

NATIONAL OIL

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 6019

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Runyan Fed Com

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec 17, T19S, R23E

12. COUNTY OR PARISH

Eddy

13. STATE

New Mexico

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other

RECEIVED

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

Mesa Petroleum Co ✓

SEP 25 1978

3. ADDRESS OF OPERATOR

1000 Vaughn Building/Midland, Texas 79701

O. C. C.

ARTESIA, OFFICE

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

At surface 1980' FNL & 660' FWL

At top prod. interval reported below

At total depth Same as above

14. PERMIT NO.

DATE ISSUED

| | | | | |
|------------------|-----------------------|----------------------------------|---|----------------------|
| 15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to prod.) | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* | 19. ELEV. CASINGHEAD |
| 5-29-78 | 7-2-78 | 8-2-78 | 4062 GR 4072 RKB | 4062 |

| | | | | | |
|---------------------------|-------------------------------|-----------------------------------|--------------------------|--------------|-------------|
| 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 |
| 4725' | 4692' | - | → | ALL | - |

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

4496'---4646' Aba

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

FDC-CNL-GR, DLL-R_{x0}

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

| CASINO SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|-----------------------------------|---------------|
| 13-3/8 | 48# | 200' | 17½ | 400 sx LW | - |
| 8-5/8 | 24# | 1700 | 12¼ | 200 sx RFC, 800sx 50/50 Poz | - |
| | | | | 200 sx Class C + 50 sx | |
| 5-1/2 | 17# | 4725 | 7-7/8 | 200 sx 50/50 lite-Poz 150/Class C | - |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-------|----------------|-----------------|
| | | | | | 2-3/8 | 4477 | None |

31. PERFORATION RECORD (Interval, size and number)

4496'---4646' (0.50" entry) 21 holes

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|--|
| 4496'---4646' | A/3000 gal + 40 ball sealers |
| 4496'---4646' | F/23000 gal + 4000# 20-40(screen/o |
| 4496'---4646' | F/50,000 gal + 30,000# 20-40 mesh sand |

33.* PRODUCTION

| | | |
|-----------------------|--|------------------------------------|
| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) |
| 8-3-78 | Flowing | Shut In |

| | | | | | | | |
|---------------------|-----------------|-------------------------|-------------------------|----------|------------|-------------------------|---------------|
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
| 9-11-78 | 4 | 11/64 | → | None | 96 | Trace | N/A |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | |
| 80 | 265 | → | - | 577 | - | None | |

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

Vented

TEST WITNESSED BY

Larry Davis

35. LIST OF ATTACHMENTS

Deviation Survey, DST Summary

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

SIGNED

Michael P. Houston

TITLE

Division Engineer

DATE

9-20-78

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

XC: JLF, JWH, MEC, FILE, USGS, JBH