
	<b>BONANZA CREEK ENERGY</b>	YARD CALL	3/3/2019		DISTRICT	
	Antelope Federal 44-19-18XRLNB	RTS DATE	3/3/2019		<b>Brighton</b>	
		YARD RTN				
<b>CUSTOMER INFORMATION</b>					1.08d	
Customer Name	<b>BONANZA CREEK ENERGY</b>	<b>WELL INFORMATION</b>		<b>WELL DATA</b>		
Customer #:	1002196	API #:	05-123-48263	Casing Size		
AFE #:	18196	Field Name:	Wattenberg	Depth		
Cust Rep on Loc:	Kenny Graham	Well Name:	Antelope Federal 44-19-18XRLNB	TVD	1,600 ft	
Cust Phone #:	719-691-1412	Well Type:	Oil	MD	1,600 ft	
Order Placed By:		Formation:	NBRR	OH		
Phone #:		Rig Contractor:	Akita	OH Depth		
Proposed Job Amt:	\$10,207.59	Rig Name/Num.:	Akita 519	BHST	98°F	
<b>JOB INFORMATION</b>		Rig Phone:		BHCT	85°F	
Ticket #:	<b>BCO-1903-0004</b>	County:	Weld	Est. BHST/BHCT	98°F / 85°F (API) (1.10°F/100ft)	
PO #:		State:	CO	MD / TVD	1,600 ft / 1,600 ft	
Order Taken By:	Milo	Latitude:	40.378356	Mud Weight & Type	9#, Spud Mud	
Order Date:		Longitude:	-104	Open Hole	13.5 in. O.H. 0 to 1,600 ft	
CJES Acct. Manager:	Michael Salyers	Township:	SESE 19 5N62W	Previous Casing		
CJES Engineer	Michael Salyers	Quote Number:	1-BCO_190227174103			
<b>TUBULAR DATA</b>						
				Size	Grade	
				Weight	Depth	
				9.625		
				36#	,600	
				<b>Casing</b> 9.625 in. 36#, ( 0 to 1,600 ft)		
<b>CEMENTING PLUG</b>						
				Qty	Size	
				Type	Material	
<b>TOP CONNECTION</b>						
				Size	Type	
				Thread		
<b>JOB TYPE</b>						
Surface Casing						
<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		131154		Vehicle Location: LEASE ENTRANCE		
MSDS on Dash of Emergency Vehicle? (y/n)						
Muster Area #1		LEASE ENTRANCE				
Muster Area #2		WIND DEPENDING				
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

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		YARD RTN			

Personnel/Equipment				
Driver	Assignment	Tractor	Trailer	Comments
JUSTIN COLLIN	SUPERVISOR	131154	449095	
CORI WHITE	OPERATOR	749100	445047	
EDUARDO MELGAREJO	BULK		449185	
LUIS MORALES			990477	
FILIBERTO OLVERA			446202	

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

# Job Summary

Ticket Number: **BCO-1903-0004** Ticket Date: **8/15/2018**  
TN#

COUNTY	COMPANY	API Number
<b>Weld</b>	<b>BONANZA CREEK ENERGY</b>	<b>05-123-48263</b>
WELL NAME	RIG	JOB TYPE
<b>Antelope Federal 44-19-18XRLNB</b>	<b>Akita 519</b>	<b>Surface Casing</b>
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
<b>40.378356 -104.360972</b>	<b>Justin Collin</b>	<b>Kenny Graham</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)
	13.5	0	1600	0	1600
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	24		0	1600	0	1600

### CEMENT DATA

**Stage 1:** From Depth (ft): **0** To Depth (ft): **1149**  
Type: **Surface Lead**  
Volume (sacks): **290** Volume (bbls): **125**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
Lead Cement	12	2.42	14.26

**Stage 2:** From Depth (ft): **1149** To Depth (ft): **1600**  
Type: **Surface Tail**  
Volume (sacks): **230** Volume (bbls): **60.2**

Cement & Additives:	Density (ppg)	Yield (ft³/sk)	Water Req.
Tail Cement	14.2	1.47	7.33

**Stage 3:** From Depth (ft):  To Depth (ft):   
Type:   
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:	<b>20</b> bbls of <b>Fresh Water</b>	Calculated Displacement (bbl):	<b>120.5</b>	<b> </b>
		Actual Displacement (bbl):	<b>122.5</b>	<b> </b>
Total Preflush/Spacer Volume (bbl):		Plug Bump (Y/N):	<b>Yes</b>	Bump Pressure (psi): <b> </b>
Total Slurry Volume (bbl):		Lost Returns (Y/N):	<b>No</b>	(if Y, when) <b> </b>
Total Fluid Pumped				
Returns to Surface:	<b>Cement</b> <b>25</b> 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:	3/1/2019	Serv. Supervisor:	Justin Collin
Cust. Rep.:	Kenny Graham	Ticket #:	BCO-1903-0004	Serv. Center:	Brighton - 3021
Lease:	Antelope Federal 44-19-18XRLNB	API Well #:	05-123-48263	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 (bbbls)	Mix Water (bbbls)
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	124.80	98
Tail	100 % CJ922 +1.0 % CJ110+0.25 PPS CJ600	230	14.2		1.47	7.33	60.28	40
0								
Displacement Chemicals:								

**Cement Job Log**



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Lease:	Antelope Federal 44-19-18XRLNB	API Well #:	05-123-48263	County:	Weld State: CO
Well Type:	Oil	Rig:	Akita 519	Type of Job:	Surface Casing

OPEN HOLE DATA		TUBULAR DATA						
13.5 in. O.H. 0 to 1,600 ft	9.625 in. 36#, ( 0 to 1,600 ft)	SIZE WEIGHT	THREAD	DEPTH (ft)	GRADE	ID (in)	BURST (psi)	COLLAPSE (psi)

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)	WATER ON LOC (bbl)
TYPE	DENSITY	VOLUME	TYPE	DENSITY				
							1500	1000

Time	Rate (bbl/min)	Csg. Press. (psi)	Tbg. Press. (psi)	Ann. Press. (psi)	Stg. Vol. (bbl)	Cum. Vol. (bbl)	Stage Details
10:00 PM						0	ARRIVE ON LOCATION
10:45 PM						0	TAILGATE MEETING/ SPOT EQUIPMENT
1:00 AM						0	RIG IN
6:30 AM						0	SAFETY MEETING
7:11 AM	1.5	61			3	3	FILL LINES FOR PRESSURE TEST
7:15 AM		2752				3	PRESSURE TEST PUMPS AND LINES
7:19 AM	2	9			20	23	FRESH WATER SPACER
7:27 AM	3.8	52			124.9	147.9	290SX @ 12PPG (2.42 YIELD)
7:55 AM	4	87			60.2	208.1	230SX @ 14.2PPG (1.47 YIELD)
8:30 AM						208.1	SHUT DOWN
8:34 AM						208.1	DROP PLUG
8:41 AM	2.5	100			122.5	330.6	DISPLACE FRESH WATER/ WASH UP ON TOP OF PLUG
8:53 AM	5	250				330.6	CAUGHT CEMENT (34bbbls away)
9:04 AM	4	747				330.6	SLOW RATE (100bbbls away)
9:13 AM	3	1510				330.6	BUMP PLUG (@ 122.5bbbls away)
9:18 AM							CHECK FLOATS (1bbl back)
10:30 AM							RIG OUT IRON AND HOSES
11:00 AM							JOB COMPLETE/ PERFORM WALK AROUND INSPECTION
11:30 AM							LEAVE LOCATION

Left Yard	3/3/19 8:00 PM	Left Loc.	3/4/19 11:30 AM	Start Pump	3/4/19 7:11 AM					
Arrived Loc.	3/3/19 10:00 PM	Returned Yd.	3/4/19 13:	End Pump	3/4/19 12:00 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 Pressure (psi)	Casing Rotation	Standby Charged (hrs)	Casing Reciprocation
Yes		Yes		25	SURFACE	Yes	1500		0	

Service Supervisor	Date