Post Job Report

Service with Integrity

Customer: BISON IV OPERATING LLC

Job Type: Plug and Abandonment

Job Date: 06/27/2024

Well Name: Malo 1

API #: 05-123- 05497

Service Station: Cheyenne

Client Representative: Jake Van Bramer

Sales Representative: Josh Hoffman

Author: Yithanllily Silvester

Disclaimer

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Table of Contents

1. Well Properties

Well Properties	
Open Hole Size (in)	8.75
Surface Casing Size (in)	10.75
Grade / Weight (lb/ft)	TBD
TVD/TMD (ft)	6737
BHCT / BHST (F)	153/181 (TD)

Cement Blend Data

This is the blend data of the Cement ordered for the job.

Blend Description	Cement Properties
Base Cement Blend : MAG G 15.8	
Mix Water (gal/sk)	4.99
Yield (ft^3/sk)	1.15

2. Job Sequence / Procedure 1of 2

US Treatment Report

Magnum Cementing Services

Customer: BISON OIL & GAS
Rep: Rusty Tucker
Supervisor: WILLIAM (WAYNE) SILVESTER
Job Type: US Remedial Plug-Abandonment
Rig: Rigless
Well: Malo 1
UWI: Malo 1
Surface: Malo 1
Job #: JOB00185976
Job Date 6/27/2024
Time Requested: 12:00:00 AM
Time Arrived: 5:00:00 AM
Time Released: 8:00:00 PM

50 sk	MAG G 15.8 + 0.30% MCFR-2 + 0.40% MCR-1 + 0.10% MCDF-P	Yield: 1.15 ft3/sk = 10.24bbls Mix Water: 4.99 gal/sk = 249.5gal
120 sk	MAG G 15.8 + 0.30% MCFR-2 + 0.40% MCR-1 + 0.10% MCDF-P	Yield: 1.15ft3/sack = 24.58bbls Mix Water: 4.99gal/sack = 598.8gal
120 sk	MAG G 15.8 + 2.00% MCA-1 + 0.30% MCFR-2 + 0.10% MCDF-P	Yield: 1.15ft3/sack = 24.58bbls Mix Water: 4.99gal/sack = 598.8gal
200 sk	MAG G 15.8 + 2.00% MCA-1 + 0.30% MCFR-2 + 0.10% MCDF-P	Yield: 1.15ft3/sack = 0bbls Mix Water: 4.99gal/sack 998 gal
93 sk	MAG G 15.8 + 2.00% MCA-1 + 0.30% MCFR-2 + 0.10% MCDF-P	Yield: 1.15ft3/sack = 0bbls Mix Water: 4.99gal/sack 464.07gal

BHCT (F)	153	BHST (F)	181	TUBING Size (in)	2.875
TUBING Weight (lb/ft)	6.5	TUBING Size (in)	2.875	TUBING Grade	L80
TUBING Weight (lb/ft)	6.5	TUBING Size (in)	2.875	TUBING Weight (lb/ft)	6.5
Max Pressure (psi)	2500	Max Tbg Pressure (psi)		TMD (ft)	6737
TVD (ft)	6737				

Treatment Info: Sacks Used: 383 Sacks Not Used: 107

Preflush: 5bbls Fresh Water & 20bbls Fresh Water 4 bbls Fresh Water

		Circulation Time:	
Slurry Temp:	74	Bulk Sample:	Yes
Water Temp:	66	Water Sample:	Yes
Bulk Temp:	86	Slurry Sample:	Yes
Air Temp:	86	Air Pressure	29.74
Slurry Returns:	Plug Bumped:	Pump Out Lines:	Yes
Cement Class:	OWG	Humidity:	31
		Float Held:	
		Precipitation:	0

Displace: 36bbls Fresh Water & 30bbls Fresh Water 6.0 bbls Fresh Water & 1.0 Fresh Water

Further Blend Details:

Prehydrated: YES

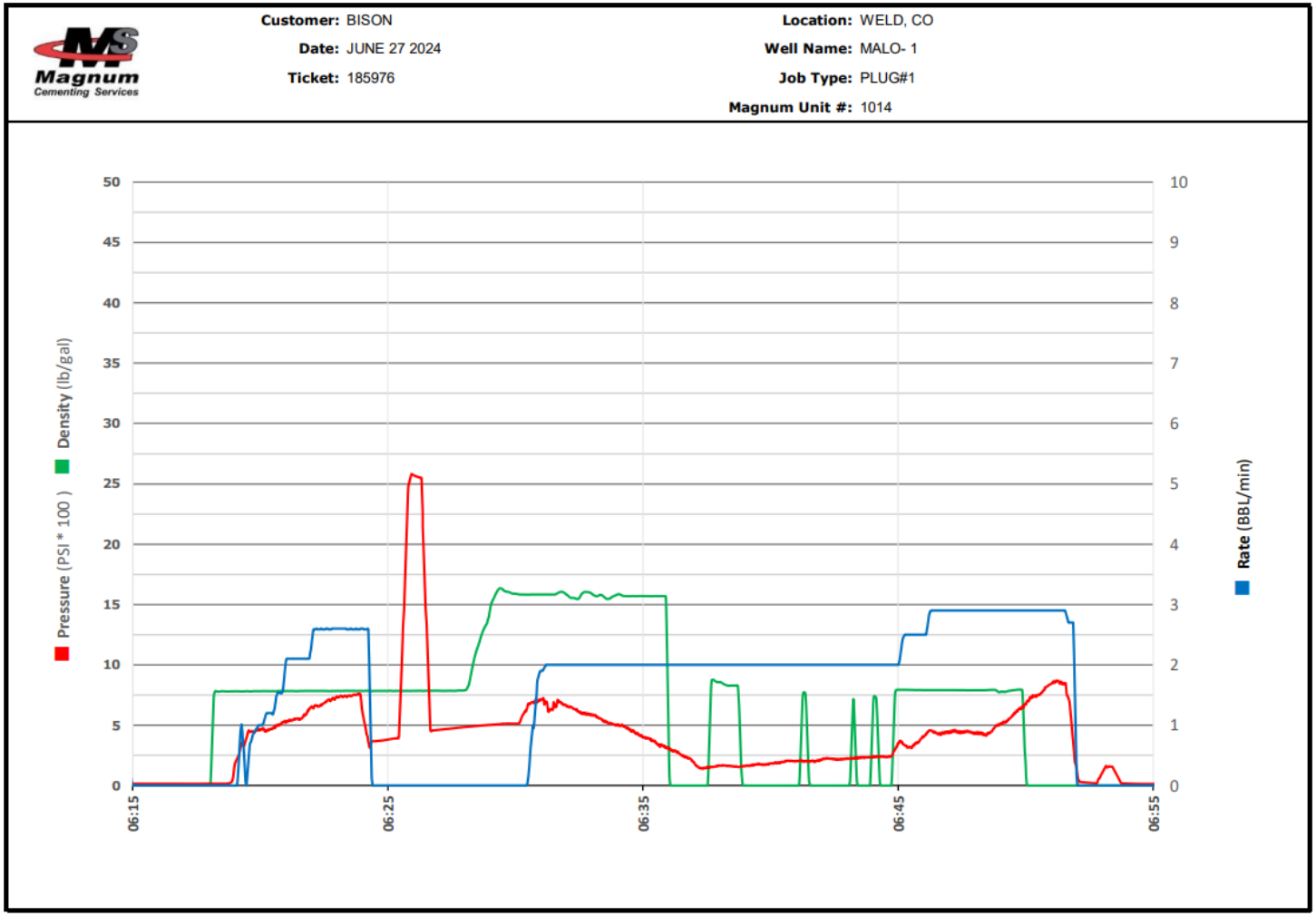
Additional Details (General Notes):

Time	Pressure psi	Annular Pressure psi	Volume Per Stage bbls	Total Stage Volume bbls	Rate bbls/min	Treatment Detail
05:00	0.00					Arrive on Location - ARRIVE ON LOCATION SPOKE WITH COMPANY REP ABOUT DEPTHS,VOL,WATER REQ, TEMP WATER TEST COMPLETE PH= 7, TOTAL HARDNESS = 50, CHLORIDES= 276 TEMP = 67 F
05:30	0.00					Safety Meeting - HELD JSA WITH RIG CREW AND COMPANY REP SPOKE ABOUT, STOP WORK AUTHORITY, PRESSURE SAFETY,HAND AWARENESS

Job Sequence / Procedure 2 of 2

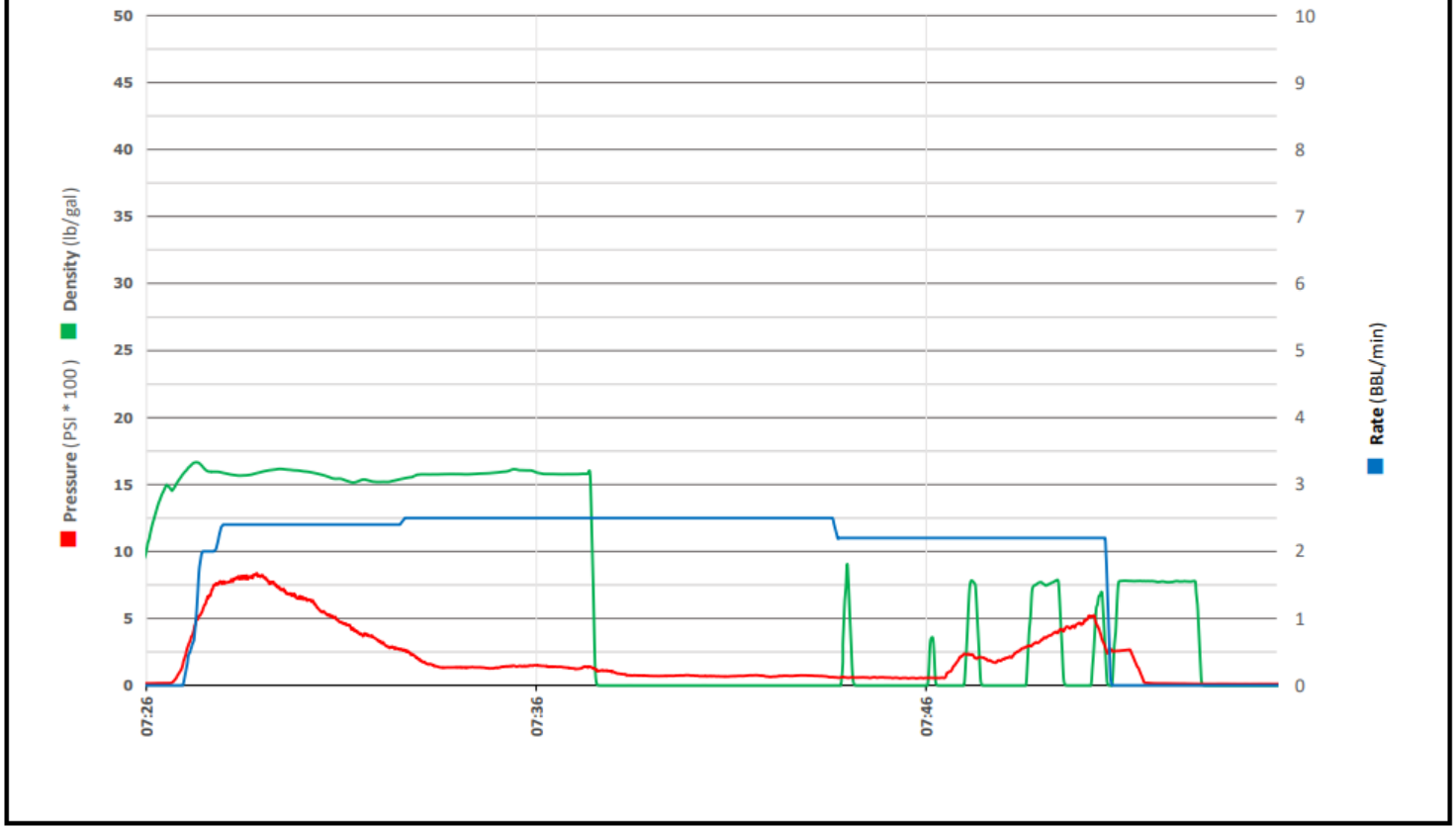
06:20	160.00		5		1.5	Fill Lines - WITH 5 BBLS PRESSURETEST PUMP & LINES TO 2500 PSI
06:25	2,500.00		5		2.5	Start Pressure Test - = 2000 PSI
06:30	158.00		10.2		2.5	Pump Slurry - 50 SKS 1.15 FT3/SK 4.99 GPS = 10.2 BBLS @ 15.8 PPG WET & DRY SAMPLES TAKEN WET SAMPLE WEIGHED & VERIFIED, GOOD RETURNS, EST TOC=6614 FT
06:40	160.00		36		2.5	Displace - =36 BBLS
06:50	0.00					Rig Pulls Tubing
07:28	56.00		20.4		2.0	Pump Slurry - 120 SKS 1.15 FT3/SK 4.99 GPS = 24.5 BBLS @ 15.8 PPG WET & DRY SAMPLES TAKEN WET SAMPLE WEIGHED & VERIFIED, GOOD RETURNS, EST TOC= 5643 FT
07:39	340.00		32		2.5	Displace - =32 BBLS 15 BBLS FRESH WATER FOLLOWED BY 17 BBLS MUD @ 9.3 BBLS
07:52	0.00					Rig Pulls Tubing -
11:30	210.00		20		2.5	Pump Preflush - 20 BBLS FRESH WATER
11:42	170.00		20.4		2.5	Pump Slurry - 100 SKS 1.15 FT3/SK 4.99 GPS = 20.4 BBLS @ 15.8 PPG WET & DRY SAMPLES TAKEN WET SAMPLE WEIGHED & VERIFIED, GOOD RETURNS, EST TOC= 1086.03 FT
11:52	200.00		6.0		2.5	Displace - 6.0 BBLS
12:00	0.00					Rig Pulls Tubing - W.O.C 4 HRS GET CIRCULATION WITH 4 BBLS FRESH WATER
16:55	450.00		60			Pump Slurry - 293 SKS 1.15 FT3/SK 4.95 GPS = 60.0 BBLS @ 15.8 PPG WET & DRY SAMPLES TAKEN WET SAMPLE WEIGHED & VERIFIED EST TOC= SURFACE
17:30	200.00					Displace - 1 BBLS TO CLEAR LINES W.O.C 4 HRS
17:55	0.00					Wash Up Truck
21:35	0.00					Leave Location

3. Job Graph


Customer: BISON
Date: JUNE 27 2024
Ticket: 185976
Location: WELD, CO
Well Name: MALO- 1
Job Type: PLUG#1
Magnum Unit #: 1014
Magnum
Cementing Services
Pressure (PSI * 100)
Density (lb/gal)
Rate (BBL/min)
50
45
40
35
30
25
20
15
10
5
0
10
9
8
7
6
5
4
3
2
1
0
06:15
06:25
06:35
06:45
06:55

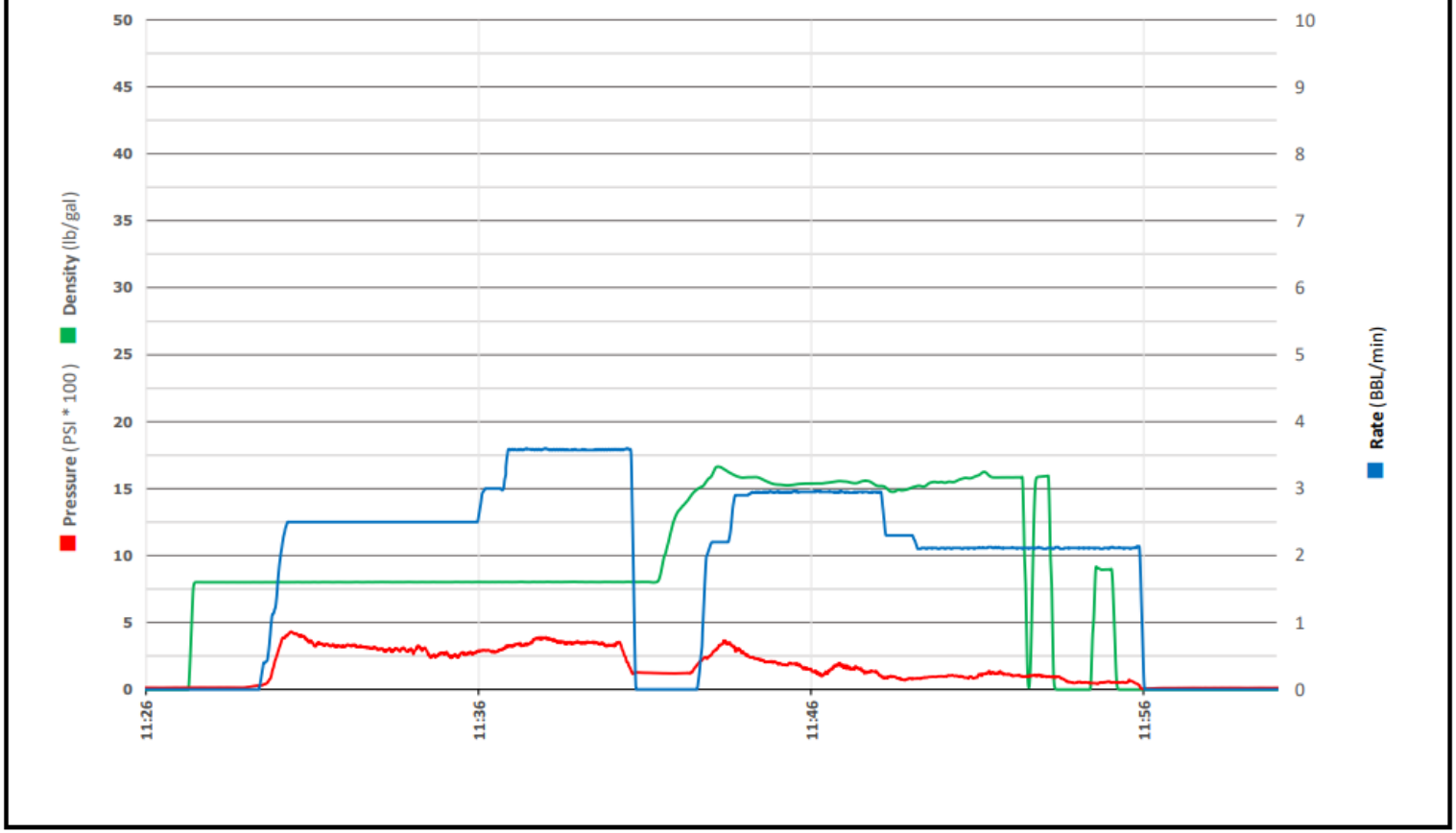
Customer: BISON
Date: JUNE 27 2024
Ticket: 185976

Location: WELD, CO
Well Name: MALO- 1
Job Type: PLUG#2
Magnum Unit #: 1014



Customer: BISON
Date: JUNE 27 2024
Ticket: 185976

Location: WELD, CO
Well Name: MALO- 1
Job Type: PLUG#3
Magnum Unit #: 1014



Magnum Cementing Services

Customer: BISON
Date: JUNE 27 2024
Ticket: 185976

Location: WELD, CO
Well Name: MALO- 1
Job Type: PLUG#4
Magnum Unit #: 1014