

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

5. LEASE DESIGNATION AND SERIAL NO.

NM-0144698

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Gatuna 5 Federal #1

9. API WELL NO.

30-015-32521 SI

10. FIELD AND POOL, OR WILDCAT

Burton Flats East Morrow

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 5 T-20S R-29E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

1a. TYPE OF WELL:

OIL WELL ☐GAS WELL ☒DRY ☐

Other

b. TYPE OF COMPLETION:

NEW WELL ☒WORK OVER ☐DEEP-EN ☐PLUG BACK ☐DIFF. RESVR. ☐

Other

2. NAME OF OPERATOR

Mewbourne Oil Company

3. ADDRESS AND TELEPHONE NO.

PO Box 5270, Hobbs, N.M. 88241. (505) 393-5905

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface

990' FSL & 660' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11/18/02

16. DATE T.D. REACHED

12/26/02

17. DATE COMPL. (Ready to prod.)

01/22/03

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)*

3283' GL

19. ELEV. CASINGHEAD

3283'

20. TOTAL DEPTH, MD & TVD

11630'

21. PLUG, BACK T.D., MD & TVD

11540'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

11278-11391'. Morrow

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DLL w/ Micro, DN w/GR & CBL.

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
20" / H-40	94	325'	26"	Surface. 400 sk filler & 200 sk 'C'	N/A
13 3/8" / J-55	54.5	1225'	17 1/2"	Surface. 625 sk filler & 200 sk 'C'	N/A
8 5/8" / J-55	32	3048'	12 1/4"	Surface. 1100 sk filler & 200 sk 'C'	N/A
5 1/2" / P110	17 & 20	11630'	7 7/8"	7630'. 1st 425 sk. 2nd 1150 sk filler & 200 sk 'H'	N/A

29.

LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	10646'	10635'

31. PERFORATION RECORD (Interval, size and number)

11278-11391'. 4spf. 176 - .47" EHD

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11278-11391'	1000 gals 7 1/2% HCL
	Frac w/ 70k gals 70Q Foam using 72k 20/40 Inter-Prop

FEB 25 2003
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

33. *

PRODUCTION

DATE FIRST PRODUCTION 01/21/03		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 01/22/03	HOURS TESTED 24	CHOKE SIZE 14/64"	PROD'N FOR TEST PERIOD →	OIL—BBL. 5	GAS—MCF. 1500	WATER—BBL. 5	GAS-OIL RATIO 300000
FLOW. TUBING PRESS. 2300	CASING PRESSURE 50	CALCULATED 24-HOUR RATE →	OIL—BBL. 5	GAS—MCF. 1500	WATER—BBL. 5	OIL GRAVITY-API (CORR.) 49	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

L. Pounds

35. LIST OF ATTACHMENTS

Deviation survey, E-Logs & C-104

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

SIGNED

TITLE N.M. Young District Manager

DATE 02/17/03

(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 tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGICAL MARKERS

39. GEOLOGICAL MARKERS

NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	3240'				
Bone Springs	5469'				
Wolfcamp	9152'				
Cisco Canyon	10,047'				
Strawn	10,291'				
Atoka	10,713'				
Morrow	11,186'				
Barnett	11,556'				
TD	11,630				

OPERATOR: MEWBOURNE OIL CO.
WELL/LEASE: GATUNA CANYON 5 FED. COM. 1
COUNTY: EDDY

041-0011

STATE OF NEW MEXICO
DEVIATION REPORT

177	1	6,030	4
325	2 1/2	6,283	4 1/2
600	4	6,345	4
671	4	6,470	4
731	4	6,534	4
777	4	6,596	4
839	4 1/2	6,696	3
899	4 1/4	6,795	3
965	3 1/4	6,887	2 3/4
995	3 1/4	6,950	2 1/2
1,054	2 3/4	6,982	2 1/4
1,116	2 3/4	7,107	2 1/4
1,181	2 1/4	7,233	2 1/4
1,334	2	7,389	1 1/2
1,430	1 3/4	7,515	1 1/2
1,525	1 3/4	7,640	1 1/2
1,619	1 1/4	7,987	1 1/2
1,870	2	8,489	1
1,997	2 1/4	8,991	1 1/2
2,123	2 1/4	9,492	1 1/2
2,249	2 1/4	9,718	1 1/2
2,373	2	10,212	3/4
2,500	2	10,656	1 1/4
2,656	2 3/4	10,943	1 1/2
2,750	2 3/4	11,172	1
2,968	1 3/4	11,630	1
3,198	2		
3,292	2		
3,384	1 1/2		
3,634	1 1/4		
3,884	1 1/4		
4,143	1 3/4		
4,269	3		
4,398	3 1/4		
4,493	3 1/4		
4,614	3 3/4		
4,740	3 1/2		
4,868	3 3/4		
4,988	3 1/4		
5,118	3 1/4		
5,244	3 1/4		
5,365	3 3/4		
5,463	3 3/4		
5,523	3 3/4		
5,620	3 3/4		
5,652	4		
5,685	4		
5,810	4		
5,869	4		
5,967	4		

By: Steve Moore

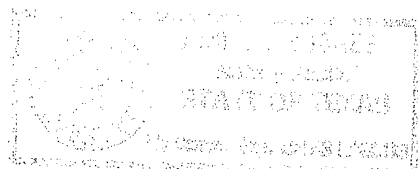
STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 6th day of December, 2002, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Janie D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003





NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON

Governor

Joanna Prukop

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

GEOLOGICAL TOPS

**Mewbourne Oil Company
Gatuna Canyon '5' Federal Com. #1
Unit M, Sec. 5, T-20-S R-29-E
990' FSL & 660' FWL (G.L.-3283'; K.B.-3300')
Eddy Co., N.M.
30-015-32521**

Geological Tops per/Bryan G. Arrant-OCD

Yates	1231'
Capitan Reef	1492'
Delaware Sands	3240'
Bone Spring	5469'
3rd Bone Spring Sand	8873'
Wolfcamp	9152'
Wolfcamp Shale	9440'
Upper Penn.	10047'
Strawn	10291'
Atoka Shale	10704'
Morrow Clastics	11186'
Barnett Shale	11556'