

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-E355.5.

## 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. LESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

AMCO PRODUCTION CO.

3. ADDRESS OF OPERATOR

501 Airport Drive, Farmington, New Mexico 87401

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

At surface

2270' BBL &amp; 1700' FBL

At top prod. interval reported below

Same

At total depth

Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

5-4-71

16. DATE T.D. REACHED

6-7-71

17. DATE COMPL. (Ready to prod.)

7-6-71

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

CL 6038', REB 4938'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

8465'

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

8429'

22. IF MULTIPLE COMPL., HOW MANY\*

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23. INTERVALS, LOGS, ETC.

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CABLE TOOLS

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

8274-8288 Paradox

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Induction Electric &amp; Compensated Sonic-Gamma Ray

27. WAS WELL CORED

No

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | MOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 10-3/4"     | 40.50, 43.50    | 600'           | 13"       | 430 cu.          | None          |
| 5-1/2"      | 13.33, 170      | 8465'          | 7-7/8"    | 1150 cu.         | None          |
|             |                 |                |           |                  |               |
|             |                 |                |           |                  |               |

29. LINER RECORD

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

30. TUBING RECORD

| SIZE   | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2-7/8" | 8379'          | 7534'           |
|        |                |                 |
|        |                |                 |

31. PERFORATION RECORD (Interval, size and number)

8274-8288' x 2 shots per foot

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 8274-88'            | 1500 gal. 13% HCl.               |
|                     |                                  |
|                     |                                  |

33.\* PRODUCTION

| DATE FIRST PRODUCTION |                 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) |                         |                 |            | WELL STATUS (Producing or shut-in) |               |
|-----------------------|-----------------|----------------------------------------------------------------------|-------------------------|-----------------|------------|------------------------------------|---------------|
|                       |                 | Flowing                                                              |                         |                 |            | Shut In                            |               |
| DATE OF TEST          | HOURS TESTED    | CHOKE SIZE                                                           | PROD'N. FOR TEST PERIOD | OIL—BBL.        | GAS—MCF.   | WATER—BBL.                         | GAS-OIL RATIO |
| 7-6-71                | 3               | 0.750                                                                | →                       |                 |            |                                    |               |
| FLOW. TUBING PRESS.   | CASING PRESSURE | CALCULATED 24-HOUR RATE                                              | OIL—BBL.                | GAS—MCF. (4681) | WATER—BBL. | OIL GRAVITY API (CORR.)            |               |
| 369                   | 1113            | →                                                                    |                         | 4128 (AOF)      |            |                                    |               |

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

To be sold to El Paso Natural Gas Company

TEST WITNESSED BY JUL 8 1971

35. LIST OF ATTACHMENTS

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

U. S. GEOLOGICAL SURVEY  
DURANGO, COLO.

SIGNED

TITLE

Area Engineer

DATE

July 7, 1971

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

# 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 38, 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 38. 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 | DESCRIPTION, CONTENTS, ETC. |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------------------|
| DEPT #1: 2364-2435'                                                                                                                                | Tool open 3 min. - Tool opened tool with strong blow and gas to surface in 33 min. Gas blow too small to measure throughout 3 hr. interval. SI for 3 hr. 1 min. IHP 1730, ISI 795, IWP 79, FWP 105, PSI 621, WHP 1187. Recovered 40' slightly gas cut mud. |        |                             |
| DEPT #2: 2465-2610'                                                                                                                                | Tool open 5 min. Good blow. SI 1 hr. Opened tool 1 hr. with no blow. SI 1 hr. Test tool plugged.                                                                                                                                                           |        |                             |
| DEPT #3: 3246-3300'                                                                                                                                | Opened tool and packer failed.                                                                                                                                                                                                                             |        |                             |
| DEPT #4: 3274-3288' - 2 hr. flow. IWP 31, FWP 377. 3 hr. SI. PSI 2038, IHP 4038, WHP 4038, minimum temperature 240°. Recovered 730' of salt water. |                                                                                                                                                                                                                                                            |        |                             |
| Paradox                                                                                                                                            | 3274'                                                                                                                                                                                                                                                      | 3288'  | Gas zone (sour)             |

## 38.

### GEOLOGIC MARKERS

| NAME           | MEAS. DEPTH | TOP | TRUE VERT. DEPTH |
|----------------|-------------|-----|------------------|
| LOS TOPS       | 2226'       |     |                  |
| Greenhorn      | 2381'       |     |                  |
| Dakota         | 2680'       |     |                  |
| Wofford        | 3162'       |     |                  |
| Junction Creek | 3434'       |     |                  |
| Summitville    | 3902'       |     |                  |
| Katerra        | 3630'       |     |                  |
| Cornell        | 3684'       |     |                  |
| Wingate        | 4008'       |     |                  |
| Chinle         | 4637'       |     |                  |
| Shinarump      | 4743'       |     |                  |
| Koonkopi       | 4824'       |     |                  |
| De Chelly      | 5038'       |     |                  |
| Cutler         | 6532'       |     |                  |
| Rico           | 6987'       |     |                  |
| Upper Hermosa  | 7368'       |     |                  |
| Paradox        |             |     |                  |