

1625 N. French Dr  
Hobbs, NM 88240

**District II - (505) 748-1283**

**811 S. First  
Artesia, NM 88210**

**District III - (505) 334-6178**

1000 Rio Brazos Road  
Aztec, NM 87410

**District IV - (505) 827-7131**  
2040 S. Pacheco

**Santa Fe, NM 87505**

2000

# Energy Minerals and Natural Resources Department

## Oil Conservation Division

**2040 South Pacheco Street**

**Santa Fe, New Mexico 87505**

**(505) 827-7131**

**SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO THE SANTA FE  
OFFICE**

**F C E I V**

**JAN 19 2000**

**OIL CONSERVATION DIVISION**

## APPLICATION FOR NEW WELL STATUS

## I. Operator and Well

Operator name & address Mewbourne Oil Company P. O. Box 7698 Tyler, Texas 75711								OGRID Number	
Contact Party Sue Hearon								Phone (903) 561-2900	
Property Name Ranch Hand "18" Fed. Com.						Well Number 1		API Number 30-015-30699	
UL	Section 18	Township 23S	Range 27E	Feet From The 1980	North/South Line South	Feet From The 660	East/West Line East	County Eddy	

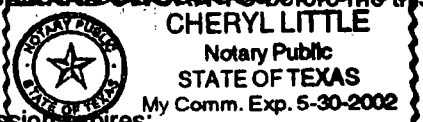
## II. Date/Time Information

Spud Date 10/13/99	Spud Time 11:30 P.M.	Date Completed 12/07/99	Pool Morrow
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III. Attach copies of Form C-103 or Federal Form 3160-5 showing date/time of drilling commenced and Form C-105 or Federal Form 3160-4 showing well was completed as a producer.

**IV. Attach a list of all working interest owners with their percentage interests.**

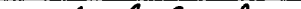
**V. AFFIDAVIT:**

State of Texas )  
County of Smith ) ss.  
Sue Hearon, being first duly sworn, upon oath states:  
1. I am the Operator, or authorized representative of the Operator, of the above-referenced well.  
2. To the best of my knowledge, this application is complete and correct.  
Signature Sue Hearon Title Eng. Tech. Date 1/14/2000  
SUBSCRIBED AND SWORN TO before me this 14th day of January, 2000.  
 Cheryl Little  
Notary Public  
My Commission Expires 5-30-2002

**FOR OIL CONSERVATION DIVISION USE ONLY:**

**VI. CERTIFICATION OF APPROVAL:**

**This Application is hereby approved and the above-referenced well is designated a New Well. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval.**

Signature 	Title <i>P.E. Spec.</i>	Date FEB 07 2000
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

**NOTICE: The operator must notify all working interest owners of this New Well certification.**

pVZV2010752614

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-0275360	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Mewbourne Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P. O. Box 5270, Hobbs, NM 88241 (505) 393-5905		8. FARM OR LEASE NAME, WELL NO. Ranch Hand "18" Fed Com #1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980' FSL & 660' FEL At top prod. interval reported below  At total depth		9. API WELL NO. 30-015-30699	
14. PERMIT NO.		DATE ISSUED 07/16/99	
15. DATE SPUDDED 10/13/99	16. DATE T.D. REACHED 11/18/99	17. DATE COMPL. (Ready to prod.) 12/07/99	18. ELEVATIONS (DF, RKB, RT, GE, ETC.) 3194' GR
20. TOTAL DEPTH, MD & TVD 12,120'	21. PLUG, BACK T.D., MD & TVD 12,065'	22. IF MULTIPLE COMPL., HOW MANY? NA	23. INTERVALS DRILLED BY ROTARY TOOLS 0-12,120'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD) 11,695' to 11,747', Morrow			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Laterlog, Density Log			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8"	48#	500'	17-1/2"
9-5/8"	36#	2645'	12-1/4"
5-1/2"	17#	12,120'	8-3/4"
29. LINER RECORD		30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
			SCREEN (MD)
			SIZE
			DEPTH SET (MD)
			PACKER SET (MD)
			2-7/8"
			10,673'
			10,673'
31. PERFORATION RECORD (interval, size and number) 11,744' to 11,747'; 0.37" entry hole diameter; 12 holes total 11,720' to 11,730'; 0.37" entry hole diameter; 40 holes total 11,695' to 11,702'; 0.37" entry hole diameter; 28 holes total		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	
		AMOUNT AND KIND OF MATERIAL USED	
		11,695' to 11,747'	
		Fracture stimulated with 70000 lbs 20/40 IP	
33. PRODUCTION			
DATE FIRST PRODUCTION 12/07/99	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 12/10/99	HOURS TESTED 24	CHOKE SIZE 16/64"	PROD'N FOR TEST PERIOD
FLOW. TUBING PRESS. 1000	CASING PRESSURE Packer	CALCULATED 24-HOUR RATE	OIL—BBL. 0
			GAS—MCF. 1492
			WATER—BBL. 41
			GAS-OIL RATIO NA
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			TEST WITNESSED BY Mr. Olguin
35. LIST OF ATTACHMENTS			

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE District Manager

DATE 12/14/99

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals; and all drill-stem tests, including depth interval, cushion used, time tool open, flowing out-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
Bone Spring	5335				
Wolfcamp	8910				
Canyon	10228				
Strawn	10562				
Morrow	11518				
Barnett	12040				

[REDACTED]

DATE OF RECEPTION TO THE RECORDS OF THE DEPARTMENT OF NOTADONTO TO ITAL

14

RECEIVED BY THE DEPARTMENT OF NOTADONTO TO ITAL

Form 3150-5  
(June 1990)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993  
5. Lease Designation and Serial No.  
NM-0275360

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT-" for such proposals

## SUBMIT IN TRIPLICATE

## 1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

## 2. Name of Operator

Mewbourne Oil Company

## 3. Address and Telephone No.

P. O. Box 5270, Hobbs, NM 88241 (505) 393-5905

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

1980' FSL &amp; 660' FEL of Section 18, T23S, R27E

## 6. If Indian, Allottee or Tribe Name

## 7. If Unit or CA, Agreement Designation

## 8. Well Name and No.

Ranch Hand "18" Fed Com #1

## 9. API Well No.

## 10. Field and Pool, or Exploratory Area

Carlsbad, South Morrow

## 11. County or Parish, State

Eddy County, New Mexico

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

## TYPE OF SUBMISSION

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

## TYPE OF ACTION

- ☐
- Abandonment
- 
- ☐
- Recompletion
- 
- ☐
- Plugging Back
- 
- ☐
- Casing Repair
- 
- ☐
- Altering Casing
- 
- ☐
- Other
- 
- ☐
- Change of Plans
- 
- ☒
- New Construction
- 
- ☐
- Non-Routine Fracturing
- 
- ☐
- Water Shut-Off
- 
- ☐
- Conversion to Injection
- 
- ☐
- Dispose Water

(Print: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

## 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

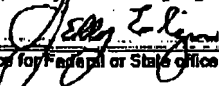
10/13/99: Spudded well with 17-1/2" hole at 11:30 PM.

10/15/99: Drilled 17-1/2" hole to 500'. Set 12 joints 13-3/8" 48# H40 casing at 500'. Cemented with 360 sacks Class C Light cement with 2% calcium chloride and 200 sacks Class C cement with 2% calcium chloride. Circulated 66 sacks cement to surface.

10/19/99: Drilled 12-1/4" hole to 2645'. Set 59 joints 9-5/8" 36# J55 casing at 2645'. Cemented with 650 sacks Class C Light cement with 5 lbs/sack salt and 5 lbs/sack gilsonite followed by 200 sacks Class C cement with 2% calcium chloride. Circulated 78 sacks cement to surface.

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

Signed



Title District Manager

Date 10/20/99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes 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.

\*See Instruction on Reverse Side

## Attachment to C-142

Working Interest Owners in the Ranch Hand "18" Fed. Com #1

Eddy County, New Mexico are as follows:

Mewbourne Oil Company	50%
P. O. Box 7698	
Tyler, Texas 75711	
Matador Petroleum Corp.	50%
158 Pecan Creek	
8340 Meadow Road	
Dallas, Texas 75231	