

UNITED STATES OF AMERICA  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT NO. 101 PL  
(Other instructions  
verse side)Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0556859-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Nash Unit

8. FARM OR LEASE NAME

Nash Unit

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Nash Draw, Morrow

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

Sec 12, T23S, R29E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

## 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 "APPLICATION FOR PERMIT—" for such proposals.)1. OIL ☐ GAS ☒ OTHER ☐  
WELL WELL

2. NAME OF OPERATOR

Mesa Petroleum Co. ✓

3. ADDRESS OF OPERATOR

1000 Vaughn Bldg., Midland, TX 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

1980' FSL &amp; 1980' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

2977' GR

2995' RKB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐

(Other) 5 1/2" liner - perforation

REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐

X

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)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 perti-  
nent to this work.) \*

Drilled 8 1/2" hole to total depth of 13,771' on July 27, 1976. Ran electric logs then ran 5 1/2" 20# S-95 LT&C liner on Brown Oil Tool Type "CMC" hanger. Set pipe 1' off bottom with shoe at 13,770', float collar at 13,727' and top of liner at 10,622'. Cemented with 500 gals of weighted SAM-4 spacer followed by 1025 sx Class "H" + 0.8% Halad 22 + 0.4% CFR-2 + 5# KCL/sx with yield of 1.18 cubic feet per sack and weight of 15.6# PPG. Job complete at 4:20 PM, July 29, 1976. Did not bump plug. WOC 21-3/4 hrs. Had to circulate gas bubble while WOC. Tagged cement at 10,372'. Drilled medium to hard cement from 10,372'-10,604'. Bit fell free from 10,604'-10,622', indicating no cement immediately on top of liner. Cleaned out 5" liner (had 25' cement on top of float collar). Ran bond log. Had excellent bond from 12,900' to total depth and intermittent good to fair bond from 10,622' to 12,900'. Still had slight leak at top of liner. Cleaned out liner tie back sleeve then perforated 11,090'-11,092' for squeeze. Set retainer at 11,000' and squeezed with 100 sx Class "C" with 0.8% Halad 22, 0.4% CFR-2 plus 5# KCL/sx. Squeezed to 3800 psi. Cmt in place at 2:00 AM, August 4, 1976. WOC 24 hrs and started drilling retainer. Drilled up retainer and cleaned out to PBTD of 13,727'. Tested casing to 1500 psi - 30" okay. PU and ran 2-7/8" tubing with 4-5/8" bit and released rotary tools on 8-9-76. MICU on 8-13-76.

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

SIGNED

Michael P. Houston

TITLE

Division Engineer

DATE

August 18, 1976

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

XC: JLF, MEC, LMC, JWH, 9-WI PARTNERS, 5-USGS, 1-FILE

AUG 1976

\*See Instructions on Reverse Side

A. L. BECKMAN  
ACTING DISTRICT ENGINEER

RECEIVED

AUG 23 1976

O. C. C.