

Cement Post Job Report

Client: Civitas Resources

Well Name: Grimm Motocross 4-65 23-24 4BH

API #: 05-005-07573

Job Date: July 17, 2025

Job Type: New Well - 5.5" Production String

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

EXERO

JOB TREATMENT REPORT

Client	Well	Rig	Job Type
Civitas Resources	Grimm Motocross 4-65 23-24 4BH	Patterson 345	Production
Wellhead Connection	Thread Type	BHST (DEG)	BHCT (DEG)
5 1/2" Cement Head	Buttress	220	220
Well MD (FT)	Well TVD (FT)	Deviation (DEG)	Number of Stages
18637	7992	90	1
Tool Type	Tool Depth	Max Cas./Tub/DP Burst (psi)	Max Cas./Tub/DP Collapse (psi)
		9888	8880

TUBULAR DETAILS

String	Depth (ft)	OH Size"	OD"	ID"	Grade	Lb/ft	% Excess Lead	% Excess Tail
Production	18627	8.5	5.5	4.778	P110	20	0	0

MUD PROPERTIES - CIRCULATION DETAILS - CENTRALIZER DATA

Mud Type	OBM	Rotate	No	Circulation Time (hrs)	1.5	
Mud Weight (ppg)	8.95	Rate (rpm)		Circulation Rate (bpm)	12	
Flow Line Temp (Deg)	115	Torque Val.		Circulation Pressure (psi)	1100	
Vis. Per Sec/Qt	38	Time		Full Circulation	Full	
PV (cP)	8	Reciprocate	No	Gas Present (Y,N) & Units	No	0
Yield Point	6	Stroke (Ft)		Centralizer Detail		
10 Sec. Gel	4	Recip. Time (hr)		Quantity & Type	Customer Provided	
10 Min. Gel	5	Stuck		Top Plug	Customer Provided	
30 Min. Gel	5			Bottom Plug	Customer Provided	

Spacer/Preflush	Stage 1	Stage 2
Type	Spacer	
Density (ppg)	11.5	
Volume (bbl)	120	
Rate (bpm)	10	
Type		
Density (ppg)		
Volume (bbl)		
Rate bpm)		

Stage 1 Lead - Class G	
Density (ppg)	13
Sacks	612
Volume (bbls)	170.0
Rate (bpm)	11
Yield cuft/sk	1.56
Gallon/sk	8.08
% Excess	0
TOL (ft)	0

Stage 1 Tail - Class G	
Density (ppg)	
Sacks	
Volume (bbls)	0.0
Rate (bpm)	
Yield cuft/sk	
Gallon/sk	
% Excess	
TOT (ft)	

Stage 2 Lead	
Density (ppg)	13.2
Sacks	727
Volume (bbls)	180.0
Rate (bpm)	11
Yield cuft/sk	1.39
Gallon/sk	6.35
% Excess	0
TOL (ft)	2622

Stage 2 Tail	
Density (ppg)	13.2
Sacks	1674
Volume (bbls)	480.0
Rate (bpm)	11
Yield cuft/sk	1.61
Gallon/sk	7.86
% Excess	0
TOT (ft)	6862

Displace	Stage 1	Stage 2
Fluid Type	Water	
Density (ppg)	8.3	
Volume (bbl)	413.4	
Rate (bpm)	8	
Slowed @?	393	
Bumped to?	2400	
Biocide?	Yes	
Clay Stay?	No	

Post Job Volumes and Pressures

Final Displacement (bbls)	413.4
Bumped plug?	Yes
Final Bump Pressure (psi)	2850
Full Returns Through Job?	Full
Vol. When Lost Returns (bbl)	
Vol. When Regained? (bbl)	
Spacer to Surface?	Yes
Spacer vol. to Surface (bbl)	120
Cement to Surface	Yes
Cement vol. Stg 1 to Surf?	44
Cement vol. Stg 2 to Surf?	

Surface Job Top Out	
Cement Type	
Density (ppg)	
Sacks	
Gallon/sk	
Yield cuft/sk	
Cal. Chlor (lbs)	
Top Out Pipe Used	
Top Out Pipe (ft)	
Annulus Holding	
Sodium Silicate Used	

Job Summary (Chems Used)	
MFC-47 (gal)	60
MFC-67 (gal)	144
Defoamer (gal)	20
Biocide (gal)	
Corrosion Inhib (gal)	
Clay Stabilizer (gal)	
Fiber (lbs)	
Cal. Chloride (lbs)	
Retarder (lbs)	
Other	

Job Log

Client	Well Name & Number	Rig Name	Job Type	Start Date	Ambient Conditions		
Civitas Resources	Grimm Motocross 4-65 23-24 4BH	Patterson 345	Production	7/17/2025	Temp / Hum / Air Press 64 Deg F / 80% / 25.08 in		
Date	Time	Density	Rate	Vol.	Total Vol.	Pressure	Job Treatment Comments
7/16/2025	10:00:00 PM						CREW CALLED OUT FOR ON LOCATION TIME 08:00 7/17/2025
7/17/2025	6:30:00 AM						CREW ARRIVED AT CUSTOMER LOCATION
7/17/2025	7:00:00 AM						RIG UP ALL IRON AND HOSES
7/17/2025	10:20:00 AM						DROP BOTTOM PLUG
7/17/2025	10:25:00 AM						SAFETY MEETING
7/17/2025	10:38:00 AM	8.33	3	3	3	350	FILL LINES 3 BBL FRESH WATER
7/17/2025	10:40:00 AM					6500	PRESSURE TEST PUMP AND LINES TO 6500 PSI
7/17/2025	10:42:00 AM	11.5	5	0	0	525	BEGIN PUMPING 11.5 PPG SPACER + SURFACTANT
7/17/2025	10:50:00 AM	11.5	10	50	50	1050	PUMPING SPACER
7/17/2025	10:57:00 AM	11.5	10	120	120	800	PUMPING SPACER
7/17/2025	10:57:00 AM	13	10	0	0	550	BEGIN PUMPING 13 PPG CAP CEMENT. DENSITY VERIFIED WITH MUD SCALE
7/17/2025	11:02:00 AM	13	11	50	50	600	PUMPING CAP CEMENT
7/17/2025	11:06:00 AM	13	11	50	100	580	PUMPING CAP CEMENT
7/17/2025	11:13:00 AM	13	11	70	170	635	PUMPING CAP CEMENT
7/17/2025	11:13:00 AM	13.2	11	0	0	605	BEGIN PUMPING 13.2 PPG LEAD CEMENT. DENSITY VERIFIED WITH MUD SCALE
7/17/2025	11:18:00 AM	13.2	11	50	50	615	PUMPING LEAD CEMENT
7/17/2025	11:23:00 AM	13.2	11	50	100	600	PUMPING LEAD CEMENT
7/17/2025	11:27:00 AM	13.2	11	50	150	625	PUMPING LEAD CEMENT
7/17/2025	11:30:00 AM	13.2	11	30	180	605	PUMPING LEAD CEMENT
7/17/2025	11:30:00 AM	13.2	11	0	0	595	BEGIN PUMPING 13.2 PPG TAIL CEMENT. DENSITY VERIFIED WITH MUD SCALE
7/17/2025	11:35:00 AM	13.2	11	50	50	635	PUMPING TAIL CEMENT
7/17/2025	11:40:00 AM	13.2	11	50	100	805	PUMPING TAIL CEMENT
7/17/2025	11:45:00 AM	13.2	11	50	150	625	PUMPING TAIL CEMENT
7/17/2025	11:49:00 AM	13.2	11	50	200	695	PUMPING TAIL CEMENT
7/17/2025	11:53:00 AM	13.2	11	50	250	655	PUMPING TAIL CEMENT
7/17/2025	11:58:00 AM	13.2	11	50	300	670	PUMPING TAIL CEMENT
7/17/2025	12:02:00 PM	13.2	11	50	350	690	PUMPING TAIL CEMENT
7/17/2025	12:07:00 PM	13.2	11	50	400	745	PUMPING TAIL CEMENT
7/17/2025	12:12:00 PM	13.2	11	50	450	1050	PUMPING TAIL CEMENT
7/17/2025	12:16:00 PM	13.2	11	30	480	1150	PUMPING TAIL CEMENT
7/17/2025	12:16:00 PM						SHUT DOWN. WASH UP PUMP AND LINES
7/17/2025	12:23:00 PM	8.33	10	0	0	110	DROP TOP PLUG. BEGIN FRESH WATER DISPLACEMENT + BIOCIDES
7/17/2025	12:28:00 PM	8.33	10	50	50	1450	PUMPING DISPLACEMENT. SUGAR IN FIRST 10 BBL
7/17/2025	12:33:00 PM	8.33	11.7	50	100	2500	PUMPING DISPLACEMENT
7/17/2025	12:39:00 PM	8.33	8.7	50	150	2600	PUMPING DISPLACEMENT
7/17/2025	12:45:00 PM	8.33	7.7	50	200	3000	PUMPING DISPLACEMENT
7/17/2025	12:52:00 PM	8.33	7	50	250	3010	PUMPING DISPLACEMENT. SPACER TO SURFACE AT 249 BBL. 120 BBL TO SURFACE
7/17/2025	12:59:00 PM	8.33	7	50	300	3400	PUMPING DISPLACEMENT
7/17/2025	1:07:00 PM	8.33	7	50	350	3000	PUMPING DISPLACEMENT
7/17/2025	1:13:00 PM	8.33	7	43	393	3100	PUMPING DISPLACEMENT. CEMENT TO SURFACE AT 369 BBL. 44 BBL TO SURFACE
7/17/2025	1:17:00 PM	8.33	3	20.4	413.4	2400	PUMPING DISPLACEMENT
7/17/2025	1:17:00 PM					2850	LAND PLUG. FCP - 2400 PSI, BUMPED TO 2850 PSI
7/17/2025	1:19:00 PM	8.33		1.5	1.5	3800	BURST DISK AT 3800 PSI
7/17/2025	1:21:00 PM	8.33		5	5	2600	PUMP 5 BBL WET SHOE
7/17/2025	1:23:00 PM						SHUT DOWN. CHECK FLOATS. FLOATS HELD, 3 BBL BACK
7/17/2025	1:33:00 PM						FLUSH SURFACE LINES
7/17/2025	1:45:00 PM						RIG DOWN
7/17/2025	3:00:00 PM						DEPART LOCATION

Grimm Motocross 4-65 23-24 4BH Production Pump Chart:

— discharge pressure PS psi — discharge rate combined bpm — backup density lbm/galUS

