

Submit a Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-31551
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Wine Mixer 21 State SWD
8. Well Number 1
9. OGRID Number 14744
10. Pool name or Wildcat Devonian SWD
4. Well Location Unit Letter <u>K</u> : <u>2249</u> feet from the <u>South</u> line and <u>2158</u> feet from the <u>West</u> line Section <u>21</u> Township <u>20S</u> Range <u>27E</u> NMPM Eddy County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3233

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☒ SWD

2. Name of Operator
Mewbourne Oil Company

3. Address of Operator
PO Box 5270, Hobbs NM 88241

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

3/13/25: Swabbed approved injection interval and obtained sample. Sent sample to lab for analysis. Report attached.

If you have any questions, please contact Zane Anderson.

Spud Date:

Rig Release Date:

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jackie Lathan TITLE Regulatory DATE 3/25/2025

Type or print name Jackie Lathan E-mail address: jlathan@mewbourne.com PHONE: 575-393-5905

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):



Powered by: Water Lens™

Sample Information			
Date of Sample Analysis:	2022-09-19	Technician Name:	L Chambers
Date Sample was Taken:	3/17/2025	Sample Name:	Winemixer 21 State SWD #1
Analysis Performed by:	EPDI	API Well Number:	
Client:	MOC	Well Name:	
Reader Number:		Test Number:	
Water Lens Batch Number:	c31		

Metals			
	Dilution Factor	mg/L	meq/L
Barium	1	Greater than 200	-
Calcium	Calc	22,240	1,110
Iron II (Fe ²⁺)	1	Greater than 7	-
Iron III (Fe ³⁺)	Calc	1.03	0.06
Total Dissolved Iron	1	10.92	0.59
Magnesium	100	Greater than 180	-
Sodium	Calc	68,000	2,950
Strontium	Calc	-	-
Manganese	n/a	Test Not Run	-
Boron	n/a	Test Not Run	-
Potassium	100	1,693	43

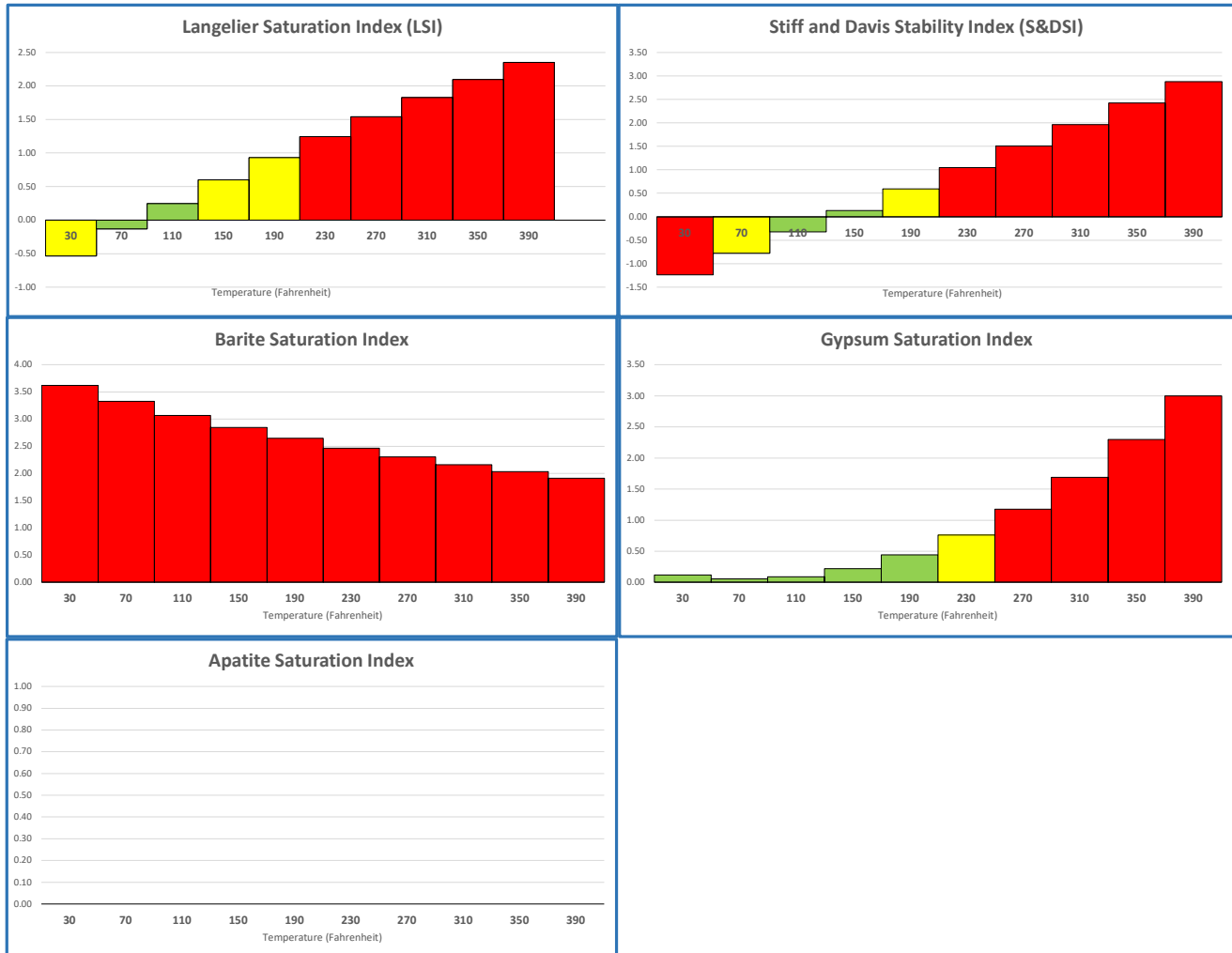
Anions			
	Dilution Factor	mg/L	meq/L
Chloride	100	149,490	4,217
Sulfate	10	230	5
Nitrate	n/a	Test Not Run	-
Phosphate	10	Less than 0.8	-
Unfiltered Phosphate	n/a	Test Not Run	-
Filtered Phosphate	n/a	Test Not Run	-
Delta Phosphate		Test Not Run	-
Carbonate (as CO ₃ ²⁻)	Calc	-	-
Bicarbonate (as HCO ₃ ⁻)	Calc	29	1
Acetates/Formates (as Acetate)	Calc	3	0
Hydroxide (as OH ⁻)	Calc	-	-
Sulfide (Total)	n/a	Test Not Run	-

Other			
	Dilution Factor		
Hydrogen Sulfide (H ₂ S)	Calc	Test Not Run	mg/L
Turbidity	1	137	NTU's
Total Hardness	1,000.0	61,600.00	mg/L CaCO ₃
Oxidation/Reduction Potential (ORP)		110	millivolts
Temperature		77	Fahrenheit
Stiff & Davis Scaling Index (S&DSI)		-0.76	
Langelier Scaling Index (LSI)		-0.03	
Larson-Skold Index		6669.1	
Skillman Index		1.11	
Barite Saturation Index		3.26	
Gypsum Saturation Index		0.08	
ATP (picograms/mL)	Calc	27	
Dissolved CO ₂ (ppm)	Calc	360	
pH	n/a	5.86	
Total Alkalinity	1	52	mg/L CaCO ₃
Total Dissolved Solids (TDS)	Calc	243,150	mg/L
Electrical Conductivity	Calc	303,104	uS/cm
Electrical Resistivity	Calc	3.3	Ohm*cm
Manganese/Iron Ratio		Test Not Run	
Specific Gravity		1.1690	

Comments			

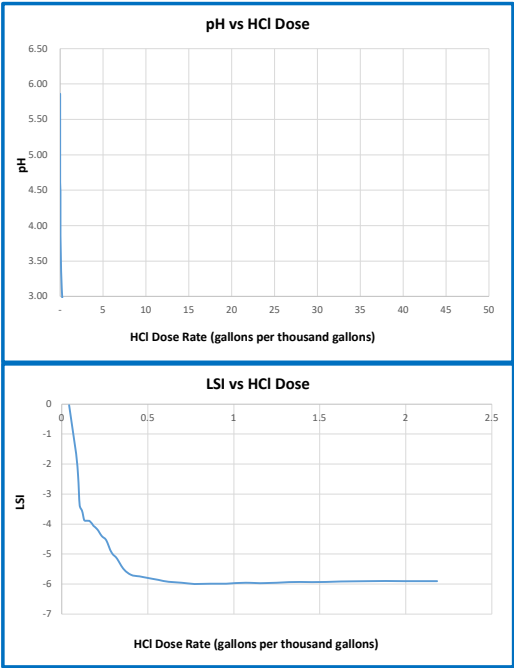
Client: MOC

Scaling Index Graphs



Client: MOC

Scale Control Graphs



Target pH:	6.5
HCl Concentration (%):	37.0
Req'd HCl dose rate (gpt)	0.00

Target LSI:	0.5
Req'd 15% HCl dose rate: (gpt)	0.000

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 445199

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 445199
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
pgoetze	None	5/30/2025