

COUNTY	COMPANY	API Number
WELD	BONANZA CREEK ENERGY	05-123-50288
WELL NAME	RIG	JOB TYPE
State Antelope V-B-13HNB	Akita 519	CM-SURFACE CASING
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.401281 -104.263673	Larry Laslie	Kenny Graham

EMPLOYEES		
Francisco Corral-Flores		
Justin Lacome		
Sarah Avery		

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	1618		
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	1608		
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):	926
Type: Lead	Volume (sacks):	290	Volume (bbls):	127
Cement & Additives:		Density (ppg)	Yield (ft³/sk)	Water Req.
CJ922		12	2.46	14.48

Stage 2:	From Depth (ft):	926	To Depth (ft):	1618
Type: Tail	Volume (sacks):	230	Volume (bbls):	60.21
Cement & Additives:		Density (ppg)	Yield (ft³/sk)	Water Req.
		14.2	1.47	7.31

Stage 3:	From Depth (ft):		To Depth (ft):	
Type: Top Off	Volume (sacks):	12.5	Volume (bbls):	2.55
Cement & Additives:		Density (ppg)	Yield (ft³/sk)	Water Req.
100% CJ914		15.8	1.15	5

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

SUMMARY

Preflushes:	10 bbls of Fresh Water	Calculated Displacement (bbl):	121	Stage 1	Stage 2
	10 bbls of Dye	Actual Displacement (bbl):	121		
Total Preflush/Spacer Volume (bbl):	20	Plug Bump (Y/N):	Y	Bump Pressure (psi):	1000
Total Slurry Volume (bbl):	187.2	Lost Returns (Y/N):	N	(if Y, when)	
Total Fluid Pumped	207.2				
Returns to Surface:	Cement	40 bbls			

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

Topped off with 12.5 sx 15.8 ppg 1.15 y (2.55 bbls).

Thank You For Using

NexTier Completion Solutions

Customer Representative Signature:

Cement Job Log



Customer:	BONANZA CREEK ENERGY	Date:	5-Jan-20	Serv. Supervisor:	Larry Laslie		
Cust. Rep.:	Kenny Graham	Ticket #:	BCO-2001-0009	Serv. Center	Brighton - 3021		
Well Name:	STATE ANTELOPE V-B-13HNB	API Well #:	512350288	County:	WELD	State:	COLORADO
Well Type:	Oil	Rig:	Akita 519	Type of Job:	CM-SURFACE CASING		

Materials Furnished by NexTier

Plugs	Casing Hardware	Physical Slurry Properties						
		Sacks of Cement	Fluid Density (lb/gal)	Excess	Yield (cuft/sk)	Mix Water (gal/sk)	Fluid Volume (bbls)	Mix Water (bbls)
0				0%				
20 bbl Water				0%			20.00	
Lead	100 % CJ922 +2.0 % CJ110+2.0 % CJ101+0.25 PPS CJ600+0.4 % CJX157011+2.0 % CJ030	290	12	30%	2.46	14.48	127.17	100
Tail	100 % CJ922 +1.0 % CJ110+0.25 PPS CJ600+0.4 % CJX157011	230	14.2	30%	1.47	7.31	60.37	40
Displacement				0%			122.07	
				0%				
				0%				
				0%				
				0%				

Displacement Chemicals:	
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OPEN HOLE DATA		TUBULAR DATA									
13.5 in. O.H. 0 to 1,621 ft		9.625 in. 36#, (0 to 1,621 ft)			SIZE WEIGHT	THRD	DEPTH	GRADE	ID	BURST	COLLAPSE
							(ft)		(in)	(psi)	(psi)
Mix Cemt. Temperature °F	Lead Temp.	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	CSG LIFT	MAX PRESS	Total Number of Runs			WATER ON LOC (bbl)
TYPE	DENSITY	VOLUME	TYPE	DENSITY		(psi)	(psi)	(psi)				
mudd		121 bbl	H2O	8.3 ppg		500		1000	1			
Bumped Plug	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	Wireline Co.	
Yes		Y		40.00	-	Yes	1,000.00				0	

Comments/Special Customer Instructions

						Larry Laslie		5-Jan-20
						Service Supervisor		Date

1/7/2020



Client	Bonanza Creek Energy	Client Rep	Tim	Supervisor	Larry Laslie
Ticket No.	20010009	Well Name	Antelope V-B-13HNB	Unit No.	945063
Location	SENE 13 5N 62W	Job Type	Surface Casing	Service District	Brighton
Comments	Pump Per Proposal & Customer Request	Job Date			01/05/2020

