

N. M. OIL CONS. COMMISSION

UNITED STATES 1980 SUBMIT IN DUPLICAT.
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

Form approved.
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.
NM-6863

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "G"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT
Querecho Plains - Upper
Bone Springs11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

27-18S-32E

12. COUNTY OR
PARISH

Lea

13. 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 1980' FWL & 1980' FSL

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 6/23/78

16. DATE T.D. REACHED 8/23/78

17. DATE COMPL. (Ready to prod.) 2/15/84

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3727.7' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 13,061'

21. PLUG, BACK T.D., MD & TVD 8,800'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

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

8306-8528' Upper Bone Springs

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Acoustic Velocity & Gamma Guard Forxo Guard

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
13-3/8"	48#	441'	17"	550 sx Class "C"	
8-5/8"	32#	4,505'	11"	1200 sx lite, 300 sx Cl "C"	
5-1/2"	20# & 17#	13,061'	7-7/8"	280 sx Class "H" & 1115 sx lite	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	8,689'	

31. PERFORATION RECORD (Interval, size and number)

8506
8306-20' - 8523-28'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8306-20' -	5000 gals 15% HCL
8523-28'	40,000 gals Mini-Max III-30
	27,000# 20/40 & 55,000#
	12/20 sand

33.*

PRODUCTION

DATE FIRST PRODUCTION 2/20/84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping					WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 2/22/84	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 265	GAS—MCF. 195	WATER—BBL. 95	GAS-OIL RATIO 736:1	
FLOW, TUBING PRESS. --	CASING PRESSURE --	CALCULATED 24-HOUR RATE →	OIL—BBL. 265	GAS—MCF. 195	WATER—BBL. 95	OIL GRAVITY-API (CORR.) 39°		

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

Sold

ACCEPTED FOR RECORD

TEST WITNESSED BY

Herman Cravey

35. LIST OF ATTACHMENTS

Logs sent with original completion forms.

MAY 7 1984

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

SIGNED

TITLE

Exploration Secretary

DATE

2/22/84

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

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. It is to be used for wells drilled under 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 made known to you by the agency to which the report is submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be made known to you by the agency to which the report is submitted.

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. **Item 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 production 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: "Sticks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. (See instruction for items 22 and 24 above.)

MAILED
JUN 19 1984
O.C.D.
HOEBS OFFICE

SHOW ALL IMPORTANT ZONES OF POROSITY AND COEFFICIENTS THEREOF; CORRELATE THE VARIOUS ZONES OF POROSITY AND COEFFICIENTS WITH THE ZONES OF PERMEABILITY AND COEFFICIENTS THEREOF; CORRELATE THE VARIOUS ZONES OF PERMEABILITY AND COEFFICIENTS WITH THE ZONES OF RESISTANCE TO FLOW; CORRELATE THE VARIOUS ZONES OF RESISTANCE TO FLOW WITH THE ZONES OF DEPTH INTERVAL TESTED, PRODUCTION (SED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Salt & Shale	0'	2,316'		Yates	2,890'	
Shale & Anhy	2,316'	2,835'		Queen	3,915'	
Shale & Sand	2,835'	6,447'		Grayburg	4,400'	
Lime & Shale	6,447'	7,530'		2nd Bone Springs	9,240'	
Lime	7,530'	8,750'		Strawn	11,641'	
Shale & Lime	8,750'	9,040'		Atoka	12,030'	
Colomite	9,040'	9,962'		Morrow	12,276'	
Sand, Sh & Dolo	9,962'	9,992'				
Shale & Lime	9,992'	10,120'				
Shale	10,120'	10,175'				
Shale	10,175'	10,292'				
Shale	10,292'	10,360'				
Chert & Sand	10,360'	10,662'				
Shale & Lime	10,662'	10,750'				
Lime & Shale	10,750'	13,060'				