

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(See other in-  
structions on  
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1A. TYPE OF WELL OIL ☐ GAS ☒ WELL DRY ☐ OTHER ☐

B. TYPE OF COMPLETION:  
NEW ☐ WORK ☐ DEEP- ☐ PLUG ☐ DIFF. ☐  
WELL OVER EN BACK RESVR. ☐ OTHER ☐ Recompletion

2. NAME OF OPERATOR AMOCO PRODUCTION COMPANY

3. ADDRESS AND TELEPHONE NO. PATTY HAEFELE

P.O. BOX 800, DENVER, COLORADO 80015 (303) 830-4988

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

At surface 2310' FSL & 1850' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

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

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

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

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

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

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

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 |
|-------------------|-----------------|----------------|-----------|---------------------------------|
| 8.625" J-55       | 24#             | 249'           | 12.25"    | 200 SX                          |
| 5.500" N-80       | 17#             | 6033'          | 7.875"    | 375 SX                          |

29. LINER RECORD

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

30. TUBING RECORD

| SIZE   | DEPTH SET (MD) | DEPT. SET (MD) |
|--------|----------------|----------------|
| 2.375" | 1175'          |                |

31. PERFORATION RECORD (Interval, size and number)

1125-1142' with 1 JSPF, 17 total shots, .340" diameter, 4" gun

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

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 1125-1142'          | 27,813 lbs 16/30 sand;           |
|                     | 245,940 scf                      |

33.\* PRODUCTION

DATE FIRST PRODUCTION 8/24/96 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Flowing WELL STATUS (Producing or shut-in) SI; W/O 1st delivery

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N FOR TEST PERIOD | OIL - BBL. | GAS - MCF. | WATER - BBL. | GAS-OIL RATIO |
|--------------|--------------|------------|------------------------|------------|------------|--------------|---------------|
| 8/26/96      | 24           | 32/64      |                        | 0          | 150        | 14           |               |

| FLOW TUBING PRESS | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL - BBL. | GAS - MCF. | WATER - BBL. | OIL GRAVITY - API (CORR.) |
|-------------------|-----------------|-------------------------|------------|------------|--------------|---------------------------|
|                   | 8               |                         | 0          | 150        | 14           |                           |

34. DISPOSITION OF GAS (sold, used for fuel, rented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

PERF AND FRAC SHEET

36. I HEREBY CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT

SIGNED

Patty Haebele

TITLE STAFF ASSISTANT

FARMINGTON DISTRICT OFFICE

\* SEE INSTRUCTIONS AND SPACES FOR ADDITIONAL DATA ON REVERSE SIDE

NMOC

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):

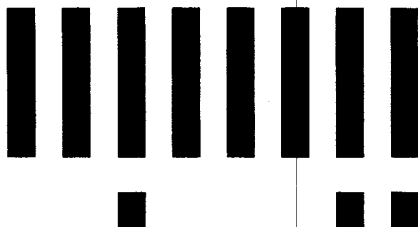
| 37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries): |     |        |                             |                      |             |                  |
|---|-----|--------|-----------------------------|----------------------|-------------|------------------|
| FORMATION   | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | 38. GEOLOGIC MARKERS |             |                  |
|   |     |        |                             | NAME                 | MEAS. DEPTH | TRUE VERT. DEPTH |
|   |     |        |                             | Farmington           | 510'        |                  |
|   |     |        |                             | Fruitland            | 953'        |                  |
|   |     |        |                             | Pictured Cliffs      | 1233'       |                  |

Ginther Gas Com 2

30-045-26512

Sec. 13 T27N R13W

MIRUSU 8/21/96. Set CIBP at 1230'. Spot 30' cement plug on top of CIBP at 1230' with 5 sx Class B neat, 15.6 ppg. PBTD is now 1200'. Perforate from 1125-1142' with 1 JSPF, 17 total shots, .340" diameter, 4" gun, 22.7 gms. Frac well from 1125-1142' with 27,813 lbs 16/30 sand; 245,940 scf, 70% quality, max pressure 1604 psi, max rate 20.3 bpm. Flow well back. Clean out fill and land 2-3/8" tubing at 1175'. RDMOSU 8/26/96.



**LTR**



**Job separation sheet**

District I - (305) 393-6161  
PO Box 1980  
Hobbs, NM 88241-1980  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV

New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

(91.10)  
Form C-140  
Originated 11/1/95

Submit Original  
Plus 2 Copies  
to appropriate  
District Office

APPLICATION FOR  
QUALIFICATION OF WELL WORKOVER PROJECT  
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I. Operator: Amoco Production Company OGRID #: 000778

Address: P.O. Box 800, Denver, Colorado 80201

Contact Party: Patricia J. Haebele Phone: (303) 830-4988

II. Name of Well: Ginther Gas Com 2 API #: 3004506512

Location of Well: Unit Letter K, 2310 Feet from the South line and 1850 Feet from the West line, Section 13, Township 27N, Range 13W, NMPM, San Juan County.

III. Date Workover Procedures Commenced: 8/21/96

Date Workover Procedures were Completed: 8/26/96

IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.

V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based:

WAW Fruitland Sand PC (Gas)

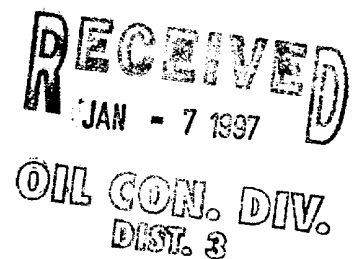
VII. AFFIDAVIT:

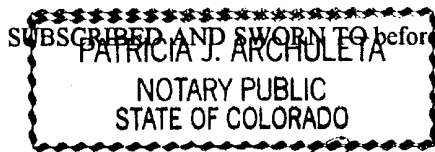
State of Colorado )  
 ) ss.  
County of Denver )

Patricia J. Haebele, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

Patricia J. Haebele  
(Name)  
Staff Assistant  
(Title)





Patricia J. Archuleta  
Notary Public

My Commission expires: August 12, 1999

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 8/26, 1996.

31.8  
District Supervisor, District 3  
Oil Conservation Division

Date: 2/5/97

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

DATE: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
RECEIVED  
BLM

(See other in-  
structions on  
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

|  |                      |   |                           |
|--|----------------------|---|---------------------------|
| 1A. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>   |                      | 5. LEASE DESIGNATION AND SERIAL NO.<br>ST-078099                                  |                           |
| B. TYPE OF COMPLETION:<br>NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEP- <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/><br>WELL OVER EN BACK RESVR. <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Recompletion |                      | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  |                           |
| 2. NAME OF OPERATOR<br>AMOCO PRODUCTION COMPANY  |                      | 7. UNIT AGREEMENT NAME  |                           |
| 3. ADDRESS AND TELEPHONE NO.<br>P.O. BOX 800, DENVER, COLORADO 80015 (303) 830-4988  |                      | 8. FARM OR LEASE NAME, WELL NO.<br>Ginther Gas Com 2                              |                           |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement)*<br>At surface 2310' FSL & 1850' FWL UNIT K<br>At top prod. Interval reported below<br>At total depth   |                      | 9. API WELL NO.<br>3004506512   |                           |
| 14. PERMIT NO.   |                      | DATE ISSUED   |                           |
| 15. DATE SPUDDED<br>8/7/59   |                      | 10. DATE T.D. REACHED<br>8/22/59  |                           |
| 17. DATE COMPL. (Ready to prod.)<br>8/26/96  |                      | 18. ELEVATIONS (DF, RKB, RT, GR., ETC)*<br>5866' GR                               |                           |
| 20. TOTAL DEPTH, MD & TVD<br>6033'   |                      | 21. PLUG, BACK T.D., MD & TVD<br>1200   |                           |
| 22. IF MULTIPLE COMPL., HOW MANY*<br>3   |                      | 23. INTERVALS DRILLED BY<br>YES   |                           |
| 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*<br>Fruitland Sand 1125-1142'   |                      | 25. WAS DIRECTIONAL SURVEY MADE<br>No   |                           |
| 26. TYPE ELECTRIC AND OTHER LOGS RUN   |                      | 27. WAS WELL CORED<br>No  |                           |
| 28. CASING RECORD (Report all strings set in well)   |                      |   |                           |
| CASING SIZE/GRADE  | WEIGHT, LB./FT.      | DEPTH SET (MD)  | HOLE SIZE                 |
| 8.625" J-55  | 24#                  | 249'  | 12.25"                    |
| 5.500" N-80  | 17#                  | 6033'   | 7.875"                    |
| 29. LINER RECORD   |                      |   |                           |
| SIZE   | TOP (MD)             | BOTTOM (MD)   | SACKS CEMENT*             |
|  |                      |   |                           |
| 30. TUBING RECORD  |                      |   |                           |
| SIZE   | DEPTH SET (MD)       | PACKER SET (MD)   |                           |
| 2.375"   | 1175'                |   |                           |
| 31. PERFORATION RECORD (Interval, size and number)   |                      |   |                           |
| 1125-1142' with 1 JSPF, 17 total shots, .340" diameter, 4" gun   |                      |   |                           |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.   |                      |   |                           |
| DEPTH INTERVAL (MD)  |                      | AMOUNT AND KIND OF MATERIAL USED  |                           |
| 1125-1142'   |                      | 27,813 lbs 16/30 sand;  |                           |
|  |                      | 245,940 scf   |                           |
| 33. PRODUCTION   |                      |   |                           |
| DATE FIRST PRODUCTION<br>8/24/96   |                      | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)<br>Flowing |                           |
| DATE OF TEST<br>8/26/96  |                      | WELL STATUS (Producing or shut-in)<br>SI; W/O 1st delivery                        |                           |
| HOURS TESTED<br>24   | CHOKE SIZE<br>32/64  | PROD'N FOR TEST PERIOD<br>0   | GAS - MCF.<br>150         |
| WATER - BBL.<br>14   | GAS-OIL RATIO        |   |                           |
| FLOW TUBING PRESS  | CASING PRESSURE<br>8 | CALCULATED 24-HOUR RATE   | OIL - BBL.<br>0           |
|  |                      |   | GAS - MCF.<br>150         |
|  |                      |   | WATER - BBL.<br>14        |
|  |                      |   | OIL GRAVITY - API (CORR.) |
| 34. DISPOSITION OF GAS (sold, used for fuel, vented, etc.)<br>TO BE SOLD   |                      |   |                           |
| 35. LIST OF ATTACHMENTS<br>PERF AND FRAC SHEET   |                      |   |                           |
| 36. I HEREBY CERTIFY THAT THE FOREGOING IS TRUE AND CORRECT  |                      |   |                           |
| SIGNED<br>Patty Haeefe   |                      | ADMINISTRATIVE GROUP ASSISTANT  |                           |

RECEIVED  
SEP 16 1996  
ACCEPTED FOR RECORD  
SEP 05 1996

FARMINGTON DISTRICT OFFICE

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):

### 38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME                                       | TOP                   |                 |
|-----------|-----|--------|-----------------------------|--|-----------------------|-----------------|
|           |     |        |                             |  | MEAS. DEPTH           | TRUE VERT. DEP. |
|           |     |        |                             | Farmington<br>Fruitland<br>Pictured Cliffs | 510'<br>953'<br>1253' |                 |

Ginther Gas Com 2

30-045-26512

Sec. 13 T27N R13W

MIRUSU 8/21/96. Set CIBP at 1230'. Spot 30' cement plug on top of CIBP at 1230' with 5 sx Class B neat, 15.6 ppg. PBTD is now 1200'. Perforate from 1125-1142' with 1 JSPF, 17 total shots, .340" diameter, 4" gun, 22.7 gms. Frac well from 1125-1142' with 27,813 lbs 16/30 sand; 245,940 scf, 70% quality, max pressure 1604 psi, max rate 20.3 bpm. Flow well back. Clean out fill and land 2-3/8" tubing at 1175'. RDMOSU 8/26/96.

GINTHER GAS COM 2

| WELLNAME        | WELLNO | POOL          | FLAC | API        | LOCATION                           | MONTH | OIL | GAS |    |
|-----------------|--------|---------------|------|------------|------------------------------------|-------|-----|-----|----|
| GINTHER GAS COM | # 2    | WAW Fruitland |      | 3004506512 | K 13 27N 13W                       | 11/95 | 0   | 18  |    |
|                 |        | Sand PC (Gas) |      |            |                                    | 12/95 | 0   | 18  |    |
|                 |        |               |      |            |                                    | 01/86 | 0   | 18  |    |
|                 |        |               |      |            |                                    | 02/86 | 0   | 29  |    |
|                 |        |               |      |            |                                    | 01/89 | 0   | 31  |    |
|                 |        |               |      |            |                                    | 02/89 | 0   | 132 |    |
|                 |        |               |      |            |                                    | 03/89 | 0   | 132 |    |
|                 |        |               |      |            |                                    | 06/89 | 0   | 60  |    |
|                 |        |               |      |            |                                    | 02/93 | 0   | 56  |    |
|                 |        |               |      |            |                                    | 01/95 | 0   | 186 |    |
|                 |        |               |      |            |                                    | 04/95 | 0   | 180 |    |
|                 |        |               |      |            |                                    | 05/95 | 0   | 186 |    |
|                 |        |               |      |            | 12-month average - Projected Trend |       |     | 0   | 87 |

GINTHER GAS COM # 2

DECLINE CURVE

