

		<h1>Job Summary</h1>		Ticket Number TN# BCO-1903-0003		Ticket Date 3/3/2019	
COUNTY		COMPANY		API Number			
Weld		BONANZA CREEK ENERGY		05-123-48261			
WELL NAME		RIG		JOB TYPE			
Antelope Y44-19-18MRLNC		Akita 519		Surface Casing			
SURFACE WELL LOCATION		CJES Field Supervisor		CUSTOMER REP			
40.378357 -104.3609		Derek Scott		Kenny Graham			
EMPLOYEES							
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	1638		
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	1628		
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):		946	To Depth (ft):		1638
Type: Lead		Volume (sacks):		290	Volume (bbls):		125
Cement & Additives:				Density (ppg)	Yield (ft³/sk)	Water Req.	
Type 3+				12	2.42	14.26	
Stage 2:		From Depth (ft):		0	To Depth (ft):		946
Type: Tail		Volume (sacks):		230	Volume (bbls):		60.2
Cement & Additives:				Density (ppg)	Yield (ft³/sk)	Water Req.	
Type 3+				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:		23 bbls of		Calculated Displacement (bbl):		122.3	Stage 1
		10 bbls of		Actual Displacement (bbl):		122.3	Stage 2
Total Preflush/Spacer Volume (bbl):		33		Plug Bump (Y/N):		Y	Bump Pressure (psi):
Total Slurry Volume (bbl):		185.2		Lost Returns (Y/N):		N	(if Y, when)
Total Fluid Pumped		340.5					
Returns to Surface:		Cement	50 bbls				
Job Notes (fluids pumped / procedures / tools / etc.):							
Job went well.							
Thank You For Using							
CJES O-TEX Cementing							
Customer Representative Signature: _____							

Cement Job Log



Customer:	BONANZA CREEK ENERGY		Date:	3/3/2019		Serv. Supervisor:	Derek Scott	
Cust. Rep.:	Kenny Graham		Ticket #:	BCO-1903-0003		Serv. Center	Brighton - 3021	
Lease:	Antelope Y44-19-18MRLNC		API Well #:	05-123-48261		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		290	12		2.42	14.26	124.80
Tail	100 % CJ922 +1.0 % CJ110+0.25 PPS CJ600		230	14.2		1.47	7.33	60.28
0								
Displacement Chemicals:								

Cement Job Log



Customer: BONANZA CREEK ENERGY				Date: 3/3/2019				Serv. Supervisor: Derek Scott				
Cust. Rep.: Kenny Graham				Ticket #: BCO-1903-0003				Serv. Center: Brighton - 3021				
Lease: Antelope Y44-19-18MRLNC				API Well #: 05-123-48261				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	GRADE	ID	BURST	COLLAPSE
						9/625" 24#	LTC	(ft) 1628	J-55	(in) 8.921	(psi) 3520	(psi) 2020
PREVIOUS CASING DATA				PERFORATED INTERVAL DATA				CASING EQUIPMENT DEPTHS				
				TOP	BTM	SPF	SIZE	SHOE	FLOAT	STAGE	ACP	
								1628	1584			
WELL FLUID		DISPLACEMENT FLUID			DIFF PRESS	CSG LIFT	MAX PRESS				WATER ON LOC (bbl)	
TYPE	DENSITY	VOLUME	TYPE	DENSITY	(psi)	(psi)	(psi)					
Mud	8.9 ppg	122.3 bbl	Water	8.3 ppg	400	650	750				400	
Time	Rate (bbl/min)	Csg. Press. (psi)	Tbg. Press (psi)	Ann. Press. (psi)	Stg. Vol. (bbl)	Cum. Vol. (bbl)	Stage Details					
4:10 PM						0	Arrive on location					
4:15 PM						0	Tailgate meeting					
4:20 PM						0	Wait for casing truck to move					
8:45 PM						0	Spot trucks/Rig in					
9:35 PM						0	Safety meeting					
9:43 PM	3.5	70			3	3	Fill lines					
9:47 PM		3600				3	Pressure test					
9:50 PM	3	150			10	13	Pump fresh ahead					
9:54 PM	3	150			10	23	Pump red dye					
9:58 PM	3	180			10	33	Pump fresh spacer					
10:01 PM	6	120			125	158	Pump 290sx Lead @ 12.0ppg 2.42yield					
10:25 PM	6	120			60.2	218.2	Pump 230sx Tail @ 14.2ppg 1.47yield					
10:39 PM	7.5	350			110	328.2	Drop plug on the fly/Dispalce with fresh					
11:05 PM	3.5	250			12.3	340.5	Stop down					
11:08 PM		1050					Bump plug					
11:10 PM							Check floats					
11:11 PM							Pressure up for casing test					
11:35 PM							Rig down					
12:20 AM							Pre-departure meeting					
1:00 AM							Leave location					
Left Yard	3/2/19 2:30 PM			Left Loc.	3/3/19 1:00 AM		Start Pump		3/2/19 9:43 PM			
Arrived Loc.	3/2/19 4:10 PM			Returned Yd.	3/3/19 2:00 AM		End Pump		3/2/19 11:10 PM			
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		
							Derek Scott		3/3/2019			
							Service Supervisor		Date			



Client	Bonanza Creek	Client Rep	Kenny Graham	Supervisor	Derek Scott
Ticket No.	19030003	Well Name	Antelope Y44-19-18MRLNC	Unit No.	445046
Location	SESE 19-5N-62W	Job Type	Surface Casing	Service District	Brighton, CO
Comments	290 sks Lead @12ppg 2.42 Yield 230 sks tail @14.2 ppg 1.47 yield				
				Job Date	03/02/2019

