



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 3AH

UWI: Watkins 4-64 30-29 3AH

Surface: Watkins 4-64 30-29 3AH

Job #: JOB00173842

Job Date Jan 01 @ 00:00

Time Requested: Jan 01 @ 22:00

Time Arrived: Jan 01 @ 18:30

Time Released: Jan 01 @ 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)	3243
Max Pressure (psi)	1500	Mud Type	WBM	Plug Size (in)	9.625
Plug Type	Rig Supplied	TMD (ft)	3284	TVD (ft)	3268

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

Preflush: 10bbls MAG Mark & 10bbls Fresh Water

Displace: 250.68bbls Fresh Water

Circulation Time: 1

Slurry Temp: 75 Bulk Sample: Yes

Water Temp: 53 Water Sample: Yes

Bulk Temp: 68 Slurry Sample: Yes

Air Temp: 34 Air Pressure 30.1

2

Slurry Returns: 20 Plug Bumped: Yes Pump Out Lines: No Float Held: Yes

Cement Class: Type III Humidity: 50 Precipitation: 5

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
18:30	0.00					Arrive on Location
20:00	0.00					Safety Meeting - SPOKE WITH COMPANY MAN; WATER TESTED: PH-8; HARDNESS-25 PPM; CHLORIDES- 296 PPM
20:36	500.00		5	5	4.5	Fill Lines - BOTTOM PLUG LOADED COMPANY MAN VERIFIED
20:38	3,240.00					Start Pressure Test -
20:41	500.00		15	15	6.5	Pump Preflush - 5 BBLS OF MAG MARK; 10 BBLS OF FRESH
20:49	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: 20 BBLS; WET SAMPLE WEIGHED
21:50	0.00					Stop Pumping
21:54	0.00					Drop Plug - COMPANY MAN VERIFIED

21:55	1,400.00		230.68	230.68	9	Displace - FW; FIRST 20 BBLS - 4.5 BPM - 300 PSI; 70 BBLS - 6 BPM - 450 PSI ; 100 BBLS - 9 BPM - 1300 PSI; 150 BBLS - 7.5 BPM - 1200 PSI; 200 BBLS - 5 BPM - 1160 PSI; 230.68 BBLS - 65- 1400 PSI
22:34	838.00		20	250.68	3	Decrease Rate - LAST 20 BBLS
22:41	1,500.00					Bump Plug - BUMP: 1500 PSI; CIRC. PRESS: 838 PSI
22:43	0.00					Check Floats - 2 BBL BACK
23:30	0.00					Leave Location



Customer: CIVITAS

Date: January 1, 2023

Ticket: JOB00173842

Location: Watkins 4-64 30-29 3AH

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

Job Type: 9.625 SURFACE

Magnum Unit #: 1014

