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Form 9-331  
Dec. 1973

NM OIL CONS. COMMISSION

Drawer DD

Artesia, NM 88210

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Form Approved.

Budget Bureau No. 42-R1424

MAY 27 1982

O. C. D.

ARTESIA, OFFICE

### SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well  gas well  other

2. NAME OF OPERATOR  
Mesa Petroleum Co.

3. ADDRESS OF OPERATOR  
1000 Vaughn Bldg., Midland, TX 79701-4493

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1980' FNL & 660' FWL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- PULL OR ALTER CASING
- MULTIPLE COMPLETE
- CHANGE ZONES
- ABANDON\*
- (other)

SUBSEQUENT REPORT OF:

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OIL & GAS  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

5. LEASE	NM-27970
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	Coyote Federal
9. WELL NO.	4
10. FIELD OR WILDCAT NAME	Pecos Slope
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA	Section 20, T2S, R25E
12. COUNTY OR PARISH	Chaves
13. STATE	New Mexico
14. API NO.	
15. ELEVATIONS (SHOW DF, KDB, AND WD)	3848.1' GR

(NOTE) Report results of multiple completion or zone change on Form 9-330.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Work commenced on well 4/13/82. RU wireline co. Tagged PBD @ 4166'. Ran base temperature & gamma ray logs. RU frac co. & pumped 225 bbl. dummy stage tagged with RA material @ 30 BPM & 2000 psi. Ran temperature & gamma ray logs. Logs showed all perms took fluid. Fraced Abo perms 3610-3867' w/150,000 gal. mixture of 2/3 x-linked gel & 1/3 CO<sub>2</sub> using 24,000# 100 mesh sand & 486,000# 20/40 sand. Frac tagged w/RA material. WIH w/logs & tagged sand fill @ 3693' (perms 3707-3867' covered). After 2 hr. SI, opened well on 1/2" choke. Flow tested for several days. Flow tested. Flowed 131 mcf on 15/64" choke w/FTP 260 psi, CP 220 psi. WIH w/logs & tagged sand fill @ 3775' (perms 3784-3867' covered). All zones above fill showed to be treated. Flow tested. RU & killed well w/70 bbls 2% KCL water. ND tree, NU BOP & POH tubing. WIH with hydrostatic bailer; tagged sand @ 3775'. Bailed sand fill to 3890'. WIH w/tbg & SN. Set SN @ 3505'. ND BOP, NU tree. RD PU & turned down sales line 4/28/82.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Cathy Wickerson TITLE Prod. Rec. Analyst DATE 5/10/82

ACCEPTED FOR RECORD  
PETER W. CHESTER  
MAY 26 1982  
U.S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

XC: USGS (6), ELB, MS, CEN, DOS, ADCTG, RSWEL, MEC, LAND, PARTNERS

\*See Instructions on Reverse Side

MAY 14 1982