

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NNNM27279

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.8. Well Name and No.
SANTO NINO 29 FED SWD 19. API Well No.
30-015-2869810. Field and Pool, or Exploratory
DEVONIAN11. County or Parish, and State
EDDY COUNTY, NM

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other: INJECTION2. Name of Operator
MEWBOURNE OIL COMPANYContact: JACKIE LATHAN
E-Mail: jlathan@mewbourne.com

3a. Address

PO BOX 5270
HOBBS, NM 882413b. Phone No. (include area code)
Ph: 575-393-5905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 29 T18S R30E Mer NMP SWNE 1932FNL 1923FEL

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐
- Notice of Intent
-
- ☒
- Subsequent Report
-
- ☐
- Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|---|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

08/28/14 RIH w/bit & tbg. Drill out DV tool, float collar & shoe. RIH & tagged PBSD @ 13335'.
POOH.

08/30/14 RIH & spot 5000 gals 15% HCl @ 13335'.

09/03/14 RU loggers & run with GR,CCL,CBL & CNL. Ran CNL from PBSD @ 13335' to 7100' & ran CCL, GR & CBL from PBSD to surface. Found DV tool #1 @ 12660', DV tool #2 @ 8994', & TOC @ 1930'.

09/04/14 Tested backside to 200# for 10 mins, held OK. RIH w/pkr, SN & tbg. Set pkr @ 12575'. RU swab. IFL @ surface. Made 10 runs & recovered 70 BW (no hydrocarbons encountered).

09/05/14 RIH w/swab & made 25 runs, recovered 211 BW (no hydrocarbons encountered). LD work string

Accepted for record
NMOCNM OIL CONSERVATION
ARTESIA DISTRICT

JUN 22 2015

RECEIVED

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #263972 verified by the BLM Well Information System
For MEWBOURNE OIL COMPANY, sent to the Carlsbad
Committed to AFMSS for processing by DEBORAH HAM on 06/02/2015 ()

Name (Printed/Typed) JACKIE LATHAN

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 09/16/2014

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

BUREAU OF LAND MANAGEMENT

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212; make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

Additional data for EC transaction #263972 that would not fit on the form

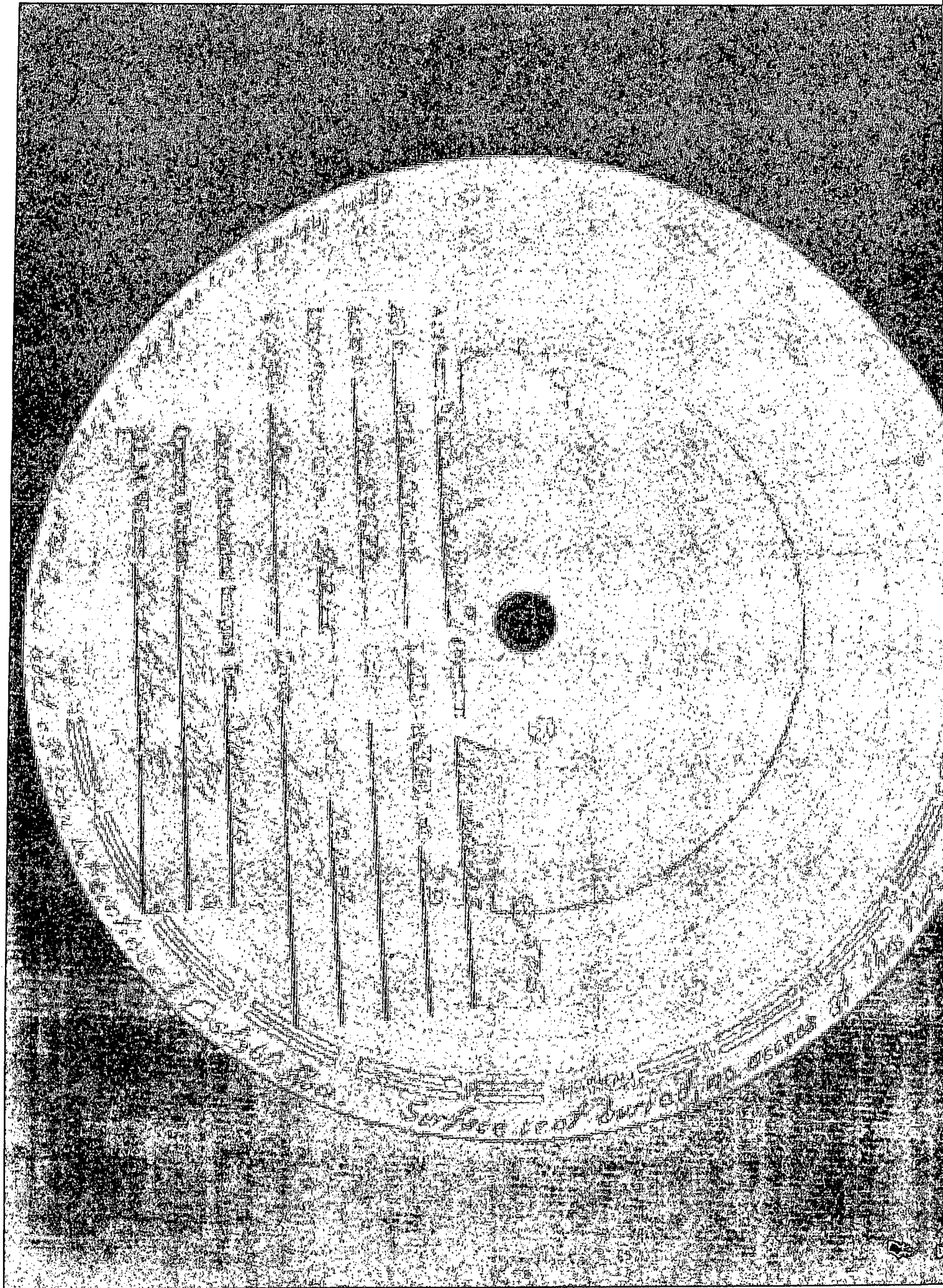
32. Additional remarks, continued

& test pkr.

09/10/14 RIH w/pkr & 3 ?" 9.3# L80 IPC tbg to 12628'. Tested csg to 1000#, held OK. Water analysis attached.

09/12/14 Tested annulus to 500# for 30 minutes, held OK. Performed MIT. Paul Swartz w/BLM witnessed & Richard Inge w/NMOCD notified. Results attached. Well ready for injection.

Bond on file: NM1693 nationwide & NMB000919





Water Analysis

Date: 09-Sep-14

2708 West County Road, Hobbs NM 88240

Phone (575) 392-5556 Fax (575) 392-7307

Analyzed For

Company	Well Name	County	State
Mewbourne	Santonino 29 SWD Fed 1	Lea	New Mexico

Sample Source	Swab Sample	Sample #	1
Formation		Depth	

Specific Gravity	1.060	SG @ 60 °F	1.062
pH	6.00	Sulfides	Absent
Temperature (°F)	70	Reducing Agents	

Cations

Sodium (Calc)	in Mg/L	19,037	in PPM	17,926
Calcium	in Mg/L	10,000	in PPM	9,416
Magnesium	in Mg/L	1,200	in PPM	1,130
Soluble Iron (FE2)	in Mg/L	0.3	in PPM	0

Anions

Chlorides	in Mg/L	50,000	in PPM	47,081
Sulfates	in Mg/L	350	in PPM	330
Bicarbonates	in Mg/L	244	in PPM	230
Total Hardness (as CaCO3)	in Mg/L	35,000	in PPM	32,957
Total Dissolved Solids (Calc)	in Mg/L	80,832	in PPM	76,113
Equivalent NaCl Concentration	in Mg/L	76,439	in PPM	71,976

Scaling Tendencies

*Calcium Carbonate Index 2,440,000

Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable

*Calcium Sulfate (Gyp) Index 3,500,000

Below 500,000 Remote / 500,000 - 10,000,000 Possible / Above 10,000,000 Probable

*This Calculation is only an approximation and is only valid before treatment of a well or several weeks after treatment

Remarks rwr.09@70f

Report # 3276