

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

5. LEASE DESIGNATION AND SERIAL NO.

SF-067337

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

W. D. Heath "A"

9. WELL NO.

10

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREANE 1/4 SW 1/4 Section 17,
T-29-N, R-9-W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

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 WELL ☐ GAS WELL ☒ OTHER ☐	14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)
2. NAME OF OPERATOR		
3. ADDRESS OF OPERATOR		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		
5. LEASE DESIGNATION AND SERIAL NO.		
6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
7. UNIT AGREEMENT NAME		
8. FARM OR LEASE NAME		
9. WELL NO.		
10. FIELD AND POOL, OR WILDCAT		
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA		
12. COUNTY OR PARISH		
13. STATE		

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)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Well History

(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.)*

The above well was spudded on 10-17-64 and drilled to a depth of 290'. 10-3/4" casing was set at that depth with 225 sacks cement containing 2% calcium chloride. Cement circulated to surface. After waiting on cement tested casing with 600 psi. Test OK. Reduced hole size to 9-7/8" and resumed drilling.

Well was drilled to a depth of 2382. 7-5/8" casing was set at that depth with 600 sacks cement containing 6% gel and 2 pounds medium Tuf Plug per sack. Cement circulated to surface. After waiting on cement tested casing with 1000 psi. Test OK. Reduced hole size to 6-3/4" and resumed drilling.

Well was drilled to a total depth of 6602 and 4-1/2" casing was set at that depth with stage collar set at 4594. Cemented first stage with 150 sacks cement containing 6% gel, 2 pounds medium Tuf Plug per sack followed by 100 sacks neat cement. Cemented second stage with 200 sacks cement containing 2% gel and 50:50 Pommix and 1 cubic foot stratacrete 6 per sack and 1 pound medium Tuf Plug per sack. After waiting on cement tested casing with 3500 psi. Test OK.

Perforated Main Dakota 6540-54, 6576-86 with 4 shots per foot. Fracked these perforations with 31,240 gallons water containing 0.8% potassium chloride, 2 pounds FR-8 per 1000 gallons and 30,000 pounds sand. Breakdown pressure 1700 psi, average treating pressure 2900 psi, average injection rate 56 BPM. Bridge Plug set at 6520 and tested with 3500 psi. Test OK. Perforated Graneros 6456-86 with 2 shots per foot. Fracked these perforations with 29,560 gallons water treated as above and containing 30,000 pounds sand. Breakdown pressure 3200 psi, average treating pressure 2750 psi, average injection rate 51 BPM. Drilled out bridge plug and cleaned up well. (See Reverse Side)

18. I hereby certify that the foregoing is true and correct Fred L. Nabors, District Engineer

SIGNED

ORIGINAL SIGNED BY

F. H. HOLLINGSWORTH

TITLE

DATE

November 16, 1964

(This space for Federal or State office use)

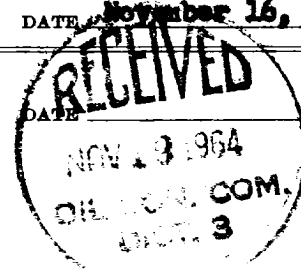
APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side



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.

U.S. GOVERNMENT PRINTING OFFICE: 1963-O-685229

867-851

2-3/8" tubing was set at 6474 and well completed November 9, 1964 as Shut In Basin Dakota Field Development Well. Preliminary test 2700 MCFD.