

NEXTier		Job Summary		Ticket Number		Ticket Date	
		TN#		BCO-2207-0014		7/8/2022	
COUNTY		COMPANY		API Number			
WELD (CO)		Civitas Resources		512351228			
WELL NAME		RIG		JOB TYPE			
GROTHER 5-61 11A-2-3		Cartel 11		CM-SURFACE CASING			
SURFACE WELL LOCATION		CJES Field Supervisor		CUSTOMER REP			
40.409772 -104.18104		Anthony Barbara		Kenny Graham			
EMPLOYEES							
AJ Staples							
Gemayel Jones							
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	1966				
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	1970		
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):		1390
Type: LEAD		Volume (sacks):		385	Volume (bbls):		146
					cuft		820
Cement & Additives:				Density (ppg)	Yield (ft³/sk)	Water Req.	
100% NCM-922				+2.0%	12.5	2.13	12.10
NAC-101+2% NAC-110+0.4% NFP-703+0.25 PPS NLM-600							
Stage 2:		From Depth (ft):		1390	To Depth (ft):		1966
Type: TAIL		Volume (sacks):		205	Volume (bbls):		53.3
					cuft		299
Cement & Additives:				Density (ppg)	Yield (ft³/sk)	Water Req.	
100% NCM-922				+0.2%	14.2	1.46	7.31
NRT-213+0.4% NFP-703+0.25 PPS NLM-600							
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:		5 bbls of	Fresh Water	Calculated Displacement (bbl):		149	Stage 1
		20 bbls of	Fresh Water	Actual Displacement (bbl):		149	Stage 2
		bbls of					
Total Preflush/Spacer Volume (bbl):		25		Plug Bump (Y/N):		Y	Bump Pressure (psi):
Total Slurry Volume (bbl):		199.3		Lost Returns (Y/N):		n	(if Y, when)
Total Fluid Pumped		250					
Returns to Surface:		Cement	50 bbls				
Job Notes (fluids pumped / procedures / tools / etc.):							
Had issues with cement delivery from bin. Had to shut down a few time and slow.							
Customer Representative Signature:				Thank You For Using			
				NexTier Completion Solutions			

Cement Job Log



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

Customer:	Civitas Resources	Date:	8-Jul-22	Serv. Supervisor:	Anthony Barbara		
Cust. Rep.:	Kenny Graham	Ticket #:	BCO-2207-0014	Serv. Center	Brighton - 3021		
Well Name:	GROTHEER 5-61 11A-2-3	API Well #:	512351228	County:	WELD (CO)	State:	COLORADO
Well Type:	Oil	Rig:	Cartel 11	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)	Fluid Volume (cuft)	Mix Water (bbls)
0				0%	-	-		-	
Spacer - 20 bbl Fresh Water				0%	-	-	20.00	-	
Lead	100 % NCM-922 +2.0 % NAC-101+2.0 % NAC-110+0.4 % NFP-703+0.25 PPS NLM-600	385	12.5	15%	2.13	12.10	146.13	820.55	111
Tail	100 % NCM-922 +0.4 % NFP-703+0.25 PPS NLM-600	205	14.2	15%	1.46	7.31	53.49	300.32	36
Displacement - To be Calculated on Location				0%	-	-	147.51	-	
				0%	-	-		-	
				0%	-	-		-	
				0%	-	-		-	
				0%	-	-		-	

Displacement Chemicals:	
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OPEN HOLE DATA						TUBULAR DATA						
13.5 in. O.H. 0 to 1,950 ft			9.625 in. 36#, (0 to 1,950 ft)			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.							
61.0 °F		88.2 °F	88.5 °F			9.625" 36#	STC	1970	J-55	8.921	3520	2020
PREVIOUS CASING DATA			PERFORATED INTERVAL DATA				CASING EQUIPMENT DEPTHS					
			TOP	BTM	SPF	SIZE	SHOE	FLOAT	STAGE	ACP		
							1964	1923				
WELL FLUID		DISPLACEMENT FLUID				DIFF PRESS	CSG LIFT	MAX PRESS	Mix H2O Chlorides (ppm)	Mix H2O pH	Mix H2O Temp	WATER ON LOC (bbl)
TYPE	DENSITY	VOLUME	TYPE	DENSITY		(psi)	(psi)	(psi)				
Mud	9.0 ppg	149 bbl	H2O	8.3 ppg		477	782	1000	<200	7	4.4 °F	480
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)	
Yes	700.00	Y		50.00		Yes	780.00	No		No	3	

Comments/Additional Details:

						Anthony Barbara		8-Jul-22
						Service Supervisor		Date



Note: Red boxes indicate bad values!

Stage Details

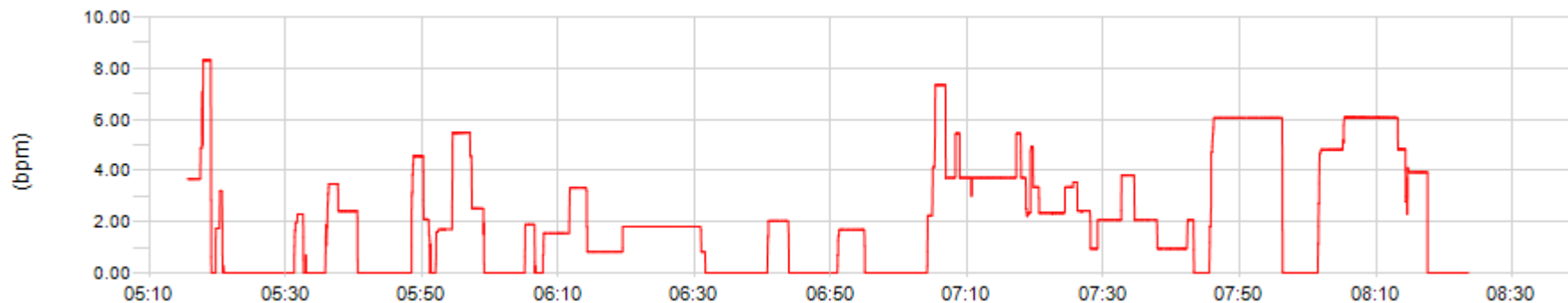


Client Civitas Resources
Ticket No. 22070014
Location Weld (CO)
Comments

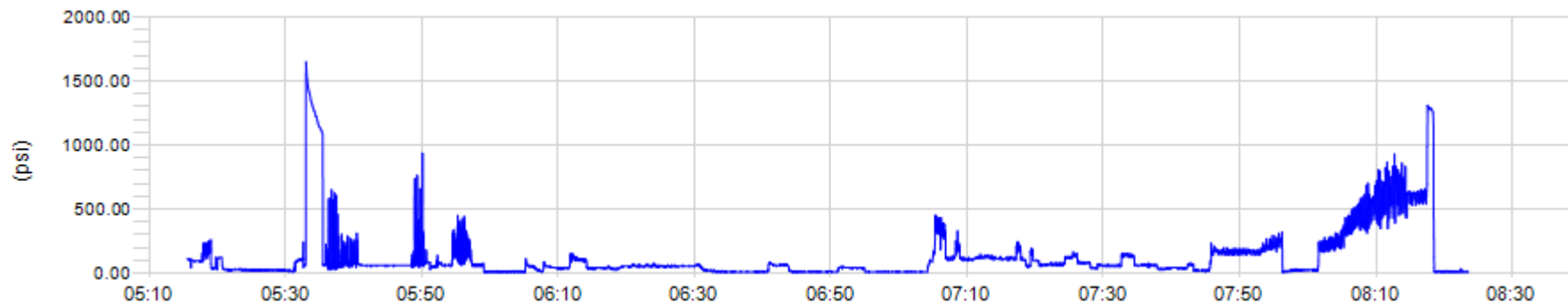
Client Rep Kenny
Well Name Grotheer 11A 2-3
Job Type Surface Casing

Supervisor Anthony Barbara
Unit No. 445084
Service District Brighton
Job Date 07/08/2022

Unit 445084 Rate Total



Unit 445084 Pump Pressure



Unit 445084 Density

