

UNITED STATES **N.M.O.C.D. COPY**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm approved.
Budget Bureau No. 42-R1424.

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 type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. NM 24152 | |
| 2. NAME OF OPERATOR Yates Petroleum Corporation | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME | |
| 3. ADDRESS OF OPERATOR 207 South 4th Street, Artesia, New Mexico 88210 | | 7. UNIT AGREEMENT NAME | |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1650' FSL & 2310' FEL Section 27-23S-24E | | 8. FARM OR LEASE NAME No. Crooked Creek Fed. Com. | |
| 14. PERMIT NO. | | 9. WELL NO. 1 | |
| 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3860' GR | | 10. FIELD AND POOL, OR WILDCAT Wildcat | |
| | | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 27-23S-24E, Unit J | |
| | | 12. COUNTY OR PARISH Eddy | |
| | | 13. STATE NM | |

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) | | | |

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) | | | |

(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.)*

Perforated 9811'-16' w/20 .34" holes (4 spf), flowed gas at 20 psi on 24/64" choke. Treated w/1000 gal. 7½% MS acid and nitrogen, flowed gas at 128 psi on ½" choke, 800 MCFGPD. Set RBP at 9760'. Perforated 9733'-38' w/20 .34" holes (4 spf). Treated w/1000 gal. 7½% MS acid and nitrogen. Swabbed well and flosed gas at 73 psi on 1/2" choke, 457 MCF. Set RBP at 9720'. Perforated 9688'-92' w/16 .50" holes (4 spf). Flowed gas at 100 psi on 1/2" choke. Pulled RBP's and open all three Morrow zones together. SITP 1800 psi. Flowed gas at 30 psi on ½" choke. Well dried. Treated w/4000 gal acid plus liquid CO₂ and ball sealers. Swabbed well to flow small amounts of gas and water. Squeezed perforations 9,688' - 92' w/100 sacks class H. Drilled out plug and retested lower perforations. Swabbed well to flow small amounts of gas and water. Sand fractured perforations 9,733' - 38' and 9,811' - 16' w/10,000 gal 5½% MS acid plus 5,000 gal CO₂ w/23,000# frac sand. Recovered load. Swabbed well and obtained small amount of gas flow. Plan to plug back and test Strawn.

RECEIVED

APR 16 1980

O. C. D.

ARTESIA, OFFICE

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

SIGNED George H. StewardTITLE EngineerDATE April 10, 1980

(This space for Federal or State office use)

APPROVED BY GEORGE H. STEWARDTITLE ACTING DISTRICT ENGINEERDATE APR 14 1980

CONDITIONS OF APPROVAL, IF ANY: