
	Antelope T34-19-18MRLNB	RTS DATE	3/6/2019	7:00 AM	Brighton
		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	bbl				
290.00	SX	Lead			
124.48	bbl	100 % CJ922 +2.0 % CJ110+2.0 % CJ101+0.25 PPS CJ600	12	2.42	14.26
230	SX	Tail			
59.83	bbl	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	SX				
0	SX				
0.00					

**BONANZA CREEK ENERGY**

YARD CALL

3/6/2019

DISTRICT

Antelope T34-19-18MRLNB

RTS DATE

3/6/2019

7:00 AM

## Brighton

### Personnel/Equipment

[illegible]

## BLEND INFO

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

# Job Summary

 Ticket Number: **BCO-1903-0006** Ticket Date: **3/6/2019**  
 TN#

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

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

Stage 2:	From Depth (ft):	1616	To Depth (ft):	924	
	Type: Tail Cement				
	Volume (sacks):	230	Volume (bbls):	60.2	
Cement & Additives:			Density (ppg)	Yield (ft^3/sk)	Water Req.
100% CJ922			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:		3	bbls of		Fresh Water		Stage 1		Stage 2
		20	bbls of		Dye		122.3		
			bbls of				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 (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
Tail		100 % CJ922 +1.0 % CJ110+0.25 PPS CJ600		230	14.2		1.47	7.33
0								
Displacement Chemicals:								

**C&J ENERGY SERVICES**

5 of 6  
3/25/2019



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

