

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.

SF-078039

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
Barnes "A" #20

9. API WELL NO.

30-045-27834

10. FIELD AND POOL, OR WILDCAT

Basin Fruitland Coal Gas

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

Sec. 27, T32N-R11W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REVR. ☐ Other

2. NAME OF OPERATOR

Amoco Production Company

Attn: J.L. Hampton

3. ADDRESS AND TELEPHONE NO.

P.O. Box 800 Denver, Colorado 80201

(303) 830-5025

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

At surface 1230' FNL, 800' FEL Unit "A"

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

6/18/90

16. DATE T.D. REACHED

6/23/90

17. DATE COMPL. (Ready to prod.)

9/25/90

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

6458' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

3390'

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

3325'

22. INTERVALS DRILLED BY

ROTARY TOOLS

Yes

CABLE TOOLS

No

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

2600'-3162' Fruitland Coal

26. TYPE ELECTRIC AND OTHER LOGS RUN

Density, GR, micro logs

OIL CON. DIST. 3

27. WAS WELL CORRED

No

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

| CASING SIZE/GRADE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | TOP OF CEMENT, CEMENTING RECORD | AMOUNT PULLED |
|---------------------|-----------------|----------------|-----------|--|---------------|
| 8 5/8" | 24# | 265' | 12 1/4" | 215 sx Cl B w/2% CACL2 | Ø |
| 5 1/2" | 17# | 3372' | 7 7/8" | 180 sx Western 65/35 Poz | lead Ø |
| | | | | 200 sx Western Neat tail | Class B |
| DV tool set @ 1868' | | | | 2nd stage 500 sx Cl B 65/35 Poz, tail w/60 sx Cl B | Western |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | BACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|--------|----------------|-----------------|
| | | | | | 2 3/8" | 3147' | |

31. PERFORATION RECORD (Interval, size and number)

See Attached

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| See Attached | |

33.* PRODUCTION

| | | | | | | | |
|-----------------------|-----------------|--|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | | | WELL STATUS (Producing or shut-in) | |
| 9/1/90 | | Flowing | | | | SI-W/O pipeline | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BSL. | GAS—MCF. | WATER—BSL. | GAS-OIL RATIO |
| 9/24/90 | 24 | 1" | → | Ø | 120 | 1 | |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BSL. | GAS—MCF. | WATER—BSL. | OIL GRAVITY-API (CORR.) | |
| 120 | 320 | → | Ø | 120 | 1 | | |

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

to be sold

35. LIST OF ATTACHMENTS

Perf and Frac information and remedial cement information. Cement reports.

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

SIGNED

J.L. Hampton / Web

TITLE

Sr Staff Admin. Supr.

DATE 4/1/92

*(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, time tool open, flowing and shut-in pressures, and recoveries):

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

38.

GEOLOGIC MARKERS

| NAME | TOP | |
|-----------------|-------------|------------------|
| | MEAS. DEPTH | TRUE VERT. DEPTH |
| Fruitland | 2871' | |
| Pictured Cliffs | 3195' | |
| | | |

PERFORATE FRUITLAND COAL:

- A.) 3132'-3138' W/4 JSPF, .50 INCH DIAMETER, 24 SHOTS, OPEN
3161'-3177' W/4 JSPF, .50 INCH DIAMETER, 64 SHOTS, OPEN
3186'-3189' W/4 JSPF, .50 INCH DIAMETER, 12 SHOTS, OPEN
- B.) 2948'-2951' W/4 JSPF, .50 INCH DIAMETER, 12 SHOTS, OPEN
2964'-2968' W/4 JSPF, .50 INCH DIAMETER, 16 SHOTS, OPEN
3001'-3005' W/4 JSPF, .50 INCH DIAMETER, 16 SHOTS, OPEN
3079'-3082' W/2 JSPF, .50 INCH DIAMETER, 12 SHOTS, OPEN
3092'-3105' W/2 JSPF, .50 INCH DIAMETER, 52 SHOTS, OPEN

FRAC THE FRUITLAND COAL WITH:

- A.) FRAC 3132'-3189', FRAC DOWN CASING, PUMP 2,200 GAL WATER TO FILL HOLE. PUMP 64,536 PAD WITH .75# PER GAL FR-28, 5000# 40/70 BRADY SAND AND 12,000# 20/40 BRADY SAND. AIP 1800 PSI, AIR 3066 GPM
- B.) FRAC 2948'-3189', FRAC DOWN CASING WITH 1,478 BBLs GEL PAD AND 20,000# 20/70 SAND. AIP 1575 PSI, AIR 61 BPM