



# Job Summary

Ticket Number	Ticket Date
TN# BCO-1906-0021	06/05/2019

COUNTY	COMPANY	API Number
Weld	BONANZA CREEK ENERGY	05-123-49897
WELL NAME	RIG	JOB TYPE
Latham #F-J-14HNC	Akita 519	Surface Casing
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.31905 -104.39706	Justin Collin	Sam Mares

EMPLOYEES		
Justin Collin	Supervisor	
Tony Yates	Operator	
Justin Lacombe	Bulker	

WELL PROFILE			
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)
	13.5	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	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):	122.2	Stage 1	Stage 2
	bbls of	Actual Displacement (bbl):	122		
	bbls of				
Total Preflush/Spacer Volume (bbl):	20	Plug Bump (Y/N):	Y	Bump Pressure (psi):	1111
Total Slurry Volume (bbl):	184	Lost Returns (Y/N):	N	(if Y, when)	
Total Fluid Pumped	204				
Returns to Surface:	Cement	36 bbls			

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

Customer Representative Signature: Thank You For Using CJES O-TEX Cementing

## Cement Job Log



Customer:	BONANZA CREEK ENERGY		Date:	6/3/2019		Serv. Supervisor:	Justin Collin	
Cust. Rep.:	Sam Mares		Ticket #:	BCO-1906-0021		Serv. Center	Brighton - 3021	
Lease:	Latham #F-J-14HNC		API Well #:	05-123-49897		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)
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
Tail	100 % CJ922 +1.0 % CJ110+0.25 PPS CJ600+0.4 % CJX157011		220	14.2		1.47	7.31	57.75
Top Out (If Needed)	+100 % CJ914		100	15.8		1.15	5.00	20.44
Displacement Chemicals:								