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NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105  
Revised 11-1-84

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
**K-5606**

1a. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☐ DRY ☒ OTHER \_\_\_\_\_  
b. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER \_\_\_\_\_

7. Unit Agreement Name  
8. Form or Lease Name  
**State "DQ"**

2. Name of Operator  
**AMOCO PRODUCTION COMPANY**  
3. Address of Operator  
**P.O. Box 68 Hobbs, New Mexico 88240**

9. Well No.  
**3**  
10. Field and Pool, or Wildcat  
**Und. Mary Gates Wolfcamp**

4. Location of Well  
UNIT LETTER **G** LOCATED **2305** FEET FROM THE **North** LINE AND **2290** FEET FROM  
THE **East** LINE OF SEC. **32** TWP. **9-S** RGE. **30-E** NMPM  
15. Date Spudded **2-27-85** 16. Date T.D. Reached **3-27-85** 17. Date Compl. **7-2-85** 18. Elevations (DF, RKB, RT, GR, etc.) **4018.6' GR**

12. County  
**Chaves**

20. Total Depth **7500'** 21. Plug Back T.D. **7460'** 22. If Multiple Compl., How Many  
23. Intervals Drilled By  
Rotary Tools **0-TD** Cable Tools

19. Elev. Casinghead

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**7272'-7304' Wolfcamp**

25. Was Directional Survey Made  
**No**

26. Type Electric and Other Logs Run  
**Dual Guard Micro Guard Log, Comp. Den. Dual Speed Neutron Log.**

27. Was Well Cored  
**No**

| 28. CASING RECORD (Report all strings set in well) |                       |              |                      |                                                  |                     |
|----------------------------------------------------|-----------------------|--------------|----------------------|--------------------------------------------------|---------------------|
| CASING SIZE                                        | WEIGHT LB./FT.        | DEPTH SET    | HOLE SIZE            | CEMENTING RECORD                                 | AMOUNT PULLED       |
| <b>1 3/8"</b>                                      | <b>Conductor Pipe</b> | <b>40'</b>   | <b>Starting hole</b> | <b>3yds Redi Mix</b>                             | <b>Circ to Surf</b> |
| <b>4 5/8"</b>                                      | <b>36#</b>            | <b>885'</b>  | <b>12 1/4"</b>       | <b>4253X CI C</b>                                | <b>Circ. 1405X</b>  |
| <b>5 1/2"</b>                                      | <b>15.5#</b>          | <b>7500'</b> | <b>8 3/4"</b>        | <b>19505X CI H Lt. x 4005X CI H Self Sealing</b> | <b>Circ. 2805X</b>  |

| 29. LINER RECORD |     |        |              | 30. TUBING RECORD |               |              |
|------------------|-----|--------|--------------|-------------------|---------------|--------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN            | SIZE          | DEPTH SET    |
|                  |     |        |              |                   | <b>2 7/8"</b> | <b>7344'</b> |
|                  |     |        |              |                   |               |              |

31. Perforation Record (Interval, size and number)  
**7272-7284' x 7288'-7304'**  
**.350"-53 Shots x .390"-64 Shots**

| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                |
|------------------------------------------------|--------------------------------|
| DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED  |
| <b>7272-7284'</b>                              | <b>1800 gals 15% HCL acid</b>  |
| <b>7288-7304'</b>                              | <b>2800 gals 15% NEFE acid</b> |

33. PRODUCTION  
Date First Production **None** Production Method (**Flowing, gas lift, pumping - Size and type pump**) **Pumping** Well Status (**Prod. or Shut-in**) **Shut-in**  
Date of Test **N/A** Hours Tested **N/A** Choke Size **N/A** Prod'n. For Test Period **N/A** Oil - Bbl. Gas - MCF Water - Bbl. Gas - Oil Ratio  
Flow Tubing Press. Casing Pressure Calculated 24-Hour Rate Oil - Bbl. Gas - MCF Water - Bbl. Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
**None Produced** Test Witnessed By

35. List of Attachments  
**Deviation Survey**

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED **Charles M. Lerrug** TITLE **Admin. Analyst (SG)** DATE **1-3-86**

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                           |                        |                             |                         |
|---------------------------|------------------------|-----------------------------|-------------------------|
| T. Anhy _____             | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____      |
| T. Salt <u>896</u>        | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____      |
| B. Salt <u>1314</u>       | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____      |
| T. Yates <u>1424</u>      | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____         | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen _____            | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____         | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres <u>2658</u> | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta <u>4024</u>   | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____          | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinbry _____          | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb <u>5530</u>       | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard <u>5890</u>   | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo <u>6370</u>        | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp <u>7234</u>   | T. _____               | T. Chinle _____             | T. _____                |
| T. Penn. _____            | T. _____               | T. Permian _____            | T. _____                |
| T. Cisco (Bough C) _____  | T. _____               | T. Penn. "A" _____          | T. _____                |

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

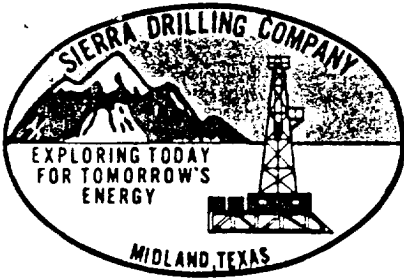
Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_  
 No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet. \_\_\_\_\_

## FORMATION RECORD (Attach additional sheets if necessary)

| From  | To    | Thickness<br>in Feet | Formation        | From | To | Thickness<br>in Feet | Formation |
|-------|-------|----------------------|------------------|------|----|----------------------|-----------|
| 0'    | 885'  | 885'                 | Surf Rock x Anhy |      |    |                      |           |
| 885'  | 1938' | 1053'                | Salt and Anhy    |      |    |                      |           |
| 1938' | 2971' | 1033'                | Lime x Anhy      |      |    |                      |           |
| 2971' | 3518' | 547'                 | Anhy x Dolomite  |      |    |                      |           |
| 3518' | 4042' | 524'                 | Anhy x Lime      |      |    |                      |           |
| 4042' | 5043' | 1001'                | Dolo x Lime      |      |    |                      |           |
| 5043' | 6325' | 1282'                | Dolomite         |      |    |                      |           |
| 6325' | 7195' | 870'                 | Shale            |      |    |                      |           |
| 7195' | 7500' | 305'                 | Dolomite         |      |    |                      |           |

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 HOES - JAMES



# SIERRA DRILLING COMPANY

P. O. Box 2681

Midland, Texas 79702

(915) 568-3477

APR 10 '85

March 29, 1985

Amoco Production Company  
P.O. Box 68  
Hobbs, New Mexico 88240

Re: State "DQ" No. 3

Gentlemen

The following is a Deviation Survey for the above referenced well located in Chaves County, New Mexico.

|        |              |        |     |
|--------|--------------|--------|-----|
| 440 -  | 3/4          | 4153 - | 1/4 |
| 1400 - | 3/4          | 4658 - | 1   |
| 1895 - | 1 1/4        | 5023 - | 3/4 |
| 2172 - | 1/4          | 5511 - | 1/2 |
| 2662 - | No recording | 5983 - | 1/4 |
| 2672 - | 1/4          | 6300 - | 1/4 |
| 3162 - | 1/4          | 6838 - | 3/4 |
| 3686 - | 1/4          | 7030 - | 1/4 |
|        |              | 7300 - | 1/2 |

Sincerely,

*Garry L. Flynn*  
Garry L. Flynn  
Drilling Superintendent

STATE OF TEXAS    )  
                              )  
COUNTY OF MIDLAND)

The foregoing was acknowledged before me this 29th day of March, 1985

*Milly C. Wilson*  
Milly C. Wilson  
Notary Public

My commission expires 12/23/85.

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JAN 9 - 1986  
HOMES