

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

Form approved,
Budget Bureau No. 1004-0137
Expires August 31, 1985

RECEIVED
5. LEASE DESIGNATION AND SERIAL NO.

NM-81606

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
JUN 22 10 47 AM '90

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

FEDERAL "Q"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Avalon Morrow

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

28-20S-27E

12. COUNTY OR
PARISH

Eddy

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. RESER. ☐ 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' FWL & 990' FSL

At top prod. interval reported below

At total depth Same

14. PERMIT NO.

API # 30-015-26246

DATE ISSUED

JUL 2 '90

O.C.P.
ARTESIA, OFFICE

15. DATE SPUDDED 12/02/89 16. DATE T.D. REACHED 1/10/90 17. DATE COMPL. (Ready to prod.) 2/23/90 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* KB 3236.3', GR 3221', DF 3234.8' 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 10,930' 21. PLUG BACK T.D., MD & TVD CIBP @ 10,800' PBTD @ 10,750' KB 22. IF MULTIPLE COMPL., HOW MANY* No 23. INTERVALS DRILLED BY → ROTARY TOOLS X CABLE TOOLS

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

10,642-668' - Morrow

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

SDL-DSN, DLLMG

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"	54.5#	463'	17-1/2"	600 sxs Class "C"	None
8-5/8"	24# & 32#	2,330'	12-1/2"	300 sxs Class "C" & 900 sxs Pacesetter Lite	None
5-1/2"	20#	10,930'	7-7/8"	650 sxs Class "H" & 300 sxs	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE*	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	10,507'	10,507'

31. PERFORATION RECORD (Interval, size and number)

10,656-668' - 12' x 13 holes
10,642-646' - 4' x 5 holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,656-668'	Acidized with 2500 gals 7 1/2%
10,642-646'	+ 500 SCF/bbl of N ₂

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5/07/90		Flowing				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/25/90	24 hrs.	15/64"	→	0	2,300	0	—
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2400#	—	→	0	2,300	0	—	

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

Sold

TEST WITNESSED BY

Bill Pierce

35. LIST OF ATTACHMENTS

Logs

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

SIGNED

Raymond Thompson

TITLE Engr. Oprns. Secretary

DATE 6/07/90

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

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Middle Morrow	10,654'	10,668'	Sandstone	Delaware	2,220'	
Lower Morrow	10,816'	10,842'	Sandstone	Bone Spring	3,834'	
<u>DST #1</u> Bone Spring	3,883'	3,955'	IHP - 1840.2#, IFP - 67.3-39.9#, ISIP 856#, FFP 79-63.1#, FSIP 1488.8#, FHP 1821.8#. Temp. 92° F. @ 3866'. Recovered 3754' gas, 2' free oil, 88' drlg. fluid. Sample Chamber: 20 psi, 0.08 cuft gas, trace cc oil, 0 cc water, 620 cc mud.	3rd Bone Spring Sand	7,736'	
				Wolfcamp	8,176'	
<u>DST #2</u> Strawn	9,539'	9,582'	IHP 4809.3#, IFP 115.7-71.5#, ISIP 164.1#, FFP 113.6-84.1#, FSIP 3893.9#, FHP 4788.8#, Temp. 179° @ 9518'. Rec. 9386' gas in drill pipe and 110' drlg. mud. Sample Chamber: 0 psi, 1800 cc mud.	Cisco Canyon	8,980'	
				Strawn	9,250'	
				Atoka	9,910'	
				Morrow Lime	10,118'	
				Morrow Clastics	10,494'	
				Lower Morrow	10,720'	
				Barnett	10,848'	

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