

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN  
(Other inst.  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

LC-6294 S-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Puckett "A"

9. WELL NO.

19

10. FIELD AND POOL, OR WILDCAT

Maljamar

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

Sec. 24-178-31E

12. COUNTY OR PARISH 13. STATE

Eddy

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 ☒ Water Injection DEC 7 1964

2. NAME OF OPERATOR  
WILLIAM A. & EDWARD R. HUDSON

3. ADDRESS OF OPERATOR  
302 Carper Building, Artesia, New Mexico  
ARTESIA, OFFICE

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface 1345' from North and 1345' from East Lines of  
Sec. 24-178-31E

14. PERMIT NO.

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

3915 D.F.

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\* ☐

(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.)\*

On July 27, 1964, a drillable retainer was set at 3610'. Water was pumped below retainer at 2800 psi. at 4 BPM., keeping 1100 psi. on casing. Well was then squeezed with 292 sacks of regular cement, but were unable to get more than 2400 psi. during squeeze. Perforations were cleaned with 10 barrels of water. After WOC 12 hours, well was pressured to 3900 psi. and took water at 3/4 BPM. Squeezed with 200 sacks of regular cement at a maximum pressure of 4200 psi. Reversed out 35 sacks of cement. On July 31, drilled out cement plug from 3611-3724 and cleaned out to 3940'. Set packer at 3810'. Couldn't inject water above packer, indicating formations shut off. Injected below packer at rate of 1 barrel water per hour. Reset packer at 3905'. Couldn't inject above packer, but still taking one barrel per hour below packer. This indicates water entering perforations at 3922-33 (9th zone). Put one barrel of acid into tubing and flushed into formation. Tubing started taking water at rate of 125 to 150 barrels per day. Injected below packer until Dec. 1, 1964. On Dec. 1, 1964, tubing and packer were pulled and 7th zone was reperforated from 3695 to 3701'. Ran Straddle packers and set at 3638' and 3738'. Couldn't inject water between packers. Acidized perforations at 3695-3701 with 200 gallons 15% acid. Started taking acid at 3500 psi. and treatment ended at 3,000 psi. at 1 1/2 bbls./min.

On Dec. 3, the well took 104 bbls. water at 1575 psi. in 18 hours into the 7th zone, so it appears that this zone is opened satisfactorily.

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

SIGNED

TITLE

Consulting Engineer.

DATE Dec. 3, 1964

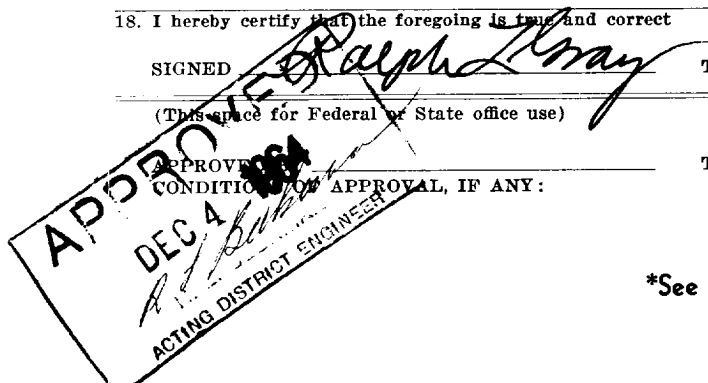
(This space for Federal or State office use)

APPROVE  
CONDITION 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.