

Copy 638

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NM 0375257-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal "NN"

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated Yates

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

Sec. 7, T-21-S, R-27-E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

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. PRESVR. Other **RECE.**

2. NAME OF OPERATOR

Mobil Oil Corporation

JUN 25 1973

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

1980' FNL & 660' FEL of Sec. 7, T-21-S, R-27-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

May 3, 1973

15. DATE SPUNDED

5-26-73

16. DATE T.D. REACHED

6-17-73

17. DATE COMPL. (Ready to prod.)

Drilled Dry

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

3206 GR

19. ELBV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

605

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

--

22. IF MULTIPLE COMPL., HOW MANY*

1

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

CABLE TOOLS

X

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

Drilled Dry

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dresser Atlas Acoustic

27. WAS WELL CORED

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"	20#	350	10"	400 x	--

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

Drilled Dry

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift pumping--size and type of pump)	WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Daily Drilling Summary

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

SIGNED

[Signature]

TITLE

Authorized Agent

DATE

6-20-73

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

checked 6-19-73

DAILY DRILLING REPORT

FEDERAL "NN" #1

FEDERAL "NN" #1, 1980' FNL & 660' FEL, Sec 7, T21S, R27E, Eddy County, New Mexico.

5/25/73 Contract awarded to Abbott Bros. Cable Tool contractors, prep to MI rig.

FEDERAL "NN" #1

5/26 MIRU tools, prep to spud.

5/27 95' drlg red bed, 11" hole w/ cable tools, Abbott Bros. spud in 10:00 a.m. 5-26-73.

5/29 150' drlg gyp & shale, 11" hole w/ cable tools.

FEDERAL "NN" #1

5/30 150' ND gyp & shale, 11" hole w/ cable tools, hole caved in to 90', stranded drilling line, fished & rec tools, SD for nite.

FEDERAL "NN" #1

5/31 150' ND gyp & shale, reaming 11" to 12½" hole from 0-100', cont to ream.

FEDERAL "NN" #1

6/1 155 drlg gyp & shale, 10" hole w/ cable tools. Reamed 11" hole to 12½" hole to 120', ran 10-3/4" 30.0# protection csg to 120', CO fill up to 150.

FEDERAL "NN" #1

6/2 210 drlg gyp & sh, 10" hole w/ cable tools.

6/4 350 ND anhy, 10" hole w/ cable tools, prep to run 8-5/8 csg.

FEDERAL "NN" #1

6/5 350 ND, WOC, 8-5/8" csg, ran 350' 8-5/8 OD 20.0# 8rd ST&C csg to 350, P & LD 120' 10-3/4" csg, Howco cmtd 8-5/8 csg on bottom @ 350 w/ 300x Class H cmt w/ 2% CaCl, PD @ 2:15 p.m. 6/4/73, cmt did not circ, WOC 2 hrs, ran 1" Kobe tbg on outside of 8-5/8 csg to 60', Howco cmtd thru 1" pipe w/ 100x Class H cmt w/ 2% CaCl, circ out wtr w/ tr of cmt, job compl 5:00 p.m. 6/4/73, cmt fell back, SD, WOC, prep to recement.

FEDERAL "NN" #1

6/6 350 ND, WOC 8-5/8" csg, ran 1" Kobe tbg on outside of 8-5/8 csg to 55', Howco cmtd thru 1" pipe w/ 100x Class H cmt w/ 2% CaCl, cmt circ to surf, job compl @ 8:00 a.m. 6/5/73, WOC.

FEDERAL "NN" #1

6/7 365 drlg anhy, 8" hole w/ cable tools, drld 40' of cmt in 8-5/8 csg, hole caving from 350-360.

FEDERAL "NN" #1

6/8 390 drlg sh, 8" hole w/ cable tools, hole caving from 350 to 360, prep to run 7" scab liner.

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- FEDERAL "NN" #1
6/9 415 drlg anhy, 6½" hole, w/ cable tools @ 400, ran 93' 7" OD scab liner, T/Liner @ 307, liner stopped hole from caving.
- 6/11 475 drlg anhy & sh, 6½" hole, w/ cable tools, SD for Sunday.
- FEDERAL "NN" #1
6/12 495 drlg anhy & lm, 6½" hole w/ cable tools.
- FEDERAL "NN" #1
6/13 540 drlg lm, 6½" hole w/ cable tools, encountered water @ 520'.
- FEDERAL "NN" #1
6/14 552 drlg grey lime, 6½" hole w/ cable tools, hole full of wtr.
- FEDERAL "NN" #1
6/15 590 drlg grey lime, 6½" hole w/ cable tools.
- FEDERAL "NN" #1
6/16 600 drlg grey lm, 6½" hole w/ cable tools.
- 6/18 604 drlg grey lm, 6½" hole w/ cable tools, SD for Sunday.
- FEDERAL "NN" #1
6/19 605 ND grey lm, 6½" hole, drill from 604-605 in 3 hrs, Dresser Atlas ran Acoustic logs from surf to 597.
- FEDERAL "NN" #1, 605 TD.
6/20 Prep to P&A.

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U. S. GEOLOGICAL SURVEY
BETHLEHEM, PENNSYLVANIA