

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**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.*

FORM APPROVED  
OMB NO. 1004-0135  
Expires July 31, 2010

<b>SUBMIT IN TRIPLICATE - Other instructions on reverse side.</b>		5. Lease Serial No. NMNM27279
		6. If Indian, Allottee or Tribe Name
		7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: INJECTION	8. Well Name and No. SANTO NINO 29 FED SWD 1	
2. Name of Operator MEWBOURNE OIL COMPANY	Contact: JACKIE LATHAN E-Mail: jlathan@mewbourne.com	9. API Well No. 30-015-28698
3a. Address PO BOX 5270 HOBBS, NM 88241	3b. Phone No. (include area code) Ph: 575-393-5905	10. Field and Pool, or Exploratory DEVONIAN
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T18S R30E Mer NMP SWNE 1932FNL 1923FEL		11. County or Parish, and State EDDY COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<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 PBTD @ 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 PBTD @ 13335' to 7100' & ran CCL, GR & CBL from PBTD 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

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	
Name (Printed/Typed): JACKIE LATHAN	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 09/16/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title <b>Denied</b>	Date _____
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 _____		

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 \*\***

*ypkr @ wrong depth*

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

32. Additional remarks, continued

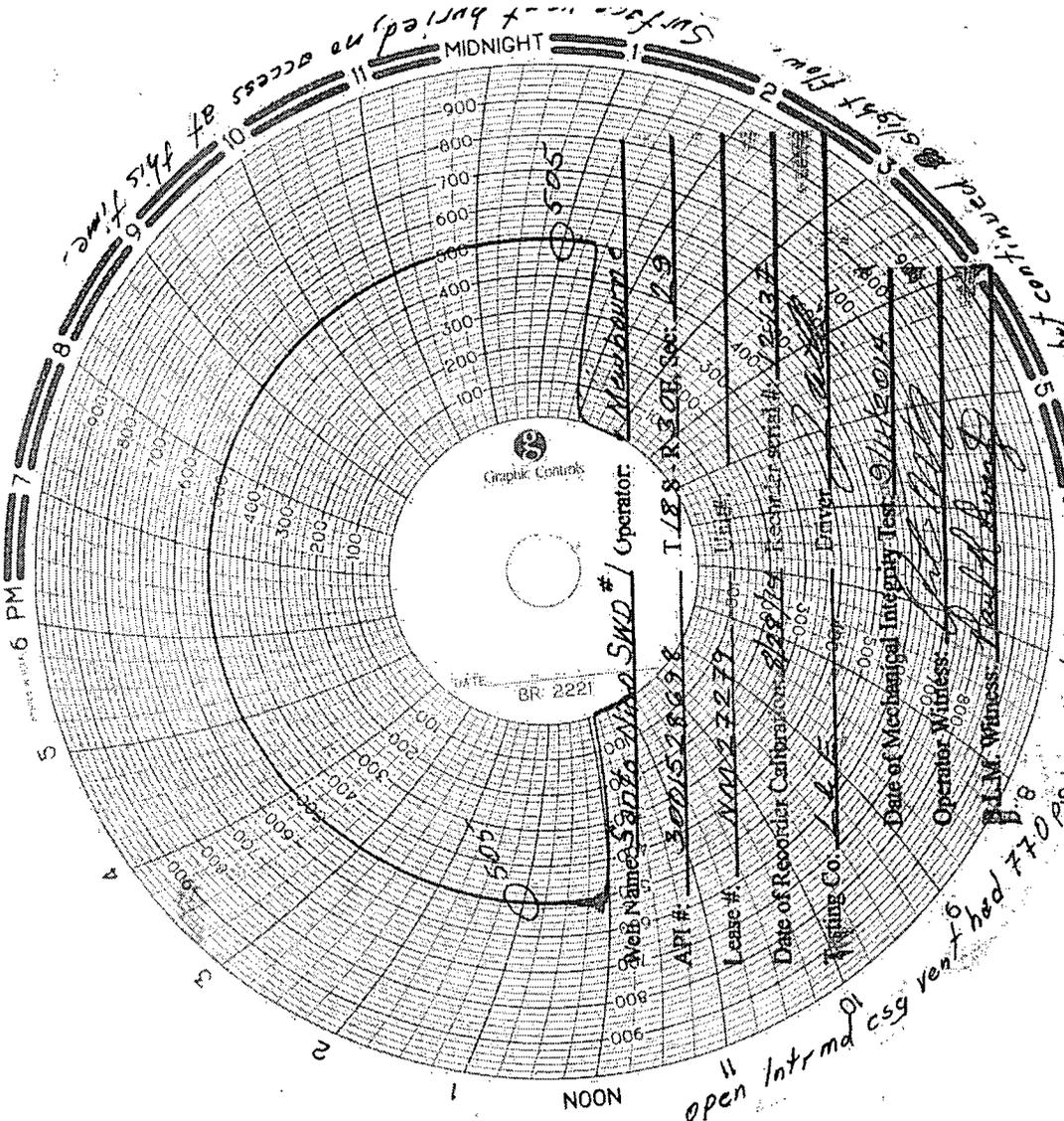
& test pkr.

09/10/14 RIH w/pkr & 3 ?" 9.3# L80 IPC tbg to 12626'. 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

*Denied*  
*Permit must be below 12650 feet sub permit. (within 100' of injection zone)*



Surface vent - hurried, no access at this time.

continued slight flow

open intrmd of csq vent

WV 9 but continued off 2 min. but

had 770 psig, W-4 gas bled off 2 min.

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08/01/14. Began re-entry. Tested BOPE to 5000# & Annular to 2500#. Drilled out plugs from surface to 50' 327' to 426' & 1760' to 1969'. At 8:00 P.M. 08/02/14, tested 8 5/8" csg to 1500# for 30 mins, held OK. Drill out with 7 7/8" bit.

08/16/14 TD well @ 13338'. Ran 5 1/2" 17# HCP-110 casing to 12673. Drop bomb; set ECP w/850# & open 1st stage tool w/2530#. Cmt 1st stage w/250 sks Lite Class H (60:40:0) w/additives. Mixed @ 12.0 #/g w/2.21 yd. Tail w/200 sks Lite Class H (15:61:11) w/additives. Mixed @ 13.4 #/g w/1.54 yd. Plug down @ 5:30 A.M. 08/19/14. Closed 1st stage tool w/2150# @ 3 BPM. Drop bomb to open 2nd stage tool. Cmt 2nd stage w/765 sks Lite Class C (60:40:0) w/additives. Mixed @ 12 #/g w/2.27 yd. Tail w/200 sks Clas H w/additives. Mixed 15.6 #/g w/1.18 yd. Plug down @ 2:00 P.M. 08/19/14. Did not circ cmt. Slow rate lift pressure @ 1694# @ 3 BPM. Closed 2nd stage tool w/2830#. Set wellhead slips w/90k#. Tested tbg spool pack off to 3000#.

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

**Electronic Submission #261093 verified by the BLM Well Information System  
For MEWBOURNE OIL COMPANY, sent to the Carlsbad**

Name (Printed/Typed) JACKIE LATHAN	Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission)	Date 09/05/2014

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

04746



# 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
<i>Below 500,000 Remote / 500,000 - 1,000,000 Possible / Above 1,000,000 Probable</i>	
*Calcium Sulfate (Gyp) Index	3,500,000
<i>Below 500,000 Remote / 500,000 - 10,000,00 Possible / Above 10,000,000 Probable</i>	

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

Remarks rw-.09@70f

Report # 3276