

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

88240

DESIGNATION AND SERIAL NO.

NM 9218

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "F"

9. WELL NO.

2

R-7193

10. FIELD AND POOL, OR WILDCAT

Querecho Plains - Queen
Associated Field11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 22, T-18S, R32E

12. COUNTY OR
PARISH

Lea

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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 OF OPERATOR

P. O. Box 7698 - Tyler, Texas 75711

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

At surface 1650' FSL & 330' FEL

At top prod. interval reported below 3881'

At total depth 4300'

14. PERMIT NO.

8/09/82

15. DATE SPUDDED

11/11/82

16. DATE T.D. REACHED

11/18/82

17. DATE COMPL. (Ready to prod.)

12/20/82

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

GL 3761', DF 3771', KB 3773'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4300'

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

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

4090'-4157' Penrose

3881'-3916' Queen

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Acoustic Velocity, Computer analyzed, Guard-Forxo, GR-CCL

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24# & 32#	1194'	12-1/4"	300 sx. Lite, 200 sx. Class C	None
4-1/2"	10.5, 11.6 & 13.5#	4282'	7-7/8"	700 sx. Lite, 300 sx. Class C	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3856'	3856'

31. PERFORATION RECORD (Interval, size and number)

3881'-84', 3889'-95', 3900'-10', 3913'-16'
26 holes
4090'-98', 4120'-25', 4128'-30', 4134'-51'
36 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	See Attachment

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
12/21/82		flowing					producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
12/22/82	24	16/64"	→	74	47	5	635:1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.		OIL GRAVITY-API (CORR.)	
100#		→			→		40°	

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

Vented until pipeline hookup (60 days approximately)

35. LIST OF ATTACHMENTS

Treatment of perforations.

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

SIGNED

TITLE

Exploration Secretary

MINERALS MANAGEMENT SERVICE
ROSWELL, NEW MEXICO

12/22/82

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State 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 and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sole Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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

DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	3872'	3898'	Siltstone - light gray, light brown, friable to medium hard, shaley, calcareous matrix, tight, no show. Drilled from 3"-5"/ft. w/4.5-14% porosity w/30-40% water saturation.	Base of Salt Yates 7 Rivers Top of Queen Penrose	2492' 2668' 3078' 3872' 4116'	
Sand	4088'	4100'	Sandstone - red, very fine grained to silty, moderately sorted, clear subrounded grains, some fine rounded grains, clean, slightly shaley, very friable, light spotted fluorescence, very good initial cut with some streaming cut, very good residual ring cut, moderate amount of gas bubbles. Drilled .75"-4"/ft. but most drilled 1"-2"/ft. It has 6.5-14.5% porosity w/32-35% water saturation.			
	4116'	4152'	Sandstone - light gray, calcareous matrix, very friable, tight looking, no show. The bulk of the porosity zone drilled 4"/ft. while two foot @ 4146' drilled 3"/ft. The rest of the Penrose drilled 4"-6"/ft. The Penrose has 6.5-15% porosity w/29-40% water saturation.			

RECEIVED
JAN 4 1983
HOBBS OFFICE