

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPL  
(Other instructions  
verse side)TE\*  
re-Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NA 0346362

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Woodman-Federal

9. WELL NO.

4

10. FIELD AND POOL, OR WILDCAT

Cato, S.A. - Est. Und.

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

Sec. 29, T8S, R30E

14. PERMIT NO.

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

4096 Gr.

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

## 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) Completion

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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 pertinent to this work.)\*

12-19-67 Lane Wells run casing log Corr. Log 3465-3000. Perforated 4 1/2" casing with one jet shot at each interval 3227, 3300, 02, 05, 07, 14, 16, 18, 26, 30, 33, 68, 70, 73 and 76 by Lane wells densilog measurements, using 3 1/2" cased select fire gun, 11 gram, NCH 11, 10 charge, 0.075" hole. Ran 2 3/8" tubing seated at 3385 and packer swinging. Chemical Engineers spotted 4 bbls. 28% acid across perfs. 3298-3376 and washed for 2 hours. Raised tubing, seat at 3227'. Acidized perfs. 3298-3376 with total 8000 gals. 28% HCL and 16 - 7/8" FCM ball sealers. Flushed with 4000 gals. treated fresh water. Balled out with 16 balls. On 15 hour test ending 6 a.m. 12-22-67 produced 125 bbls., no water. GOR T-104, gravity 25.8 ° API Corr.

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

SIGNED

TITLE Area Superintendent

DATE 12-22-67

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

\*See Instructions on Reverse Side

DEC 26 1967

U. S. GEOLOGICAL SURVEY  
ROSWELL, NEW MEXICO

## Instructions

**General:** This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

**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 17:** Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.