

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)Form approved.
Budget Bureau No. 42-R1-24

5. LEASE DESIGNATION AND SERIAL NO.

41

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Hearilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hearilla 30

9. WELL NO.

4

10. FIELD AND POOL OR WELL CAT
Designated Gallup
Designated Chacra11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 31, T25N, R4W-MPM

14. PERMIT NO.

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

6968' GR, 6955' DF

12. COUNTY OR PARISH

Rio Arriba

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* Dakota

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

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.)*

T. D. 7600', PBTD 7534'. Perforated Dakota "J" 7478-84', 7462-73' and 7446-50'. Could not break down. Perforated Dakota "J" 7430-36', 7418-24' and Dakota "D" 7278-84'. Spotted acid in annulus and tubing, pressured to 3600#, broke back to 1700#. Communicated around packer. Sandfraced down casing with 35,000# sand and 35,000 gals. water. The Dakota was tested and found to be non-commercial. (50 MCFD, 5 BOPD). Set a cast iron bridge plug at 7200' to shut off Dakota Formation. Set 2-sack plug on top of bridge plug. Perforated Lower Gallup 6576-85', 6597-6601', 6606-16', 6688-96', 6713-17' and 6723-30'. Fraced with 37,200 gals. water and 35,000# sand. Set bridge plug at 6555'. Perforated Upper Gallup 6448-62', 6476-96', 6500-04', 6518-26' and fraced with 40,700 gals. water and 35,000# sand. Set bridge plug at 6360'. Perforated Chacra 3938-58' and fraced with 30,000# sand and 30,000 gals. water. Drilled bridge plugs at 6360' and 6555'. Set Model "D" packer at 5800' with expendable plug to shut-off Gallup to test Chacra. Ran 2 3/8" tubing to 3994' and tested Chacra (290 MCFD on 3/4" choke, CP 122#, TP 29#). Ran 2 3/8" tubing and landed in packer at 5800'. Testing Gallup. Well will be dually completed in Gallup and Chacra zones.

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

ORIGINAL SIGNED BY

SIGNED

FRED VAN MATRE

TITLE

District Engineer

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

USGS (3) MBOCC (2) DRB HDM

*See Instructions on Reverse Side

RECEIVED

DEC 17 1965

OIL CON. COM.

DIST. 3 12/15/65

RECEIVED

DEC 17 1965

U. S. GEOLOGICAL SURVEY
FEDERAL BUREAU OF REVENUE

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 cements 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 putting 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.