

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-05110-B

6. IF INDIAN, NAMED OR TRAIL NAME

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> Re-entry | 7. UNIT AGREEMENT NAME |
| 2. NAME OF OPERATOR S. P. Yates | 8. FARM OR LEASE NAME Riggs |
| 3. ADDRESS OF OPERATOR 207 South 4th Street - Artesia, New Mexico | 9. WELL NO. 3 |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2310' FSL & 2300' FWL Sec. 12-20S-26E | 10. FIELD AND POOL, OR WILDCAT West McMillan S.R. Qn. 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 12-20S-26E Unit K, NMPM |
| 14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3294' GR |
| | 12. COUNTY OR PARISH 13. STATE Eddy N. Mex. |

RECEIVED
JAN 3 1971

B. 88210

ARTESIA

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

| | |
|--|---|
| TEST WATER SHUT-OFF <input type="checkbox"/> | PULL OR ALTER CASING <input type="checkbox"/> |
| FRACTURE TREAT <input type="checkbox"/> | MULTIPLE COMPLETE <input type="checkbox"/> |
| SHOOT OR ACIDIZE <input type="checkbox"/> | ABANDON* <input type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/> | CHANGE PLANS <input type="checkbox"/> |
| (Other) <input type="checkbox"/> | |

SUBSEQUENT REPORT OF:

| | |
|---|--|
| WATER SHUT-OFF <input type="checkbox"/> | REPAIRING WELL <input type="checkbox"/> |
| FRACTURE TREATMENT <input checked="" type="checkbox"/> | ALTERING CASING <input type="checkbox"/> |
| SHOOTING OR ACIDIZING <input checked="" type="checkbox"/> | ABANDONMENT* <input type="checkbox"/> |
| (Other) <input type="checkbox"/> | |

(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.)

TD 668' - PBTD 618'.

10-8-70- Moved in workover rig and drilled out cmt. plug to 636'. Squeezed off perforations at 536-541'. Pumped water into perforations before squeeze at about 1 BPM at 1100-1500# press. Bullheaded 16 sxs Neat cement into perfs 524-529' at 2400# press. Squeeze OK. Perf. 2nd Queen 598-610' with 2 shots/ft. and acidized with 250 gallons NE 15% HCL acid & 24 balls. Broke down at 1600#. Swabbed hole dry. No show of oil.

Sand Frac'd w/5000# 20-40 sand, 9000 gal. treated water with 12 RCN balls. SI well overnight. Put on pump - No production encountered.

11/6/23/70 - Ran Tracer Survey found FL at 451'. Killed well. Perfs at 524-529'; 536-541' & 598-610' open. Squeezed perfs with 25 sx cmt 2% CaCl with 2250# press. Drilled out and swabbed well dry. Re-perforated from 598-610' w/2 shots/ft. with strip gun. Acidized with 290 gal acid. Swabbed water. Squeezed w/50 sxs cmt w/3% CaCl at 2500#. Held OK. Drilled out cmt. and cleaned out hole to 618' PBTD. Re-perforated w/2 shots/ft. set packer at 588' and acidized with 100 gallons of acid (HCL). Swabbed well. Pulled tubing and packer out of hole. Ran tubing and 1½" pump in hole and put well on production.

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

SIGNED

TITLE

Engineer

DATE

1-6-70

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD PURPOSES
JAN - 6 1971
Date
ACTING District Engineer

*See Instructions on Reverse Side

O. C. C.
ARTESIA. OFFICE