

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-0426782

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mary Federal

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT
Undesig. Sheep Draw-Morrow Gas

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

Sec. 11, T23S-R25E

12. COUNTY OR PARISH
Eddy

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

Exxon Corporation/ Attn: Melba Knipling

3. ADDRESS OF OPERATOR

P. O. Box 1600, Midland, TX 79702

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

At surface 709' FSL and 1829' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

30-015-25378

DATE ISSUED

8-20-85

15. DATE SPUDDED

9-12-85

16. DATE T.D. REACHED

11-1-85

17. DATE COMPL. (Ready to prod.)

11-23-85

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

KB-3860, DF-3859, GL-3842

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

10,397

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

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)*

Penn 9742-9852

Strawn 9916-10,349

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL-VDL, CNL-GR, CH-SONIC

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
Cond. 20"	94.5	95	26	125 sx CLC	
13 3/8	54 1/2	1613	17 1/2	400 sx CLC & 1600 Halad Lite	
9 5/8	40	2600	12 1/4	475 sx CLC Lite & 300 sx CLC	
7	26 & 32	10395	8 1/2	745 sx CLH & 975 sx TLW	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	9600	9600

31. PERFORATION RECORD (Interval, size and number)

10,349-10,143 146 shots
10,115-10,030 71 shots
10,152-10,120 33 shots
9,954-9,940 15 shots
9,921-9,916 6 shots
9,742-9,852 74 shots

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9916-10,349	13000 gal. of 15% HCL & 70 tons CO ₂
9742-9,852	No stimulation

33.* See Attached

PRODUCTION

33. See Attached

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)						WELL STATUS (Producing or shut-in)
11-23-85	Flowing						Shut-in
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-24-86	1	12/64"	→	11.5 cond.	1729	0	150,347
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2080	0	→	69 cond.	3263 AOF	0	57	

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

TEST WITNESSED BY
ACCEPTED FOR RECORD

35. LIST OF ATTACHMENTS

Multi point and one point back pressure test for gas well.

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

SIGNED

Janet L. Schaumburg

TITLE

Permits Supervisor

DATE

8-29-86

CARLSBAD, NEW MEXICO

*(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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Penn	9582 9780	9780 9875	SH, LS SH w/ TR of DOLO	Bone Spring Wolfcamp U. Penn. Strawn	4966 8749	
Strawn	9875	10060	SH, LS		9711	
	10060	10367	SH, LS, SS		9916	
	10367	10397	LS			

38. GEOLOGIC MARKERS