



# Job Summary

Ticket Number	Ticket Date
TN# BCO-2009-0019	9/10/2020

COUNTY	COMPANY	API Number
WELD (CO)	CUB CREEK ENERGY LLC	512347914
WELL NAME	RIG	JOB TYPE
KNIGHT 22	Ikon 12	CM-SURFACE CASING
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP
40.19784 -105.04205	Cody Baures	Trenton Rice

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

Stage 2:	From Depth (ft):		To Depth (ft):	
Type: Surface Plug	Volume (sacks):		Volume (bbls):	
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:	bbls of		Calculated Displacement (bbl):	Stage 1	Stage 2
	bbls of		Actual Displacement (bbl):		
	bbls of				
Total Preflush/Spacer Volume (bbl):			Plug Bump (Y/N):		Bump Pressure (psi):
Total Slurry Volume (bbl):			Lost Returns (Y/N):		(if Y, when)
Total Fluid Pumped					
Returns to Surface:					

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

Job notes go here!

Customer Representative Signature: \_\_\_\_\_

Thank You For Using  
NexTier Completion Solutions



Cement Job Log



Customer:	CUB CREEK ENERGY LLC	Date:	10-Sep-20	Serv. Supervisor:	Cody Baures		
Cust. Rep.:	Trenton Rice	Ticket #:	BCO-2009-0019	Serv. Center	Brighton - 3021		
Well Name:	KNIGHT 22	API Well #:	512347914	County:	WELD (CO)	State:	COLORADO
Well Type:	Oil	Rig:	Ikon 12	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%	-	-		
Spacer - 20 bbl Fresh Water				0%	-	-	20.00	
Lead	100 % NCM-922 +2.0 % NAC-101+2.0 % NAC-102+2.0 % NAC-110+0.4 % NFP-701+0.25 PPS NLM-600	205	11.8	8%	2.60	15.55	95.10	76
Tail	100 % NCM-922 +2.0 % NAC-101+2.0 % NAC-102+2.0 % NAC-110+0.4 % NFP-701+0.25 PPS NLM-600	150	13	8%	1.93	10.53	51.66	38
Displacement - To be Calculated on Loca				0%	-	-	112.72	
				0%	-	-		
				0%	-	-		
				0%	-	-		
				0%	-	-		
				0%	-	-		

Displacement Chemicals:	
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OPEN HOLE DATA				TUBULAR DATA						
13.5 in. O.H. 0 to 1,500 ft		9.625 in. 36#, ( 0 to 1,500 ft)		SIZE WEIGHT	THRD	DEPTH (ft)	GRADE	ID (in)	BURST (psi)	COLLAPSE (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

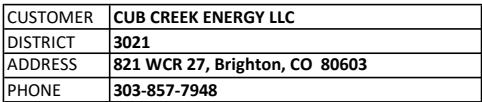
WELL FLUID		DISPLACEMENT FLUID				DIFF PRESS	CSG LIFT	MAX PRESS	Total Number of Runs		WATER ON LOC (bbl)
TYPE	DENSITY	VOLUME	TYPE	DENSITY		(psi)	(psi)	(psi)			
Bumped Plug	Final Differential (psi)	Floats Held (Y/N)	PSI Left on Casing	Cement to Surface (bbl)	Top of Cement (ft)	Full Circ. During Job (Y/N)	Max Pump Pressure (psi)	Casing Rotation	Additional Hrs Charged (hrs)	Casing Recirculation	Rathole Length (ft)

Comments/Special Customer Instructions:

	<div>Cody Baures</div> <div>Service Supervisor</div>
	<div>10-Sep-20</div> <div>Date</div>

# Cement Job Log

													
Customer:		CUB CREEK ENERGY LLC				Date:		10-Sep-20		Serv. Supervisor:		Cody Baures	
Cust. Rep.:		Trenton Rice				Ticket #:		BCO-2009-0019		Serv. Center:		Brighton - 3021	
Well Name:		KNIGHT 22		RTS Date:		10-Sep-2020		API Well #:		512347914		County: WELD (CO) State: COLORADO	
Well Type:		Oil		RTS Time:		9:31 PM		Rig:		Ikon 12		Type of Job: CM-SURFACE CASING	
		Date		Time		Date		Time		Date		Time	
Left Yard:		10-Sep-20		9:30 PM		Left Loc.:		11-Sep-20		12:30 AM		Start Pump: 10-Sep-20 10:36 PM	
Arrived Loc.:		10-Sep-20		9:31 PM		Returned Yd.:		11-Sep-20		1:15 AM		End Pump: 10-Sep-20 11:25 PM	
TIME		Rate		Csg. Press.		Tbg. Press.		Ann. Press.		Stg. Vol.		Cum. Vol.	
		(bbl/min)		(psi)		(psi)		(psi)		(bbl)		(bbl)	
												Stage Num.	
												Stage #	
9:30 PM												Left Yard or Current Location	
9:31 PM												ARRIVE ON LOCATION	
9:31 PM												1	RIG UP IRON AND HOSES
10:30 PM												1	PRE JOB SAFETY MEETING
10:36 PM		5	130					5.0 bbl	5.0 bbl			1	LOAD LINES TO TEST
10:37 PM			2650									1	TEST PUMP AND LINES TO ____ PSI
10:40 PM		6.5	140					15.0 bbl	20.0 bbl			1	START FRESH WATER SPACER
10:42 PM		6.5	270					94.0 bbl	114.0 bbl			1	START LEAD SLURRY
10:54 PM		7	340					50.5 bbl	164.5 bbl			1	START TAIL SLURRY @ ____ PPG / VERIFIED WITH SCALES
11:04 PM												1	DROP PLUG
11:06 PM		8	430					115.0 bbl	279.5 bbl			1	DISPLACEMENT
11:23 PM			930									1	LAND PLUG
11:24 PM												1	CHECK FLOATS - FLOATS HELD / ____ BBLs BACK
11:25 PM												1	JOB COMPLETE 9 BBLs CEMENT RETURNS
12:00 AM		← This entry is coming from Job Log (2)											
12:30 AM		← Note, these values are entered at the bottom of the Job Log (2)										LEFT LOCATION	
1:15 AM												ARRIVED BACK AT YARD OR NEXT LOCATION	
Comments/Special Customer Instructions													



TICKET	BCO-2009-0019		
DATE	9/10/2020		
CREW INFORMATION			
SUPERVISOR	Cody Baures		
PUMP UNIT			
NUMBERS			
ARRIVAL (D&T)	9/10/20 9:31 PM		
DEPARTURE (D&T)	9/11/20 12:30 AM		

## 951-JLPjob 1

## Materials & Products

Customer Stamp

Customer Name Printed \_\_\_\_\_

Customer Signature \_\_\_\_\_

Date Signed \_\_\_\_\_

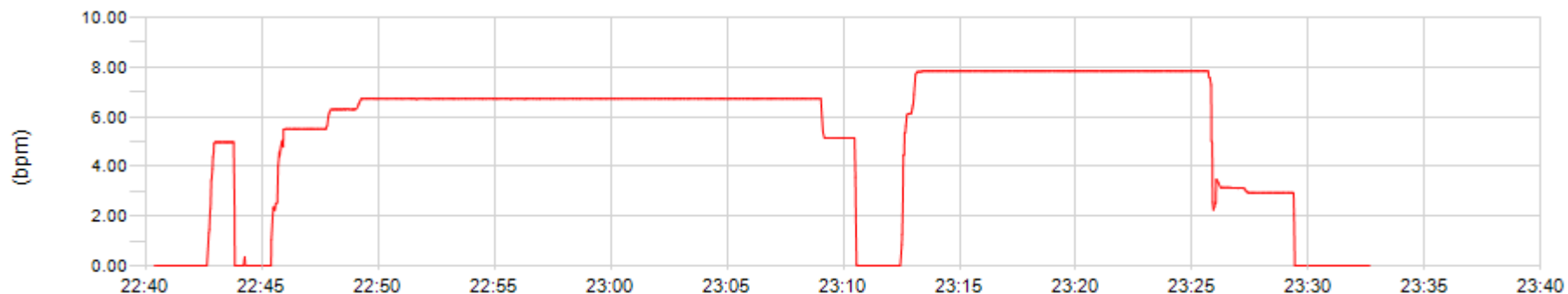


Client Cub Creek  
Ticket No. 20090019  
Location Sec. 30 T3N R68W  
Comments See Job Log

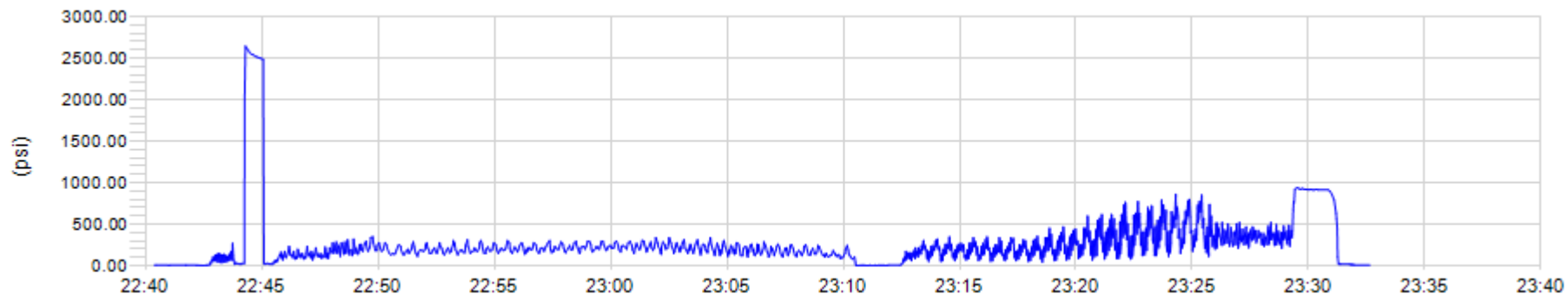
Client Rep Mr. Trento Rico  
Well Name Knight 22  
Job Type Surface Casing

Supervisor Cody Baures  
Unit No. 445084  
Service District Brighton, CO  
Job Date 09/10/2020

Unit 445084 Rate Total



Unit 445084 Pump Pressure



Unit 445084 Density

