

District I - (505) 393-6161  
 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) 827-7134  
 2040 S. Pacheco  
 Santa Fe, NM 87505

New Mexico

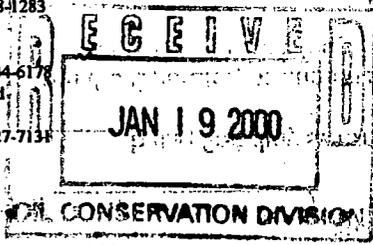
1558 Form C-142  
 Date 06/99

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**



**APPLICATION FOR NEW WELL STATUS**

**I. Operator and Well**

Operator name & address Mewbourne Oil Company P. O. Box 7698 T 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:**

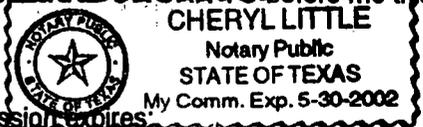
State of Texas )  
 ) ss.  
 County of Smith )

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.

 Cheryll Little  
 Notary Public

**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 <u>Mark Kelly</u>	Title <u>P.E. Speer</u>	Date <u>FEB 07 2000</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: 2/8/00

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

PV2V2010752614

**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		9. API WELL NO. 30-015-30699	
At total depth		10. FIELD AND POOL, OR WILDCAT Carlsbad, South Morrow	
14. PERMIT NO.		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 18, T23S, R27E	
DATE ISSUED 07/16/99		12. COUNTY OR PARISH Eddy	
13. STATE NM		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		19. ELEV. CASINGHEAD 3194'	
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	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	500'	17-1/2"	Surface, 560 sacks Class C	None
9-5/8"	36#	2645'	12-1/4"	Surface, 860 sacks Class C	None
5-1/2"	17#	12,120'	8-3/4"	2100', 3270 sacks Class H	None

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	OIL—BBL. 0	GAS—MCF. 1492	WATER—BBL. 41	GAS-OIL RATIO NA
FLOW. TUBING PRESS. 1000	CASING PRESSURE Packer	CALCULATED 24-HOUR RATE	OIL—BBL. 0	GAS—MCF. 1492	WATER—BBL. 41	OIL GRAVITY-API (CORR.) 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 *Jerry Edgin* 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, flow rate, and shut-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 header information]

ADMINISTRATIVE SERVICES DIVISION / DEPARTMENT OF NOTARIAL PUBLICS

Notary Public for the State of Texas

Form 3150-5  
(June 1990)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.  
NM-0275360

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

**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 & 660' FEL of Section 18, T23S, R27E

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input checked="" type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Disperse Water

Date: 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 68 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 Jerry E. L... 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:**

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