

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLIC.

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

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

Mobil Oil Corporation

3. ADDRESS OF OPERATOR

Box 633, Midland, Texas 79701

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

At surface Unit F, 1980'FWL & 1980'FWL Sec. 13, T-23-S, R-26-E

At top prod. interval reported by

At total depth

NOV - 9 1973

PERMIT NO.

DATE ISSUED

5-17-73

5. LEASE DESIGNATION AND SERIAL NO.

NM-027994-D

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "NM" Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Carlsbad South Morrow

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

Sec. 13, T-23-S, R-26-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

15. DATE SPUDDED

7-31-73

16. DATE T.D. REACHED

9-14-73

17. DATE COMPL. (Ready to prod.)

O. C. C. 10-27-73

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

3243 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

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)*

11,658-878 (So. Carlsbad Morrow)

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Western GR-Collar-Corr Schj. Density, BHC-N-GR-S, Caliper, Laterolog

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#	367	17 1/2	400x Circ	--
9-5/8	40#	5600	12 1/2	1300x	--

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7"	5389	12,048	2130x	---	2-3/8"	11,651	11,634

31. PERFORATION RECORD (Interval, size and number)

11,658-664, 11,702-710, 11,869-878
1-JSPF Total of 46 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
11,658-878	Western acid w/5000 7/8" acid used 50 BHC Sealers 5W w/1600 w/16000 gals. 5% HAA + 8000 gals. Liquid CO ₂ + 19,200# 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)	
10-30-73		Flowing				shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-30-73	4	Varied	→	--	354.6		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
2196	Packer	→	--	354.6	--	--	

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

Shut in waiting on Pipe Line connection

AOF 3702 MCF

TEST WITNESSED BY

C. W. McDonald

35. LIST OF ATTACHMENTS

Daily drilling operations summary

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

SIGNED

TITLE

Authorized Agent

DATE

11-7-73

*(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: "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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Surf Rock & Gravel	0	271	See attached daily drilling summary
Gravel & Rock	271	381	
Anhy	381	755	
Anhy & Salt	755	1596	
Anhy & Lime	1596	1681	
Anhy	1681	1780	
Lime	1780	10,059	
Lime & Shale	10,059	10,102	
Lime	10,102	10,139	
Lime & Shale	10,139	10,194	
Lime	10,194	10,223	T.D.
Lime & Shale	10,223	11,238	
Lime	11,238	11,479	
Lime & Shale	11,479	12,050	

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Anhydrite	535	
B/salt	1613	
Delaware	1983	
Bone Spring Lm	5300	
B/Bone Spring Lm	8372	
Wellcamp	8745	
Canyon	10,206	
Strawn	10,541	
Atoka	10,770	
Morrow	11,256	
Lower Morrow	11,869	
Chester	12,008	