

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT P. O. BOX 1980  
HOBBS, NEW MEXICO 88240

SUBMIT IN DUPLICATE\*

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 \_\_\_\_\_  
JUN 23 10 45 AM '93

2. NAME OF OPERATOR  
YATES PETROLEUM CORPORATION (505) 748-1471

3. ADDRESS OF OPERATOR  
105 South 4th St., Artesia, NM 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 2310' FNL & 1650' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. 30-025-31947  
DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM-77062

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Amanda AMN Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Diamondtail Delaware

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

Section 11-T23S-R32E

12. COUNTY OR PARISH Lea  
13. STATE NM

15. DATE SPUDDED RH 4-20-93  
16. DATE T.D. REACHED 5-8-93  
17. DATE COMPL. (Ready to prod.) 6-2-93  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 3728' GR  
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 9100'  
21. PLUG, BACK T.D., MD & TVD  
22. IF MULTIPLE COMPL., HOW MANY\*  
23. INTERVALS DRILLED BY  
ROTARY TOOLS 0-9100'  
CABLE TOOLS

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

7017-8958' Delaware

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

CNL/LDC; DLL; Gamma Ray

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"         |                 | 40'            | 26"       | Cement to surface      |               |
| 13-3/8"     | 54.5# J-55      | 1170'          | 17-1/2"   | 1010 sacks - circulate |               |
| 8-5/8"      | 32# J-55        | 4754'          | 11"       | 1900 sacks - circulate |               |
| 5-1/2"      | 15.5# & 17#     | 9100'          | 7-7/8"    | 1135 sacks             |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|------|----------------|-----------------|
|      |          |             |               |             |      |                |                 |
|      |          |             |               |             |      |                |                 |
|      |          |             |               |             |      |                |                 |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

7017-7054' w/7 .42" holes; 7406-7487' w/12 .42" holes; 8119-8121' & 8158-8160' w/6 .42" holes; 8340-8356' w/8 .42" holes; 8574-8650' & 8696-8699' w/18 .42" holes; 8955-8958' & 8962-8972' w/15 .42" holes

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| SEE ATTACHED PAGE   | J. Lora 29 1993                  |
|                     |                                  |
|                     |                                  |
|                     |                                  |

33. PRODUCTION

|                       |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 6-2-93                |                 | Pumping                                                              |                         |          |            | Producing                          |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 6-14-93               | 24              | 2"                                                                   | →                       | 74       | 55         | 611                                | 743           |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 75                    | 75              | →                                                                    | 74                      | 55       | 611        | N/A                                |               |

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

Gas will be sold when connected

TEST WITNESSED BY

Ed Perry

35. LIST OF ATTACHMENTS

Logs, Deviation survey and Drill Stem Test

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

SIGNED Rusty Klein TITLE Production Clerk DATE June 16, 1993

\*(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):

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. |
|-----------|-----|--------|-----------------------------|
|           |     |        |                             |

| 38. | GEOLOGIC MARKERS | NAME                                                                     | TOP                                       |                  |
|-----|------------------|--------------------------------------------------------------------------|-------------------------------------------|------------------|
|     |                  |                                                                          | MEAS. DEPTH                               | TRUE VERT. DEPTH |
|     |                  | Rustler<br>Base of Salt<br>Bell Canyon<br>Cherry Canyon<br>Brushy Canyon | 1205'<br>4654'<br>4930'<br>5898'<br>7681' |                  |

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AMANDA AMN FEDERAL #1  
NM-77062  
Section 11-T23S-R32E  
Lea County, New Mexico

ACID SHOT, FRACTURE, CEMENT SQUEEZE, ETC: (No. 32 on Completion Report):

DEPTH INTERVAL AND TREATMENT

|                           |                                                                                                                                                                                                     |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8955-8958' and 8962-8972' | Acidized with 1000 gallons 7-1/2% NEFE acid and ball sealers. Frac'd with 1200 gallons 35# Linear pre-pad, 8800 gallons 35# crosslink gel and 20000# 20-40 resin coated sand.                       |
| 8646-8699'                | Acidized with 1000 gallons 7-1/2% NEFE HCL and ball sealers.                                                                                                                                        |
| 8574-8602'                | Acidized with 1000 gallons 7-1/2% NEFE with ball sealers.                                                                                                                                           |
| 8574-8699'                | Frac'd w/3000 gallons 35# Linear pre-pad, 22000 gallons 35# crosslink gel and 60000# 20-40 resin coated sand with radioactive tracer.                                                               |
| 8340-8356'                | Acidized with 500 gallons 7-1/2% NEFE and ball sealers. Reacidized with 500 gallons 7-1/2% NEFE HCL and ball sealers.                                                                               |
| 8158-8160'                | 200 gallons 7-1/2% NEFE HCL acid.                                                                                                                                                                   |
| 8119-8121' & 8158-8160'   | Acidized with 200 gallons 7-1/2% NEFE acid and ball sealers. Frac'd perforations 8119-8160' with 600 gallons 35# Linear pre-pad, 4400 gallons 35# crosslink gel and 12000# 20-40 resin coated sand. |
| 7454-7487'                | Acidized with 600 gallons 7-1/2% HCL and ball sealers.                                                                                                                                              |
| 7406-7409'                | Acidized w/200 gallons 7-1/2% HCL acid.                                                                                                                                                             |
| 7406-7487'                | Frac'd with 1800 gallons 35# Linear pre-pad, 13200 gallons 35# crosslink gel and 36200# 20-40 resin coated sand.                                                                                    |
| 7017-7054'                | Acidized with 500 gallons 7-1/2% NEFE HCL and ball sealers. Frac'd perforations with 1200 gallons 35# Linear pre-pad, 8800 gallons 35# crosslink gel and 24000# 20-40 resin coated sand and tracer. |

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YATES PETROLEUM CORPORATION  
Amanda AMN Federal #1  
Unit F, Section 11-T23S-R32E  
Lea County, New Mexico

DRILL STEM TEST

DST #1 7020-7078' (Delaware): TO 15"; SI 60"; TO 60"; SI 120"; TO 60".  
Recovery: 92' oil, 186' drilling mud. Sampler: 80 cc oil, 0.15 cfg and  
1800 cc mud. BHT: 107 degrees F. Pressures: IHP 3198; IFP 15-18;  
ISIP 2720; 2nd FP 18-38; 2nd SIP 2657; FFP 44-88; FHP 3197

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APR 21 1992

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