



US Treatment Report

Customer: CIVITAS RESOURCES

Rep: Josh Johnson

Supervisor: MICHAEL LOPEZ

Job Type: Primary
Casing-Surface

Rig: Patterson 345

Well: Watkins 4-64 30-29 4AH

UWI: Watkins 4-64 30-29 4AH

Surface: Watkins 4-64 30-29 4AH

Job #: JOB00173774

Job Date Dec 30 @ 00:00

Time Requested: Dec 30 @ 19:00

Time Arrived: Dec 30 @ 23:30

Time Released: Dec 31 @ 02:00

1375 sk MAG S 13.3 + 0.10% MCDF-P

Yield: 1.44 ft³/sk = 352.64bbls Mix Water: 7.01 gal/sk = 9638.75gal

BHCT (F)	100	BHST (F)	144	Surface Casing Size (in)	9.625
Surface Casing Grade	J-55	Surface Casing Weight (lb/ft)	36	Float Depth (ft)	3256
Max Pressure (psi)	1500	Mud Type	WBM	Plug Size (in)	9.625
Plug Type	Rig Supplied	TMD (ft)	3296	TVD (ft)	3250

Treatment Info: Sacks Used: 1375 Sacks Not Used: 0

Preflush: 10bbls MAG Mark & 10bbls Fresh Water

Displace: 251.68bbls Fresh Water

Circulation Time: 1

Slurry Temp: 75 Bulk Sample: Yes

Water Temp: 43 Water Sample: Yes

Bulk Temp: 68 Slurry Sample: Yes

Air Temp: 32 Air Pressure 30.1

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Slurry Returns: 62 Plug Bumped: Yes Pump Out Lines: No Float Held: Yes

Cement Class: Type III Humidity: 47 Precipitation: 1

Further Blend Details:

Prehydrated: NA

Additional Details (General Notes):

Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/mi n	Treatment Detail
00:58	0.00					Stop Pumping
00:59	0.00					Drop Plug - COMPANY MAN VERIFIED
22:40	0.00					Arrive on Location
23:00	0.00					Safety Meeting - SPOKE WITH COMPANY MAN; WATER TESTED: PH-8; HARDNESS-25 PPM; CHLORIDES- 296 PPM
23:32	200.00		5	5	3	Fill Lines - BOTTOM PLUG LOADED COMPANY MAN VERIFIED
23:38	3,100.00					Start Pressure Test -
23:40	160.00		15	15	3	Pump Preflush - 5 BBLS OF MAG MARK; 10 BBLS OF FRESH

23:49	350.00		352.6	352.6	6	Pump Slurry - MAG S 13.3; 1375 SKS; 1.44 CUFT/SKS; 7.01 GAL/SK; TT: 3:53; TOT:SURFACE: 62 BBLS; WET SAMPLE WEIGHED
01:00	1,200.00		231.68	231.68	8	Displace - FW; FIRST 20 BBLS - 6.5 BPM - 200 PSI; 70 BBLS - 7.5 BPM - 320 PSI ; 100 BBLS - 8.5 BPM - 650 PSI; 150 BBLS - 9 BPM -1000 PSI; 200 BBLS - 7 BPM - 1100 PSI; 231.68 BBLS - 7 - 1200 PSI
01:31	1,000.00		20	251.7	4	Decrease Rate - LAST 20 BBLS
01:34	1,500.00					Bump Plug - BUMP: 1500 PSI; CIRC. PRESS: 930 PSI
01:35	0.00					Check Floats - 2 BBL BACK
02:00	0.00					Leave Location



Customer: CIVITAS RESOURCES

Date: December 31, 2023

Ticket: 173774

Location: Watkins 4-64 30-29 4AH

Well Name: Watkins 4-64 30-29 4AH

Job Type: 9.625 SURFACE

Magnum Unit #: 1604

