

# Job Summary

Ticket Number

TN#

BCO-1906-0018

Ticket Date

COUNTY	COMPANY	API Number
Weld	BONANZA CREEK ENERGY	05-123-49899
WELL NAME	RIG	JOB TYPE
Latham F11-J14-14HNB	Akita 519	Surface Casing
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.31901 -104.39706	Justin Collin	Tim Joel

## EMPLOYEES

Justin Collin	Supervisor
Tony Yates	Operator
Justin Lacome	Bulker

## WELL PROFILE

Max Treating Pressure (psi):	1500	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	0	1625		
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	J-55	0	1625		
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): 963  
Type: Surface Lead  
Volume (sacks): 295 Volume (bbls): 126.74  
Cement & Additives: Density (ppg) Yield (ft³/sk) Water Req.

**Stage 2:** From Depth (ft): 963 To Depth (ft): 1623  
Type: Surface Tail  
Volume (sacks): 220 Volume (bbls): 57.57  
Cement & Additives: Density (ppg) Yield (ft³/sk) Water Req.

**Stage 3:** From Depth (ft): To Depth (ft):  
Type: Top Off  
Volume (sacks): Volume (bbls):  
Cement & Additives: Density (ppg) Yield (ft³/sk) Water Req.

**Stage 4:** From Depth (ft): To Depth (ft):  
Type:  
Volume (sacks): Volume (bbls):  
Cement & Additives: Density (ppg) Yield (ft³/sk) Water Req.

## SUMMARY

Preflushes:	- 20 bbls of Fresh Water	Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of	Actual Displacement (bbl):	122.2	
	bbls of		122	
Total Preflush/Spacer Volume (bbl):	20	Plug Bump (Y/N):	Y	Bump Pressure (psi):
Total Slurry Volume (bbl):	184	Lost Returns (Y/N):	N	(if Y, when)
Total Fluid Pumped	204			
Returns to Surface:	Cement 38 bbls			

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

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: 6/3/2019		Serv. Supervisor: Justin Collin				
Cust. Rep.:	Tim Joel				Ticket #: BCO-1906-0018		Serv. Center Brighton - 3021				
Lease:	Latham F11-J14-14HNB				API Well #: 05-123-49899		County:	Weld	State: CO		
Well Type:					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:											