

Cement Post Job Report

Client: Civitas Resources

Well Name: T-Bone 22N-20-09

API #: 05-123-53015

Job Date: October 17, 2025

Job Type: New Well - 5.5" Production String

Cement Company & Contact: EXERO Well Integrity -
Cheve Meyer 720-239-3819



Treatment Report

Client	Civitas Resources			Job Type	Production	Job #	0
Well	T-Bone 22N-20-09			Wellhead Size	5 1/2" HP Cement Head	Thread	Buttress
Well MD (ft)	21586	BHCT	230	No. of Stages	1	Tool Type	
Well TVD (ft)	7257	BHST	230	Deviation deg		Tool Depth (ft)	
Maximum Casing/Drill Pipe/Tubing Collapse PSI				Maximum Casing/Drill Pipe/Tubing Burst PSI			
8880				9888			
String Type	Depth (ft)	OD (in)	ID (in)	Lbs/Ft	Grade	% Excess Lead	% Excess Tail
Production	21579	5.5	4.9	20	P110	0	0
Mud Properties - Circulation Details - Centralizers - Plugs							
Mud Type	OBM	Rotate (Y,N)	NO	Circulation Time (hh:mm)	2:30		
Mud Weight (ppg)	9.3	Rate (RPM)	-	Circulation Rate (bpm)	10		
Flow Line Temp (deg)		Torque Val.	-	Circulation Pressure (psi)	1497		
Vis. PerSec/Qt		Time (hh:mm)	-	Full Circulation (Y,N)			
PV (cP)		Reciprocate (Y,N)	NO	Gas (Y,N)			
Yield Point		Stroke (ft)	-	Gas Units			
10 Sec Gel		Recip. Time (hh:mm)	-	Centralizer Type			
10 min Gel		Stuck (Y,N)	NO	Centralizer Count			
30 Min Gel		Other	-	Top Plug(s)	1	Bottom Plug(s)	1
Stage 1 Spacer				Stage 2 Spacer(s)			
Spacer Type 1	Spacer	Volume (bbls)	80	Spacer Type 1		Volume (bbls)	
Density (ppg)	11.5	Rate (bpm)	10	Density (ppg)		Rate (bpm)	
Spacer Type 2		Volume (bbls)		Spacer Type 2		Volume (bbls)	
Density (ppg)		Rate (bpm)		Density (ppg)		Rate (bpm)	
Stage 1 Scavengers/Cap Cements - Class G				Stage 2 Scavengers/Cap Cements			
Sacks	456	% Excess	0	Sacks		% Excess	
Density (ppg)	13	Rate (bpm)	10	Density (ppg)		Rate (bpm)	
Yield	1.56	Top (ft)	0	Yield		Top (ft)	
Gal/Sk Mix Water	8.08			Gal/Sk Mix Water			
Volume (bbls)	126.7			Volume (bbls)	0.0		
Stage 1 Lead Cement - Class G				Stage 2 Lead Cement			
Sacks	859	% Excess	0	Sacks		% Excess	
Density (ppg)	13.2	Rate (bpm)	10	Density (ppg)		Rate (bpm)	
Yield	1.39	Top of Lead (ft)	1504	Yield		Top of lead (ft)	
Gal/Sk Mix Water	6.35			Gal/Sk Mix Water			
Volume (bbls)	212.7			Volume (bbls)	0.0		
Stage 1 Tail Cement - Class G				Stage 2 Tail Cement			
Sacks	2242	% Excess	0	Sacks		% Excess	
Density (ppg)	13.2	Rate (bpm)	10	Density (ppg)		Rate (bpm)	
Yield	1.52	Top of Tail (ft)	6702	Yield		Top of Tail (ft)	
Gal/Sk Mix Water	7.69			Gal/Sk Mix Water			
Volume (bbls)	606.9			Volume (bbls)	0.0		
Stage 1 Displacement Detail				Stage 2 Displacement Detail			
Fluid Type	Water	Bumped Plug (psi)	2800-3300	Fluid Type		Bumped Plug (psi)	
Density (ppg)	8.33	Biocide (gal)		Density (ppg)		Biocide (gal)	
Volume (bbl)	479	Clay Stabilizer		Volume (bbl)		Clay Stabilizer	
Rate (bpm)	10	Sugar (lbs)		Rate (bpm)		Sugar (lbs)	
Slowed Rate @	420	Retarder (lbs)		Slowed Rate @		Retarder (lbs)	
Final Displacement (bbls)	479			Final Displacement (bbls)			
Bumped Plug (Y,N)	Y			Bumped Plug (Y,N)			
Spacer to Surface (Y,N)	Y			Spacer to Surface (Y,N)			
Spacer to Surface Vol. (bbls)	80			Spacer to Surface Vol. (bbls)			
Cement to Surface (Y,N)	Y			Cement to Surface (Y,N)			
Cement to Surface Vol. (bbls)	55			Cement to Surface Vol. (bbls)			
Returns Thru Displacement (Y,N,Partial)	Y			Returns Thru Displacement (Y,N,Partial)			
Returns Lost (bbl away)				Returns lost (bbl away)			
Surface Top Out (Y,N)		bbls	0.0	MFC 47 (gal)	40	Cor. Inhib. (gal)	
Cement Type		gal/sk		MFC 67 (gal)	96	Clay Stay (gal)	
Sacks		T.O. Pipe (ft)		Defoamer (gal)	15	Fiber (lbs)	
Yield		% CC Added		Biocide (gal)	0	Sodium Silicate (bbls)	



JOB TREATMENT LOG

Client	Well Name & Number	Rig Name	Job Type	Start Date	Job #	Ambient Condition
Civitas Resources	T-Bone 22N-20-09	Patterson 345	Production	10/17/2025	0	Temp / Hum / Press 62 Deg F / 25% / 25.14 in

Date	Time	Density	Rate	Vol.	Total Vol.	Pressure	Job Treatment Comments
10/17/2025	8:45:00 AM						ARRIVED ON LOCATION
10/17/2025	9:00:00 AM						SPOT EQUIPMENT/ RIG UP
10/17/2025	2:45:00 PM						SAFETY MEETING
10/17/2025	2:50:00 PM						RIG UP CAP AND BOWL /DROP PLUG
10/17/2025	3:00:00 PM	8.33	3	3	3	350	FILL LINES 3 BBL FRESH WATER
10/17/2025	3:02:00 PM					6500	PSI TEST 6500 PSI
10/17/2025	3:03:00 PM	11.5	10	80	80		MIX AND PUMP 80 BBL SPACER @ 11.5 WITH SURFACTANT
10/17/2025	3:10:00 PM	13	10	127	127		MIX AND PUMP 127 BBL CAP LEAD @ 13 PPG (456 SKS, 1.56 Y, 8.08 GL/SK)
10/17/2025	3:24:00 PM	13.2	10	213	213		MIX ANN PUMP 213 BBL LEAD CEMENT @13.2 PPG(859 SKS, 1.39 Y, 6.35 GL/SK) TOL-
10/17/2025	3:46:00 PM	13.2	10	607	607		MIX AND PUMP 607 BBL TAIL CEMENT @ 13.2PPG (2242 SKS, 1.52 Y, 7.69GL/SK)TOT-
10/17/2025	4:49:00 PM						SHUT DOWN WASH PUMPS AND LINES
10/17/2025	4:49:00 PM						DROP PLUG
10/17/2025	4:59:00 PM	8.33	10	10	479	560	DISPLACE 479 BBL FRESH WATER WITH BIOCIDESUGAR IN FIRST 20BBL
10/17/2025	5:04:00 PM	8.33	10	50	479	2100	DISPLACE 479 BBL FRESH WATER
10/17/2025	5:09:00 PM	8.33	10	100	479	2600	DISPLACE 479 BBL FRESH WATER
10/17/2025	5:14:00 PM	8.33	10	150	479	300	DISPLACE 479 BBL FRESH WATER
10/17/2025	5:19:00 PM	8.33	10	200	479	3500	DISPLACE 479 BBL FRESH WATER
10/17/2025	5:25:00 PM	8.33	9	250	479	3500	DISPLACE 479 BBL FRESH WATER
10/17/2025	5:30:00 PM	8.33	9	300	479	3700	DISPLACE 479 BBL FRESH WATER
10/17/2025	5:37:00 PM	8.33	7.5	350	479	3600	DISPLACE 479 BBL FRESH WATER
10/17/2025	5:44:00 PM	8.33	7.5	400	479	3600	DISPLACE 479 BBL FRESH WATER
10/17/2025	5:48:00 PM	8.33	4	420	479	2800	DISPLACE 479 BBL FRESH WATER SLOWED RATE TO 4
10/17/2025	5:54:00 PM	8.33	4	450	479	2800	DISPLACE 479 BBL FRESH WATER
10/17/2025	5:56:00 PM	8.33	4	479	479	2800-3300	LAND PLUG 500 OVER FCP
10/17/2025	5:57:00 PM	8.33	2			2800-3700	BURST RUPTURE DISK @ 2 BPM
10/17/2025	5:58:00 PM	8.33	5			2200	PUMP 5 BBL WET SHOE @ 5 BPM
10/17/2025	6:00:00 PM						CHECK FLOATS /FLOATS HELD 4 BBL BACK
V	6:05:00 PM						FLUSH GROUND LINES
	6:15:00 PM						RIG DOWN
	7:45:00 PM						DEPART LOCATION

Production Pump Chart:

Date:10/17/2025

