

AFE #	DC-003134	PO:	
LEASE NAME / NUMBER			
STATE-FERGUSON 1			
API WELL NUMBER		COUNTY, STATE	
500107238		ADAMS (CO), COLORADO	
WELL PERMIT NUMBER			
JOB TYPE		CM-SQUEEZE JOB	
Vehicle Type		Single	

TICKET	BCO-2308-0018	
DATE	8/5/2023	
CREW INFORMATION		
SUPERVISOR	Anthony Staples	
PUMP UNIT	97-0061	
NUMBERS		
ARRIVAL (D&T)	8/5/23 10:25 AM	
DEPARTURE (D&T)	8/5/23 12:15 PM	

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Customer Stamp

Customer Name Printed _____
Customer Signature Bud Holman
Date Signed 8-5-23

PD-900073
8030.013



Job Summary

Ticket Number		Ticket Date	
TN# BCO-2308-0018		8/5/2023	
COUNTY	COMPANY	API Number	
ADAMS (CO)	PDC ENERGY	500107238	
WELL NAME	RIG	JOB TYPE	
STATE-FERGUSON 1	Ensign	CM-SQUEEZE JOB	
SURFACE WELL LOCATION	CJES Field Supervisor	CUSTOMER REP	
39.91705 -104.84312	Anthony Staples	Bud Holman	
EMPLOYEES			
MIKE ARTHUR		OSCAR QUERALES	
MARTIN VASQUEZ			
ISREAL CALDERON			
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	8.625	24		0	14	0	14
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):	14	To Depth (ft):	0
Type: Shoe Plugs	Volume (sacks):	7	Volume (bbls):	1.5
Cement & Additives:		Density (ppg)	Yield (ft³/sk)	Water Req.
100% NCM-914 + .4% NFL-551 + 4% NAC-101 + 2% NAC-110		15.8	1.21	5.13

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):		
Total Preflush/Spacer Volume (bbl):			Plug Bump (Y/N):		Bump Pressure (psi):
Total Slurry Volume (bbl):	1.5		Lost Returns (Y/N):		(if Y, when)
Total Fluid Pumped					
Returns to Surface:		bbls			

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

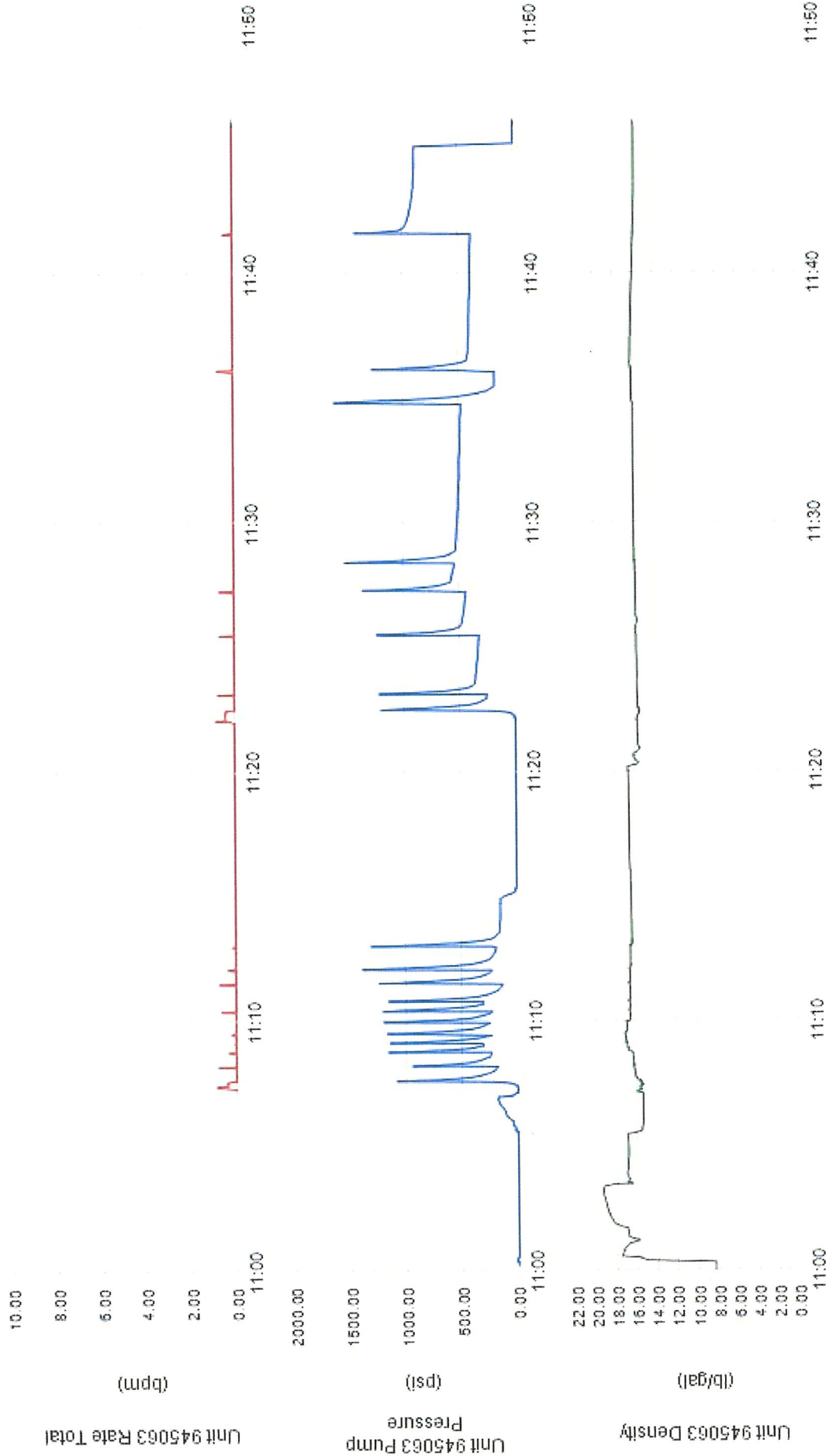
Pumped 7sks (1.5 bbls) of 15.8# Cement from 14 ft to Surface. Initial amount of Cement pumped was 1 bbl before pressured out waited until pressure came down then pumped again took this approach for a total of 1.5 bbls. Shut well in at 894 psi.

Customer Representative Signature: _____

Thank You For Using
NexTier Completion Solutions



Client	PDC	Client Rep	BUD	Supervisor	ANTHONY STAPLES
Ticket No.	23080018	Well Name	STATE FERGUSON 1-5	Unit No.	945063
Location		Job Type	Abandonment Plugs	Service District	BRIGHTON
Comments				Job Date	08/05/2023



Cement Job Log



NexTier Completion Solutions
3990 Rogerdale Rd., Houston, TX 77042
(713)325-6000

Customer:	PDC ENERGY					Date:	5-Aug-23			Serv. Supervisor:	Anthony Staples		
Cust. Rep.:	Bud Holman					Ticket #:	BCO-2308-0018			Serv. Center:	Brighton - 3021		
Well Name:	STATE-FERGUSON 1					API Well #:	500107238			County:	ADAMS (CO)	State:	COLORADO
Well Type:	Oil					Rig:	Ensign			Type of Job:	CM-SQUEEZE JOB		
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)	Fluid Volume (cuft)	Mix Water (bbls)
0										-		-	
0										-		-	
0										-		-	
5 bbls Water - Spacer										-	5.00	-	
Slurry - 25 sks Min Surface AGM Blend		100 % NCM-914 +0.4 % NFL-551+4.0 % NAC-101+2.0 % NAC-110				25	15.8		1.21	5.13	5.38	30.21	3
										-		-	
										-		-	
										-		-	
										-		-	
Displacement Chemicals:													
OPEN HOLE DATA			TUBULAR DATA										
							SIZE WEIGHT	THRD	DEPTH (ft)	GRADE	ID (in)	BURST (psi)	COLLAPSE (psi)
Ambient Tmp.	Bulk Tmp.	Slurry 1 Tmp.	Slurry 2 Tmp.	Slurry 3 Tmp.	Slurry 4 Tmp.								
70.0 °F		90.0 °F											
PREVIOUS CASING DATA			PERFORATED INTERVAL DATA						CASING EQUIPMENT DEPTHS				
8.625 in. 24# (0 to 14 ft)			TOP		BTM	SPF	SIZE	SHOE	FLOAT	STAGE	ACP		
WELL FLUID			DISPLACEMENT FLUID			DIFF PRESS (psi)	CSG LIFT (psi)	MAX PRESS (psi)	Mix H2O Chlorides (ppm)	Mix H2O pH	Mix H2O Temp	WATER ON LOC (bbl)	
TYPE	DENSITY	VOLUME	TYPE	DENSITY									
H2O	8.4 ppg		H2O	8.3 ppg				1300				40	
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 Reciprocation	Rathole Length (ft)		
			894.00		-	Yes	1,300.00	No	2.00	No			
Comments/Additional Details:													
								Anthony Staples Service Supervisor					
								5-Aug-23 Date					

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