



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 3BH

UWI: Watkins 4-64 30-29 3BH

Surface: Watkins 4-64 30-29 3BH

Job #: JOB00173815

Job Date Dec 31 @ 00:00

Time Requested: Dec 31 @ 22:00

Time Arrived: Dec 31 @ 19:00

Time Released: Dec 31 @ 23:30

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)	3233
Max Pressure (psi)	1500	Mud Type	WBM	Plug Size (in)	9.625
Plug Type	Rig Supplied	TMD (ft)	3274	TVD (ft)	3252

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

Preflush: 10bbls MAG Mark & 10bbls Fresh Water

Displace: 249.9bbls Fresh Water

Circulation Time: 1

Slurry Temp: 75 Bulk Sample: Yes

Water Temp: 75 Water Sample: Yes

Bulk Temp: 68 Slurry Sample: Yes

Air Temp: 28 Air Pressure 30.2

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Slurry Returns: 69 Plug Bumped: Yes Pump Out Lines: No Float Held: Yes

Cement Class: Type III Humidity: 63 Precipitation: 3

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
19:00	0.00					Arrive on Location
19:30	0.00					Safety Meeting - SPOKE WITH COMPANY MAN; WATER TESTED: PH-8; HARDNESS-25 PPM; CHLORIDES- 296 PPM
20:04	500.00		5	5	3	Fill Lines - BOTTOM PLUG LOADED COMPANY MAN VERIFIED
20:07	3,100.00					Start Pressure Test -
20:09	900.00		15	15	6.5	Pump Preflush - 5 BBLS OF MAG MARK; 10 BBLS OF FRESH
20:15	1,200.00		352.6	352.6	6.5	Pump Slurry - MAG S 13.3; 1375 SKS; 1.44 CUFT/SKS; 7.01 GAL/SK; TT: 3:53; TOT: SURFACE: 69 BBLS; WET SAMPLE WEIGHED
21:31	0.00					Stop Pumping
21:36	0.00					Drop Plug - COMPANY MAN VERIFIED

21:37	1,300.00		229.9	229.9	8	Displace - FW; FIRST 20 BBLS - 8 BPM - 750 PSI; 70 BBLS - 8 BPM - 500 PSI ; 100 BBLS - 8 BPM - 1000 PSI; 150 BBLS - 6 BPM - 900 PSI; 200 BBLS - 6 BPM - 1000 PSI; 229.9 BBLS - 6 - 1300 PSI
22:15	1,000.00		20	249.9	3	Decrease Rate - LAST 20 BBLS
22:21	1,500.00					Bump Plug - BUMP: 1500 PSI; CIRC. PRESS: 960 PSI
22:24	0.00					Check Floats - 2 BBL BACK
23:30	0.00					Leave Location



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Date: December 31, 2023

Ticket: JOB00173815

Location: Watkins 4-64 30-29 3BH

Well Name: Watkins 4-64 30-29 3BH

Job Type: 9.625 SURFACE

Magnum Unit #: 1604

