



# Job Summary

Ticket Number	Ticket Date
TN# BCO-1909-0024	9/8/2019

COUNTY	COMPANY	API Number
Weld	BONANZA CREEK ENERGY	05-123-50034
WELL NAME	RIG	JOB TYPE
Latham - K31-1-12XRLNB	Akita 519	CM-SURFACE CASING
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.349927 -104.378245	Siarhei Dzmitryieu	Tim

EMPLOYEES
Tony Yates
David Cicalla
Mike Arthur

WELL PROFILE			
Max Treating Pressure (psi):	2000	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	0	1632	0	1632
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		0	1622	0	1622
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):	972	
	Type: <b>Lead cement</b>				
	Volume (sacks):	300	Volume (bbls):	129	
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.
Type III + adds			12	2.42	14.25

Stage 2:	From Depth (ft):	972	To Depth (ft):	1622	
	Type: Tail cement				
	Volume (sacks):	230	Volume (bbls):	60	
Cement & Additives:			Density (ppg)	Yield (ft³/sk)	Water Req.
Type III + adds			14.2	1.47	7.31

Stage 3:	From Depth (ft):	<div></div>	To Depth (ft):	<div></div>
	Type: <b>Top Off</b>			
	Volume (sacks):	<div></div>	Volume (bbls):	<div></div>
	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 (ft^3/sk)	Water Req.

## SUMMARY

Preflushes:	3 bbls of Fresh Water	Calculated Displacement (bbl):	122.6	Stage 1	Stage 2
	10 bbls of Dye	Actual Displacement (bbl):	124.9		
	bbls of				
Total Preflush/Spacer Volume (bbl):	13	Plug Bump (Y/N):	Y	Bump Pressure (psi):	894
Total Slurry Volume (bbl):	189	Lost Returns (Y/N):	N	(if Y, when)	
Total Fluid Pumped	326.9				
Returns to Surface:	Cement	0 bbls			

Job Notes (fluids pumped / procedures / tools / etc.): Pumped 10 bbl of red dye water , 300 sx of Type III + adds at 12/2.42 , 230 sx of Type III + adds at 14.2/1.47 and displaced with 124.9 of water to bring cement to surface ( 0 bbl back ) per customer request . Bump pressure 894 psi , floats holding .

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

## Cement Job Log



Customer:	BONANZA CREEK ENERGY				Date:	9/8/2019		Serv. Supervisor: Siarhei Dzmitryieu				
Cust. Rep.:	Tim				Ticket #:	BCO-1909-0024		Serv. Center Brighton - 3021				
Lease:	Latham - K31-1-12XRLNB				API Well #:	05-123-50034		County:	Weld		State:	CO
Well Type:	Oil				Rig:	Akita 519		Type of Job:	CM-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 Water											20.00	
Lead		100 % CJ922 +2.0 % CJ110+2.0 % CJ101+0.25 PPS CJ600+0.4 % CJX157011				300	12		2.42	14.25	129.29	102
Tail		100 % CJ922 +1.0 % CJ110+0.25 PPS CJ600+0.4 % CJX157011				230	14.2		1.47	7.31	60.37	40
Displacement												
Top Out (If Needed)		+100 % CJ914				100	15.8		1.15	5.00	20.44	12
+100 % CJ914												
Displacement Chemicals:												
OPEN HOLE DATA		TUBULAR DATA										
13.5 in. O.H. ( 0-1632')		9.625 in. 36 # ( 0-1622')				SIZE WEIGHT	THREAD	DEPTH (ft)	GRADE	ID (in)	BURST (psi)	COLLAPSE (psi)
Mix Cemt. Temperature °F	Lead Tmp.	Middle Temp.	Tail Temp.									
PREVIOUS CASING DATA				PERFORATED INTERVAL DATA				CASING EQUIPMENT DEPTHS				
				TOP	BTM	SPF	SIZE	SHOE	FLOAT	STAGE	ACP	
WELL FLUID		DISPLACEMENT FLUID		DIFF PRESS (psi)		CSG LIFT (psi)	MAX PRESS (psi)	Total Number of Runs		WATER ON LOC (bbl)		
TYPE	DENSITY	VOLUME	TYPE	DENSITY								
Mud	9.0 ppg	124.9 bbl	Water	*.3			2000			600		

## Cement Job Log



Customer:	BONANZA CREEK ENERGY	Date:	9/8/2019	Serv. Supervisor:	Siarhei Dzmitryieu
Cust. Rep.:	Tim	Ticket #:	BCO-1909-0024	Serv. Center	Brighton - 3021
Lease:	Latham - K31-1-12XRLNB	API Well #:	05-123-50034	County:	Weld State: CO
Well Type:	Oil	Rig:	Akita 519	Type of Job:	CM-SURFACE CASING

Time	Rate (bbl/min)	Csg. Press. (psi)	Tbg. Press. (psi)	Ann. Press. (psi)	Stg. Vol. (bbl)	Cum. Vol. (bbl)	Stage Num. Stage	Stage Details
8:00 AM							1	ARRIVE ON LOCATION
8:05 AM							1	WAIT ON CASING CREW TO GET SPOTTED
9:30 AM							1	SPOT EQUIPMENT
9:45 AM							1	RIG UP
10:40 AM							1	SAFETY MEETING
10:52 AM	4	70			3.0 bbl	3.0 bbl	1	FILL LINES
10:53 AM		3600					1	TEST LINES TO 3500 PSI
10:56 AM	4	56			10.0 bbl	13.0 bbl	1	START RED DYE WATER
10:59 AM	7	250			129.0 bbl	142.0 bbl	1	START LEAD CEMENT 300 SX OF TYPE III + ADDS AT 12/2.42
11:15 AM	7	258			60.0 bbl	202.0 bbl	1	START TAIL CEMENT 230 SX TYPE III + ADDS AT 14.2/1.47
11:25 AM	0	0					1	SHUT DOWN DROP PLUG
11:27 AM	8	100			124.9 bbl	326.9 bbl	1	START DISPLACEMENT
11:45 AM	0	894					1	BUMP PLUG SHUT DOWN ( NO CEMENT RETURNS TO SURFACE)
11:50 AM	0	0					1	CHECK FLOATS ( HOLDING)
11:55 AM							1	WAIT ON CUSTOMER TO TOP OOF WELL
12:30 PM							1	RELEASED BY CUSTOMER
12:35 PM							1	WASH UP RIG DOWN
1:08 PM							1	LEAVE LOCATION

Left Yard	9/8/19 6:30 AM			Left Loc.	9/8/19 1:08 PM		Start Pump		9/8/19 10:52 AM		
Arrived Loc.	9/8/19 8:00 AM			Returned Yd.	9/8/19 3:00 PM		End Pump		9/8/19 11:50 AM		
Bumped Plug (psi)	Final Differential (psi)	Floats Held (Y/N)	PSI Left on Casing	Cement to Surface (bbl)	Top of Cement (ft)	Full Circ. During Job (Y/N)	Max Pump Pressur	Casing Rotation	Standby Charged(hrs)	Casing Reciprocation	Wireline Co.
		Yes	0	0	Unknown	Yes	2000		1		0
							Siarhei Dzmitryieu				
							9/8/2019				
							Service Supervisor				
							Date				



Client Bonanza  
Ticket No. 19090024  
Location SESE 36 5N 63W  
Comments See job log

Client Rep Tim  
Well Name Latham K31-1-12 XRLNB  
Job Type Surface Casing

Supervisor Serg Dzmityyev  
Unit No. 445024  
Service District Brighton  
Job Date 09/08/2019

