

## US Treatment Report

**Customer:** CIVITAS RESOURCES

Rep: Josh Kleison

**Supervisor:** MICHAEL LOPEZ

**Job Type:** US Primary

## Casing-Surface

**Riq:** Patterson 345

**Well:** State Bierstadt 4-65 35-34 3BH

**UWI:** State Bierstadt 4-65 35-34 3BH

**Surface:** SENE 35 4S65W 6

**Job #:** JOB00178360**Job Date** Feb 29 @ 00:00

**Time Requested:** Feb 29 @ 00:00

**Time Arrived:** Feb 29 @ 01:00

**Time Released:** Feb 29 @ 06:30

1310 sk MAG S 13.3 + 0.10% MCDF-P

Yield: 1.46 ft<sup>3</sup>/sk = 340.63bbls      Mix Water: 7.14 gal/sk = 9353.4gal

CONDUCTOR Size (in)	15.562	SURFACE Size (in)	9.625	SURFACE Grade	J-55
SURFACE Weight (lb/ft)	36	Float Depth (ft)	3460	Max Pressure (psi)	1500
Plug Size (in)	9.625	Plug Type	Rig	TMD (ft)	3508
TVD (ft)	3435		Supplie d		
			SHOE DEPTH		3497

Treatment Info:	Sacks Used: 1310	Sacks Not Used: 0
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Preflush: 10bbls MAG Mark & 10bbls Fresh Water

Displace: 267.5bbbls Fresh Water

Circulation Time: 1

Slurry Temp: 75      Bulk Sample: Yes

Water Temp: 65    Water Sample: Yes

Bulk Temp: 68      Slurry Sample: Yes

Air Temp: 32      Air Pressure 29.9

Slurry Returns: 1 Plug Bumped: Yes Pump Out Lines: No Float Held: Yes

Cement Class: Type III Humidity: 47 Precipitation: 0

### Further Blend Details:

Prehydrated:	NA
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Additional Details (General Notes):

Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/mi n	Treatment Detail
01:00	0.00					Arrive on Location
03:00	0.00					Safety Meeting - SPOKE WITH COMPANY MAN; WATER TESTED: PH-8; HARDNESS-25 PPM; CHLORIDES- 296 PPM
03:34	97.00		3	3	2	Fill Lines - BOTTOM PLUG LOADED COMPANY MAN VERIFIED
03:37	3,900.00					Start Pressure Test
03:39	320.00		20	20	3.5	Pump Preflush - 10 BBLS OF MAG MARK; 10 BBLS OF FRESH
03:44	530.00		340.6	340.6	6	Pump Slurry - MAG S 13.3; 1310 SKS; 1.46 CUFT/SKS; 7.14 GAL/SK; TT: 3:53; TOT: SURFACE: 1 BBL; 85 LBS/SK; WET SAMPLE WEIGHED
04:50	0.00					Stop Pumping

04:51	0.00					Drop Plug - COMPANY MAN VERIFIED
04:54	1,200.00		247.5	247.5	8	Displace - FW; FIRST 20 BBLS - 6 BPM - 250 PSI; 70 BBLS - 8 BPM - 400 PSI ; 100 BBLS - 8 BPM - 575 PSI; 150 BBLS - 8 BPM - 895 PSI; 200 BBLS - 8 BPM - 1100 PSI; 247.5 BBLS - 8-1200 PSI
05:36	1,500.00					Bump Plug - 1500 PSI; CIRC. PRESS: 900 PSI, BUMPED IT UP TO 2000 PSI
05:37	0.00					Check Floats - 1.5 BBL BACK
05:53	900.00		20	267.4	3.5	Decrease Rate - LAST 20 BBLS
06:30	0.00					Leave Location - WASHUP TRUCK THEN LEAVE LOCATION

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Customer: CIVITAS

Date: February 29, 2024

Ticket: JOB00178360

Location: State Bierstadt 4-65 35-34 3BH

Well Name: State Bierstadt 4-65 35-34 3BH

Job Type: 9.625 SURFACE

Magnum Unit #: 1507

