

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Cons. FORM APPROVED
OMB NO. 1004-0137
Expires January 31, 2004

CISF

N.M. Div-Dist-2
1301 W. Grand Avenue
Artesia, NM 88210

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other _____

2. Name of Operator

Mewbourne Oil Company

3. Address

PO Box 5270 Hobbs, NM 88240

3a. Phone No. (include area code)

505-293-5905

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1980' FNL & 660' FWL of Sec 35-T24S-R28E

At top prod. interval reported below Same

At total depth Same

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

Willow Lake 35 Federal #1

9. API Well No.

30-015-32306

10. Field and Pool, or Exploratory

Salt Draw Atoka

11. Sec., T., R., M., on Block and Survey
or Area Sec 35-T24S-R28E

12. County or Parish

Eddy

13. State

NM

14. Date Spudded

06/03/02

15. Date T.D. Reached

07/05/02

16. Date Completed

☐ D&A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*

GL 2971'

18. Total Depth: MD

TVD 12170'

19. Plug Back T.D.: MD

TVD 12097'

20. Depth Bridge Plug Set: MD

TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

DLL, DN, GR & CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)

Was DST run? ☒ No ☐ Yes (Submit report)

Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8 -H40	48#	0	409	NA	550-H/C	212	Surface	NA
12 1/4"	9 5/8 -N80	40#	0	5030	NA	1810-Poz C	690	Surface	NA
8 3/4"	5 1/2 -N80	17#	0	12170	NA	915-H	240	TOC @ 9786	NA

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	11641	11630						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Atoka Sands	11940'	11954'	11940'-54'	.24"	56	Open
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
11940-11954	Frac with 1000 gals 7 1/2% HCl acid, 36750 gals of WF240 70Q CO2 with 18000# 20/40 Interprop sand

ACCEPTED FOR RECORD

SEP - 6 2002

LES BABYAK
PETROLEUM ENGINEER

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/20/02	07/21/02	24	→	0	745	0	NA	.593	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
32/64	340	0	→	0	745	0	745000	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Call Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg Press Flwg. SI	Csg. Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Delaware		2594			
Bone Spring		6290			
Wolfcamp		9542			
Strawn		11736			
Atoak Shale		11922			
TD		12171			

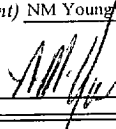
32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- 1 Electrical/Mechanical Logs (1 full set req'd.) 2 Geologic Report 3 DST Report 4 Directional Survey
 5 Sundry Notice for plugging and cement verification 6 Core Analysis 7 Other: C104

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) NM Young Title District Manager

Signature  Date 0/8/16/02

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.

INSTRUCTIONS

GENERAL: This form is designed for submitting a complete and correct well completion/recompletion report and log on all types of wells on Federal and Indian leases to a Federal agency, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal office.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, and all types electric), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal laws and regulations. All attachments should be listed on this form, see item 33.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal office for specific instructions.

ITEM 17: Indicate which reported elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

ITEM 23: Show how reported top(s) of cement were determined, i.e., circulated (CIR), or calculated (CAL), or cement bond log (CBL), or temperature survey (TS).

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48 (d) provide that you be furnished the following information in connection with information required by this application

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. et seq.; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling, completing and testing of a well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling and completing/recompleting of a well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this report and disclosure of the information is mandatory once a well drilled on a Federal or Indian lease is completed/recompleted.

The Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.) requires us to inform you that:

This information is being collected to allow evaluation of the technical, safety, and environmental factors involved with drilling and completing/recompleting wells on Federal and Indian oil and gas leases.

This information will be used to analyze operations and to compare equipment and procedures actually used with those proposed and approved.

Response to this request is mandatory only if the operator elects to initiate drilling and completing/recompleting operations on an oil and gas lease.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 60 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (1004-0137), Bureau Clearance Officer, (WO-630), MS 401 LS, 1849 C Street, N.W., Washington, D.C. 20240.

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
811 South First, Artesia, NM 88210

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-104

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Mewbourne Oil Company PO Box 5270 Hobbs, NM 88240		² OGRID Number 14744
		³ Reason for Filing Code New Well
⁴ API Number 30 - 0 15-32306	⁵ Pool Name Salt Draw Atoka	⁶ Pool Code
⁷ Property Code	⁸ Property Name Willow Lake 35 Federal	⁹ Well Number 1

II. ¹⁰ Surface Location

UI or lot no. E	Section 35	Township 24S	Range 28E	Lot Idn	Feet from the 1980	North/South Line North	Feet from the 660	East/West line West	County Eddy
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	----------------------	------------------------	----------------

¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
¹² Lse Code	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 07/20/02	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
0151618	El Paso Field Services Carlsbad, NM		G	Sec 35-T24S-R28E
20445	Plains Marketing 3514 Lovington Highway Hobbs, NM 88240		O	Sec 35-T24S-R28E

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
-------------------	--

V. Well Completion Data

²⁵ Spud Date 06/03/02	²⁶ Ready Date 07/05/02	²⁷ TD 12170'	²⁸ PBTD 12097'	²⁹ Perforations 11940'-11954'	³⁰ DHC, DC, MC
³¹ Hole Size 17 1/2"	³² Casing & Tubing Size 13 3/8 - H40	³³ Depth Set 409	³⁴ Sacks Cement 550		
12 1/4"	9 5/8 - N80	5030	1810		
8 3/4"	5 1/2 - N80	12170	915		

VI. Well Test Data

³⁵ Date New Oil 07/20/02	³⁶ Gas Delivery Date 07/20/02	³⁷ Test Date 07/21/02	³⁸ Test Length 24	³⁹ Tbg. Pressure 340	⁴⁰ Csg. Pressure 0
⁴¹ Choke Size 32/64	⁴² Oil 0	⁴³ Water 0	⁴⁴ Gas 745	⁴⁵ AOF	⁴⁶ Test Method Meter

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name: NM Young

Title: District Manager

Date: 08/13/02

Phone: 505-393-5905

Approved by:

Title:

Approval Date:

OIL CONSERVATION DIVISION

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

OPERATOR: MEWBOURNE OIL CO.
WELL/LEASE: WILLOW LAKE 35 FED. COM. 1
COUNTY: EDDY

047-0012

STATE OF NEW MEXICO
DEVIATION REPORT

409	1 1/4	7,076	1/4
550	3/4	7,519	3/4
650	3/4	8,019	1/2
793	3/4	8,500	1/2
983	1/2	8,981	3/4
1,141	1/2	9,481	1
1,268	3/4	9,952	1/2
1,395	1/4	10,438	3/4
1,522	3/4	10,938	1/4
1,648	3/4	11,430	3/4
1,775	3/4	11,828	1/4
1,901	1/2	12,170	1/4
2,028	1		
2,281	1 3/4		
2,376	2 1/4		
2,470	1 3/4		
2,565	1 1/2		
2,691	1 3/4		
2,818	2		
2,944	1 1/2		
3,101	1 1/4		
3,228	1 1/2		
3,416	1 1/4		
3,669	3/4		
3,920	1/2		
4,190	1/2		
4,706	3/4		
5,030	3/4		
5,557	3/4		
6,094	1		
6,594	1/2		

By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 17th day of July, 2002, by
Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003

