



# Job Summary

Ticket Number  
TN# **BCO-1906-0031** Ticket Date  
**6/7/2019**

COUNTY	COMPANY	API Number
<b>Weld</b>	<b>BONANZA CREEK ENERGY</b>	<b>05-123-49898</b>
WELL NAME	RIG	JOB TYPE
<b>Latham K21-O24-14HNB</b>	<b>Akita 519</b>	<b>Surface Casing</b>
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
<b>40.31917 -104.39706</b>	<b>Rich Devine</b>	<b>Kenny</b>

EMPLOYEES

<b>WELL PROFILE</b>			
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 1/2	0	1610	0	1610

## 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		0	1610	0	1610

## CEMENT DATA

**Stage 1:** From Depth (ft):  To Depth (ft):   
Type: **SURFACE LEAD**  
Volume (sacks):  Volume (bbls):

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

**Stage 2:** From Depth (ft):  To Depth (ft):   
Type: **SURFACE TAIL**  
Volume (sacks):  Volume (bbls):

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
TYPE III	14.2	1.47	7.31

## SUMMARY

Preflushes:	22 bbls of Fresh Water	Calculated Displacement (bbl):	121.1	Stage 1	Stage 2
		Actual Displacement (bbl):	121.1		
Total Preflush/Spacer Volume (bbl):	22	Plug Bump (Y/N):	Y	Bump Pressure (psi):	1054
Total Slurry Volume (bbl):	184.7	Lost Returns (Y/N):		(if Y, when)	
Total Fluid Pumped	327.8				
Returns to Surface:	Y		37.1 bbls		

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

SEE JOB LOG FOR DETAILS

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

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

## Cement Job Log

<b>C&amp;J ENERGY SERVICES</b>											
Customer:	BONANZA CREEK ENERGY				Date: 6/4/2019		Serv. Supervisor: Rich Devine				
Cust. Rep.:	Kenny				Ticket #: BCO-1906-0031		Serv. Center Brighton - 3021				
Lease:	Latham K21-O24-14HNB				API Well #: 05-123-49898		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+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			220	14.2		1.47	7.31	57.75	38
Top Out (If Needed)		+100 % CJ914			100	15.8		1.15	5.00	20.44	12
Displacement Chemicals:											