

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other In-  
structions 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 ☐ REPER- EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Amoco Production Co.

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N M 87401

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

At surface

930'FSL x 1450'FWL

At top prod. interval reported below

At total depth same

14. PERMIT NO. BUREAU OF LAND MANAGEMENT  
FARMINGTON, RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Apache A 118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache A118

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

Ojito Gallup Dakota

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

SE/SW Sec35, T26N, R3W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

15. DATE SPUDDED 10/16/84 16. DATE T.D. REACHED 11/3/84 17. DATE COMPL. (Ready to prod.) 1/10/85 18. ELEVATIONS (OF, RKB, RT, GR, ETC.)\* 7411'GR 19. ELEV. CASINGHEAD 7411'

20. TOTAL DEPTH, MD & TVD 8507' 21. PLUG, BACK T.D., MD & TVD 8464' 22. IF MULTIPLE COMPL., HOW MANY\* N/A 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS Rotary

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

7140'-7414'

7480'-8404' Gallup Dakota

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-SP-GR, CDL-CNL-GR-CAL

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 |
|-------------|-----------------|----------------|-----------|---------------------------------------|---------------|
| 9-5/8"      | 32.3# H40       | 307'           | 12-1/4"   | 413 c.f. Class B                      |               |
| 5-1/2"      | 17#, N80        | 8506           | 8-3/4"    | 1) 400 c.f. Class B 50:50 Poz         |               |
|             |                 |                |           | tailed in with 493c.f. Class B        |               |
|             |                 |                |           | 50:50 poz 2) 1842c.f. Class B 65:35pc |               |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) | SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
|      |          |             |               |             | 2-3/8" | 8418'          | None            |

31. PERFORATION RECORD (Interval, size and number)

8297'-8302', 8338'-8348', 8380'-8404',

4 ljspf, .50" 156 holes

7304'-7414', 7140'-7280'

7480'-7502', 7502'-7532', 7532'-7562',

7562'-7592', 1jspf, .50", 110 holes

7592'-7622'

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 8297'-8404'         | 48,000 gal 30# gel and           |
|                     | 62,000# 20-40 sand               |
| 7480'-7622'         | 90,000 gal 30# gel and 100,000#  |
| 7140'-7414'         | 20-40 sand                       |

33. PRODUCTION

|                       |                 |                                                                      |                         |          |            |                         |                                    |  |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|-------------------------|------------------------------------|--|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            |                         | WELL STATUS (Producing or shut-in) |  |
| 1/4/85                |                 | Pumping                                                              |                         |          |            |                         | Shut-in                            |  |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO                      |  |
| 3/18/85               | 24              | 32/64                                                                | →                       | 28       | 161        | 21                      | 5700                               |  |
| FLOW, TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |                                    |  |
| 110 psi               | 110 psi         | →                                                                    | 28                      | 161      | 21         |                         |                                    |  |

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

To be sold

TEST WITNESSED BY

R.G. hokit

35. LIST OF ATTACHMENTS

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

SIGNED

BDS Shaw

TITLE

Adm. Supervisor

DATE

5/3/85

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

NMOCC



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, time tool open, flowing and shut-in pressures, and recoveries);

38.

GEOLOGIC MARKERS

| FORMATION       | TOP  | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | TOP         |                  |
|-----------------|------|--------|-----------------------------|------|-------------|------------------|
|                 |      |        |                             |      | MEAS. DEPTH | TRUE VERT. DEPTH |
| Ojo Almo        | 3162 | 3821   |                             |      |             |                  |
| Fruitland       | 3821 | 3963   |                             |      |             |                  |
| Pictured Cliffs | 3963 | 4050   |                             |      |             |                  |
| Cliffhouse      | 5658 | 5932   |                             |      |             |                  |
| Menefee         | 5932 | 6102   |                             |      |             |                  |
| Point Lookout   | 6102 | 6288   |                             |      |             |                  |
| Gallup          | 7088 | 7622   |                             |      |             |                  |
| Dakota          | 8292 | 8488   |                             |      |             |                  |

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

Expires August 31, 1985

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.)

OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Amoco Production Co.

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, N.M. 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface

930' FSL x 1450' FWL

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

14. PERMIT NO.

15. ELEVATIONS (Show whether OF, RT, CR, etc.)

7411' GR

5. LEASE DESIGNATION AND SERIAL NO.

Jicarilla Apache A118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla Apache A118

9. WELL NO.

9

10. FIELD AND POOL, OR WILDCAT

UNCLAS GLP/UNCLAS DK

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

SE/SW Sec35, T26N, R3W

12. COUNTY OR PARISH

Rio Arriba

13. STATE

NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PLUG OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Completion

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recoupletion 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.)

Moved in and rigged up service unit on 11/9/84. Total depth of the well is 8507' and plugback depth is 8464'. Pressure tested production casing to 6200 psi. Perforated the following Dakota intervals: 8297'-8302', 8338'-8348', 8380'-8404', 4 jspf, .50" in diameter, for a total of 156 holes. Fraced Dakota interval with 48000 gal 30# gel and 62,000# 20-40 sand. Squeezed casing leak at 3248' with 59 cu. ft. Class B Ideal. Perforated the following Gallup intervals: 7480'-7502', 7502'-7532', 7532'-7562', 7562'-7592', 7592'-7622', 1 jspf, .50" in diameter, for a total of 142 holes. Fraced lower Gallup intervals with 90,000 gal 30# gel and 100,000# 20-40 sand. Perforated the following upper Gallup intervals: 7304'-7414', 1 jspf, .50" in diameter, for a total of 110 holes. Perforated the following upper Gallup intervals: 7140'-7280', 1 jspf, .50" in diameter, for a total of 140 holes. Fraced upper Gallup interval 7140'-7414' with 126,000 gal 30# gel and 175,000 #20-40 sand.

Landed 2-3/8" tubing at 8418' and released the rig on 1/29/85.

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

SIGNED

B.D. Shaw

TITLE

Adm. Supervisor

DATE

3/23/85

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

ACCEPTED FOR RECORD

FARMINGTON RESOURCE AREA

\*See Instructions on Reverse Side

NM0000