

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

NM-8675

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "H"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT
Querecho Plains - Queen
Associated11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

22-18S-32E

12. COUNTY OR
PARISH
Lea13. STATE
N.M.

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 660' FSL and 660' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

8/9/82

15. DATE SPUDDED

8/31/82

16. DATE T.D. REACHED

9/10/82

17. DATE COMPL. (Ready to prod.)

9/25/82

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

3767' DF, 3759' GR, 3769' KB

19. ELEV. CASINGHEAD

3769'

20. TOTAL DEPTH, MD & TVD

4300'

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

3991'

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)*

3892-3920 Queen

25. WAS DIRECTIONAL
SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Comp. Acoustic Velocity and Guard-Forxo Logs

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"	32#, 24#, 28#	1196'	12-1/4"	600 Sacks	None
4-1/2"	11.6#	4290'	7-7/8"	900 sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	3808'	3808'

31. PERFORATION RECORD (Interval, size and number)

3888-92', 3896-3902', 3912-14', 3920-24'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3888-3924'	1,000 gals 15% NE NCL
	23,000 gals gelled water
	17,500# 12/20 sand
	33,000# 20/40 sand

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/25/82		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/27/82	24	40/64"	→	271	60	0	221:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
60	-	→	271	60	0	32°	

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

Sold

35. LIST OF ATTACHMENTS

Logs, Directional Survey

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

SIGNED

TITLE

Exploration Secretary

9/28/82

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

RECEIVED
OCT 4 1982MINERALS MGMT. SERVICE
ROSOWELL, NEW MEXICOACCEPTED FOR RECORD
J. A. G.
German Gravey
OCT 7 1982
U.S. GEOLOGICAL SURVEY
ROSOWELL, NEW MEXICO

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: "Sacks 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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Yates	2836	2858	Dolomite: Very light initial cut when crushed, no residual ring cut. Drilled 2-3 mins/ft. Has 9.5-18% porosity w/9-26% wtr sat. calc using $R_w = .045$.	Rustler Anhydrite	1100'	
Seven Rivers	3068	3084	Dolomite: Yellowish brown, fine sucrosic texture, very good initial and residual ring cut. Drilled 2-2.5 mins/ft., 4-17% porosity, 20-47% wtr saturation.	Top of Salt Base of Salt (Tansill) Yates Seven Rivers	1220' 2490' 2666' 3068'	
Queen	3878	3903	Sandstone: Very fine to coarse, very well rounded quartz grains, no fluor or cut from sand. Drilled 1.5-3 mins/ft. 8-15% porosity w/27-32% water Saturation.	Queen	3878'	
	3906	3926	Sandstone: Very fine grained, slightly calcareous, fine shale particles, good initial cut, very good residual ring cut, trace of gas bubbles from some clusters. drld 1-4 mins/ft 8-17% porosity w/17-33% water saturation.	Penrose Los T.D.	4118' 4296'	
Penrose	4136	4156	Sandstone: very fine grained to silty, shaley calcareous matrix, very friable, appears tight, initial & residual ring cut. Drld 2-4 mins/ft Has 10.5-24% porosity w/18-27% water saturation.			

RECEIVED
OCT 8 1982
FEDERAL OFFICE