

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

LC-065478-b

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal F Gas Com

9. WELL NO.

1

10. FIELD AND POOL OR WILDCAT

Sec 19, 1/4, 1/4  
Und. Atoka

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

3-18-27

12. COUNTY OR PARISH  
Eddy13. STATE  
NM

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

MAY 22 1980

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

P. O. Box 68 Hobbs, NM 88240

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

At surface

1980' FNL &amp; 1650' FEL, Sec. 3

At top prod. interval reported below (Unit G, SW/4, SE/4)

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11-23-79

16. DATE T.D. REACHED

1-3-80

17. DATE COMPL. (Ready to prod.)

2-25-80

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

3560.1 GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

9957'

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

9615'

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-TD

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

9344'-9356' Atoka

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Comp Neutrom Form Density; Dual Laterolog Micro SFL

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 |
|-------------|-----------------|----------------|-----------|---------------------------|---------------|
| 13-3/8"     | 48#             | 1007'          | 17-1/2"   | 950 SX Class C            | 125 SX        |
| 8-5/8"      | 24#, 32#        | 5798'          | 12-1/4"   | 2928 Lite; 200 SX Class C | 1150 SX       |
| 5-1/2"      | 14#, 15.5#      | 9957'          | 7-7/8"    | 875 Lite; 270 SX Class C  | TCMT 3490'    |

29. LINER RECORD

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

30. TUBING RECORD

| SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2-3/8" | 9157'          | 9111'           |

31. PERFORATION RECORD (Interval, size and number)

9344'-9356' w/4 JSPF

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
|                     | RECEIVED                         |
|                     | MAY 28 1980                      |

33.\* PRODUCTION

|                       |                 |                                                                      |                         |          |            |                                    |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|----------|------------|------------------------------------|---------------|
| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |          |            | WELL STATUS (Producing or shut-in) |               |
| 2-25-80               |                 | Flowing                                                              |                         |          |            | ARTESIA, ON SHUT-IN                |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 2-25-80               | 10              | 28/64                                                                | →                       | 0        | 1291       | 5                                  |               |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.)            |               |
| 650#                  |                 | →                                                                    | 0                       | 3100     | 12         | red ID                             |               |

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs mailed 1-31-80

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

SIGNED

Bob Laws

TITLE

Admin. Analyst

DATE

5-15-80

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

0+4-USGS, A

1-Hou

1-Susp

1-BD

1-Hondo

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 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 | AS  | DESCRIPTION, CONTENTS, ETC. |
|-----------|-------|--------|-----|-----------------------------|
| Atoka     | 9344' | 9356'  | Gas |                             |

## 38. GEOLOGIC MARKERS

| NAME    | MEAS. DEPTH | TOP | TRUE VERT. DEPTH |
|---------|-------------|-----|------------------|
| Cisco   | 7715'       |     |                  |
| Strawn  | 8689'       |     |                  |
| Atoka   | 9234'       |     |                  |
| Morrow  | 9463'       |     |                  |
| Chester | 9900'       |     |                  |

WELL NAME AND NUMBER Federal E. Gas Com. #1

LOCATION 1650' FEL 1980' FNL Section 3, T-18-S, R-27-E Eddy County, N.M. **RECEIVED**  
(Give Unit, Section, Township and Range)

OPERATOR Amoco Production Company

MAR 14 1980

DRILLING CONTRACTOR McVay Drilling Company

O. C. D.

ARTESIAL OFFICE

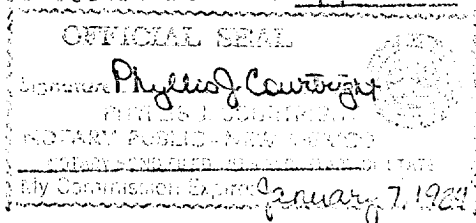
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

| <u>Degrees @ Depth</u> | <u>Degrees @ Depth</u>      | <u>Degrees @ Depth</u>      |
|------------------------|-----------------------------|-----------------------------|
| <u>1/2° 170</u>        | <u>1° 4936</u>              | <u>                    </u> |
| <u>1° 344</u>          | <u>1-1/4° 5342</u>          | <u>                    </u> |
| <u>1-1/2° 494</u>      | <u>3/4° 6131</u>            | <u>                    </u> |
| <u>1-3/4° 580</u>      | <u>1/2° 6538</u>            | <u>                    </u> |
| <u>1-1/4° 741</u>      | <u>1/2° 7014</u>            | <u>                    </u> |
| <u>1-3/4° 911</u>      | <u>1/2° 7282</u>            | <u>                    </u> |
| <u>1-3/4° 1007</u>     | <u>3/4° 7752</u>            | <u>                    </u> |
| <u>1-1/4° 1301</u>     | <u>1-3/4° 8252</u>          | <u>                    </u> |
| <u>1° 1634</u>         | <u>1/2° 8594</u>            | <u>                    </u> |
| <u>3/4° 2068</u>       | <u>1° 8988</u>              | <u>                    </u> |
| <u>3/4° 2567</u>       | <u>1° 9392</u>              | <u>                    </u> |
| <u>1° 3097</u>         | <u>3/4° 9957</u>            | <u>                    </u> |
| <u>1° 3596</u>         | <u>                    </u> | <u>                    </u> |
| <u>1-1/4° 4095</u>     | <u>                    </u> | <u>                    </u> |
| <u>1-1/4° 4454</u>     | <u>                    </u> | <u>                    </u> |

Drilling Contractor McVay Drilling Company

By:                     

Subscribed and sworn to before me this 11<sup>th</sup> day of January, 1980



Notary Public

County                     

My Commission Expires: