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Form C-105  
Revised 11-84

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

5a. Indicate Type of Lease  
State ☒ Fee ☐

5. State Oil & Gas Lease No.  
LG-6270

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. Farm or Lease Name  
Rattlesnake Gulch 25

9. Well No. State  
1

10. Field and Pool, or Wildcat  
Underg. Pitchfork Ranch Wlfcp.

2. Name of Operator  
HNG OIL COMPANY

3. Address of Operator  
P. O. Box 2267, Midland, Texas 79702

4. Location of Well  
UNIT LETTER J LOCATED 1980 FEET FROM THE south LINE AND 1980 FEET FROM THE east LINE OF SEC. 25 TWP. 24S RGE. 33E

15. Date Spudded 3-29-85 16. Date T.D. Reached 5-17-85 17. Date Compl. (Ready to Prod.) 8-5-85 18. Elevations (DF, RKB, RT, GR, etc.) 3533.5' GR 19. Elev. Casinghead 3533.5'

20. Total Depth 15,360' 21. Plug Back T.D. 22. If Multiple Compl., How Many 23. Intervals Drilled By Rotary Tools X Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name  
13,604 - 13,623 (Wolfcamp)

25. Was Directional Survey Made No

26. Type Electric and Other Logs Run Composite of Dual Laterolog & Dual Induction, BHC Sonic, Comp. Neutron-Litho Density 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 |
| 13-3/8"                                            | 61#            | 620'      | 17-1/2"   | 265 HLC & 250 C1 C  | Circulated    |
| 9-5/8"                                             | 36# & 40#      | 5157'     | 12-1/4"   | 2000 HLC & 475 C1 C | Circulated    |
| 7"                                                 | 26#            | 13290'    | 8-3/4"    | 850 HLC & 350 C1 H  |               |

| 29. LINER RECORD |         |         |              |        | 30. TUBING RECORD |           |            |
|------------------|---------|---------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP     | BOTTOM  | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
| 4-1/2"           | 12,868' | 15,360' | 325 C1 H     | -      | 2-7/8"            | 12,250    | 12,250     |

| 31. Perforation Record (Interval, size and number) |  | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                 |
|----------------------------------------------------|--|------------------------------------------------|---------------------------------|
| 15154-15236 (.25" 20) tagged top cmt. 14908'       |  | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED   |
| 14906-14946 (.40" 18) tagged top cmt. 14800'       |  | 15154-15236                                    | sq w/50 sx C1 H tst to 6000 psi |
| 14804-14823 (.40" 10)                              |  | 14906-14946                                    | sq w/50 sx C1 H tst to 6000 psi |
| 14529-14556 (.33" 12)                              |  | 14804-14823                                    | sq w/50 sx C1 H tst to 6000 psi |
| 13604-13623 (.25" 20)                              |  | 14529-14556                                    | sq w/50 sx C1 H tst to 9000 psi |

33. PRODUCTION 13604-13623 4000 gals 7-1/2% Mor Flo BC AC

Date First Production Production Method (Flowing, gas lift, pumping - Size and type pump) Well Status (Prod. or Shut-in) Shut-in waiting on evaluation

Date of Test Hours Tested Choke Size Prod'n. Per Test Period 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.) Vented Test Witnessed By

35. List of Attachments  
Logs, Inclination 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 Betty Gildon Betty Gildon TITLE Regulatory Analyst DATE 2/10/86

Posted - T.A. Camp 2/18/86

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 on the well and a summary of all special tests conducted, including drill stem tests. All tests 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. Salt \_\_\_\_\_  
D. Salt \_\_\_\_\_  
T. Yates \_\_\_\_\_  
T. 7 Rivers \_\_\_\_\_  
T. Queen \_\_\_\_\_  
T. Grayburg \_\_\_\_\_  
T. San Andres \_\_\_\_\_  
T. Glorieta \_\_\_\_\_  
T. Paddock \_\_\_\_\_  
T. Blinberry \_\_\_\_\_  
T. Tubb \_\_\_\_\_  
T. BUSTLER 1198  
T. LEONARD 9026  
T. Wolfcamp Lime 12950  
T. Penn. \_\_\_\_\_  
T. Cisco (Bough C) \_\_\_\_\_  
Cherry Canyon Mrkr 6534

T. Cherry Canyon 6304  
T. Strawn 13786  
T. Atoka 13912  
T. Atoka Lime 14008  
T. Morrow Lime 14324  
T. Morrow Clastics 14610  
T. "Sinatra" 14800  
T. "B" Sd Interval 14904  
T. Lower Morrow Sh 15058  
T. "C" Sd Interval 15116  
T. Gr. Wash \_\_\_\_\_  
T. Granite \_\_\_\_\_  
T. Delaware Sand 5267  
T. Bone Springs Lime 9186  
T. 1st B.S. Sd 10204  
T. 3rd B.S. Sd 11906

T. Ojo Alamo \_\_\_\_\_  
T. Kirtland-Fruitland \_\_\_\_\_  
T. Pictured Cliffs \_\_\_\_\_  
T. Cliff House \_\_\_\_\_  
T. Menefee \_\_\_\_\_  
T. Point Lookout \_\_\_\_\_  
T. Mancos \_\_\_\_\_  
T. Gallup \_\_\_\_\_  
T. Base Greenhorn \_\_\_\_\_  
T. Dakota \_\_\_\_\_  
T. Morrison \_\_\_\_\_  
T. Todillo \_\_\_\_\_  
T. Entrada \_\_\_\_\_  
T. Wingate \_\_\_\_\_  
T. Chinle \_\_\_\_\_  
T. Pennian \_\_\_\_\_  
T. Penn. "A" \_\_\_\_\_

T. Penn. "B" \_\_\_\_\_  
T. Penn. "C" \_\_\_\_\_  
T. Penn. "D" \_\_\_\_\_  
T. Leadville \_\_\_\_\_  
T. Madison \_\_\_\_\_  
T. Elbert \_\_\_\_\_  
T. McCracken \_\_\_\_\_  
T. Ignacio Qtzite \_\_\_\_\_  
T. Granite \_\_\_\_\_

## OIL OR GAS SANDS OR ZONES

No. 1, from 14906 to 15236 Morrow  
No. 2, from 14804 to 14823 "Sinatra"  
No. 3, from 14529 to 14556 "X" Sand  
No. 4, from 13604 to 13623 Wolfcamp  
No. 5, 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 None 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 in Feet | Formation | From | To | Thickness in Feet | Formation |
|-------|-------|-------------------|-----------|------|----|-------------------|-----------|
| 0     | 620   | 620               |           |      |    |                   |           |
| 620   | 2100  | 1480              |           |      |    |                   |           |
| 2100  | 5157  | 3057              |           |      |    |                   |           |
| 5157  | 13000 | 7843              |           |      |    |                   |           |
| 13000 | 13763 | 763               |           |      |    |                   |           |
| 13763 | 14768 | 1005              |           |      |    |                   |           |
| 14768 | 15360 | 592               |           |      |    |                   |           |

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