

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

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		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Sentinel Petroleum Corporation		7. UNIT AGREEMENT NAME Contract #317	
3. ADDRESS OF OPERATOR 1700 Broadway, Suite 517, Denver, Colorado 80202		8. FARM OR LEASE NAME Tract 13	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 790' from West line, 790' from North line NW$\frac{1}{4}$NW$\frac{1}{4}$ Section 31-T24N-R4W		9. WELL NO. Jicarilla Tribal #317	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Ballard	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6817' K.B.		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW$\frac{1}{4}$NW$\frac{1}{4}$ 31-24N-4W	
		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 ☐	PULL OR ALTER CASING ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐
REPAIR WELL ☐	CHANGE PLANS ☐
(Other) ☐	

SUBSEQUENT REPORT OF:

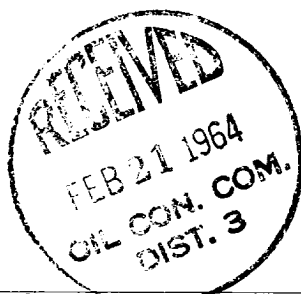
WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREATMENT ☒	ALTERING CASING ☐
SHOOTING OR ACIDIZING ☒	ABANDONMENT* ☐
(Other) ☐	

(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 drilled December 26, 1963, by Whigham Drilling Co. of Farmington, New Mexico, Contractor. Set 106' of 8-5/8" surface casing with 200 sacks cement. Drilled to 2637' T.D. Ran 2637' of 4-1/2" seamless 9.5# casing with 100 sacks cement. Pictured Cliffs top was 2467'.

Moved in swabbing unit January 18, 1964, swabbed well dry, ran gamma-collar log and perforated with 28 gram jets at 2489-91 and 2495-2501. Three holes per foot. Fraced with 30,000 gal. water and 35,000# 10-20 sand with 20 tons CO₂ gas. Left shutin 1 hour and opened well through 2" pipe 4' long, let blow 44 hours to unload fracture water and to test well. Took flow test with pitot tube at 1 hour intervals for three hours. Gauged 1050 M.C.F. No change on eighth hour. Shutin for connection.



RECEIVED

FEB 19 1964

U.S. GEOLOGICAL SURVEY

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

SIGNED Herman Bayer TITLE Prod. Supt. DATE 2/18/64
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*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.