

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐ DUAL COMPLETION

2. NAME OF OPERATOR

YATES PETROLEUM CORPORATION (505) 748-14

3. ADDRESS OF OPERATOR

105 South 4th St., Artesia, NM 88210

MAR - 6 1992

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1980' FNL & 810' FWL, Sec. 9-T23S-R24E, NMPM O. C. D.

OFFICE

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

API #30-015-26887

12. COUNTY OR PARISH

Eddy

13. STATE

NM

15. DATE SPUDDED

11-29-91

16. DATE T.D. REACHED

1-4-92

17. DATE COMPL. (Ready to prod.)

2-10-92

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

4143' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

10920'

21. PLUG BACK T.D., MD & TVD

10714'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-10920'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

10516-10558' Morrow

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDT; DLL; LSS

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD        | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|-------------------------|---------------|
| 20"         |                 | 35'            | 26"       | RediMix                 | Post ID-2     |
| 13-3/8"     | 54.5#           | 403'           | 17-1/2"   | 630 sx + 30 yds RediMix | 6-12-92       |
| 9-5/8"      | 36#             | 2412'          | 12-1/4"   | 700 sx                  | comp + BK     |
| 5-1/2"      | 15.5# & 17#     | 10920'         | 7-7/8"    | 825 sx                  |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-7/8" | 10431'         | 10431'          |

31. PERFORATION RECORD (Interval, size and number)

10516-10558' w/14 - .42" Holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 10516-10558'        | w/1000g. 7 1/2% NEFE acid+N2.    |
|                     | SF w/20000g. Purgel 40 XL gel    |
|                     | + CO2 & 18600# 20/40 Interprop.  |

33.\* PRODUCTION

|                       |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 1-23-92               |                 | Flowing                                                              |                         |          |            | SIWOPLC                            |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 1-23-92               | 24              | 1/2"                                                                 | →                       | -        | 1650       |                                    |               |
| FLOW. TUBING PRESS.   | CASINO PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO                      |               |
| 250                   | PKR             | →                                                                    | -                       | 1650     | -          | 1992 -                             |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented - Will be sold

TEST WITNESSED BY

Dyke Dodson

35. LIST OF ATTACHMENTS

DUAL APPROVAL PENDING PER CONVERSATION WITH MICHAEL STOGNER,  
Deviation Survey, DST's, Logs / NMOCD, SANTA FE, NM, 2-26-92.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Production Supervisor

DATE 2-26-92

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

| 38. GEOLOGIC MARKERS |                |             |                             |
|----------------------|----------------|-------------|-----------------------------|
| FORMATION            | TOP            | BOTTOM      | DESCRIPTION, CONTENTS, ETC. |
|                      |                |             |                             |
|                      | NAME           | MEAS. DEPTH | TOP<br>TRUE<br>VERT. DEPTH  |
|                      | San Andres     | 1239        |                             |
|                      | Delaware       | 1513        |                             |
|                      | Bone Springs   | 3167        |                             |
|                      | Wolfcamp       | 7729        |                             |
|                      | Penn           | 8246        |                             |
|                      | Strawn         | 8659        |                             |
|                      | Atoka          | 9770        |                             |
|                      | Morrow Clastic | 10441       |                             |

YATES PETROLEUM CORPORATION

Azotea AJZ Federal #1, NM-43522  
1980' FNL & 810' FWL  
Sec. 9-T23S-R24E  
Eddy County, NM

DRILL STEM TESTS

DST #1 10,375 - 10,442' (67') Morrow: TIMES: 15", 60", 60", 180".  
RECOVERY: 158' (.61 bbls) drilling mud. C1 87K (top) and 89K (bottom).  
SAMPLER: .12 cu ft gas and 2000 cc mud; C1 91. PRESSURES: Depth  
10,404', BHT 174 deg F. IHP 5002, IFP 107-112, ISIP 265, FFP 107-122,  
FSIP 582, FHP 4962.

DST #2 10,490 - 10,565' (75') LIME AND SHALE: TIMES: 15" , 60", 60",  
180", 60". RECOVERY: 235' (.91 bbls) drilling mud. C1 80K (top).  
SAMPLER: .64 cu ft gas, 700 cc mud. PRESSURES: Depth 10,500', BHT 179  
deg F. IHP 5022, IFP 97-127, ISIP 3625, 2nd FP 105-165, FSIP 4165,  
FFP 102-180, FHP 5025.

DST # 3 10,670'- 10,742' (72'): TIMES: 15", 60", 60", 180", 60".  
RECOVERY: 809' (3.10 bbls) drilling mud with slight gas cut and trace of  
formation water. C1 - Top 80K, Middle 80 K, Bottom 80K. SAMPLER: .065 cu  
ft gas, 2300 cc mud (slightly gas cut and trace of formation water), c1  
86K. PRESSURES: IHP 5122, IFP 102-155, ISIP 2980, 2nd FP 177-332, FSIP 2982,  
FFP 355-447, FHP 5125.