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Form C-105
Revised 11-1-76

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.

1a. TYPE OF WELL

b. TYPE OF COMPLETION: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ____ NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER

7. Unit Agreement Name

8. Farm or Lease Name: Moore 34 Com.

2. Name of Operator: HNG OIL COMPANY

9. Well No.: 1

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

10. Field and Pool, or Wildcat: Pitchfork Ranch Wolfcamp

4. Location of Well

UNIT LETTER G LOCATED 1980 FEET FROM THE north LINE AND 1980 FEET FROM THE east LINE OF SEC. 34 TWP. 24S RGE. 34E NMPM

12. County: Lea

| 15. Date Spudded | 16. Date T.D. Reached | 17. Date Compl. (Ready to Prod.) | 18. Elevations (DF, RKB, RT, GR, etc.) | 19. Elev. Cashinghead |
|---|---|---|---|---|
| 2-13-84 | 4-17-84 | 9-17-84 | 3401.6' GR | 3401.6' |

| 20. Total Depth | 21. Plug Back T.D. | 22. If Multiple Compl., How Many | 23. Intervals Drilled By | Rotary Tools | Cable Tools |
|---|---|---|---|---|---|
| 15,376' | 14,365' | | → | X | |

24. Producing Interval(s), of this completion — Top, Bottom, Name: 13,490 - 13,500 (Wolfcamp)

25. Was Directional Survey Made: No

26. Type Electric and Other Logs Run: Comp. Neutron-Formation Density, Dual Induction SFL

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 |
|---|---|---|---|---|---|
| 11-3/4" | 47# & 42# | 615' | 14-3/4" | 250 HLC & 165 Cl C | Circulated |
| 8-5/8" | 32# | 5233' | 10-5/8" | 1250 HLW & 8 bbl slurry Class C | |
| | | | | through 1-inch | Circulated |
| 5-1/2" | 17# | 13540' | 7-7/8" | 760 TLW & 450 Cl H | - |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|---|---|---|---|---|
| ~~28~~ 5-1/2" | 13209 | 15370 | 250 Cl H | - |

30. TUBING RECORD

| SIZE | DEPTH SET | PACKER SET |
|---|---|---|
| 1-1/2" | 13,209' | 13,209' |

31. Perforation Record (Interval, size and number)

15,167 - 15,222 (12, .34")
15,228 - 15,248 (18, .32")
13,490 - 13,500 (20, .35")

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|---|---|
| 15167 - 15248 | CIBP at 14,400 + 35' cmt on top |
| 13490 - 13500 | 2500 gals 7-1/2% MS acid |

33. PRODUCTION

| Date First Production | Production Method (Flowing, gas lift, pumping — Size and type pump) | Well Status (Prod. or Shut-in) |
|---|---|---|
| 9-17-84 | Flowing | Shut-in |

| Date of Test | Hours Tested | Choke Size | Prod'n. For Test Period → | Oil — Bbl. | Gas — MCF | Water — Bbl. | Gas—Oil Ratio |
|---|---|---|---|---|---|---|---|
| 9-18-84 | 24 | 14/64" | | 168 | 462 | 0 | 2,750 |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate → | Oil — Bbl. | Gas — MCF | Water — Bbl. | Oil Gravity — API (Corr.) |
|---|---|---|---|---|---|---|
| 1300 | sealed | | | | | 34.0 |

34. Disposition of Gas (Sold, used for fuel, vented, etc.): Vented

Test Witnessed By

35. List of Attachments: Logs, C-104

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 9/20/84

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than [illegible] days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radioactivity 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 40 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. Cherry Canyon 6360 | T. Ojo Alamo | T. Penn. "B" |
| T. Salt | T. Strawn 13690 | T. Kirtland-Fruitland | T. Penn. "C" |
| B. Salt | T. Atoka 13853 | T. Pictured Cliffs | T. Penn. "D" |
| T. Yates | T. Miss Leonard 9093 | 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 | T. Simpson | T. Gallup | T. Ignacio Qtzte |
| T. Glorieta | T. [illegible] Morrow Lime 14385 | Base Greenhorn | T. Granite |
| T. Paddock | T. [illegible] Morrow Clastics 14586 | T. Dakota | T. |
| T. Blinebry | T. [illegible] Morrow Shale 15077 | T. Morrison | T. |
| T. Tubb | T. Granite | T. Todilto | T. |
| T. Drinkard | T. Delaware Sand 5360 | T. Entrada | T. |
| T. Abo | T. Bone Springs Lime 9248 | T. Wingate | T. |
| T. Wolfcamp 12249 | T. 1st B.S. Sand 10358 | T. Chinle | T. |
| Correlation Mrk. 13143 | T. 2nd B.S. Sand 10908 | T. Permian | T. |
| T Cisco (Bough C) | T. Cherry Can. Mkr. 6599 | T. Penn. "A" | T. |

## OIL OR GAS SANDS OR ZONES

No. 1, from Morrow 15167 to 15222 — No. 4, from Wolfcamp 13490 to 13500

No. 2, from Morrow 15228 to 15234 — No. 5, from ..... to .....

No. 3, from Morrow 15238 to 15248 — 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 | 2633 | 2633 | Anhy | 13782 | 13920 | 138 | Lime, Chert, Shale |
| 2633 | 3806 | 1173 | Salt | 13920 | 14092 | 172 | Lime, Shale |
| 3806 | 4950 | 1144 | Anhy | 14092 | 14150 | 58 | Lime |
| 4950 | 5260 | 310 | Salt | 14150 | 14850 | 700 | Lime, Shale |
| 5260 | 5563 | 303 | Anhy, Lime, Shale | 14850 | 14933 | 83 | Chert, Shale, Lime |
| 5563 | 6445 | 882 | Lime, Sand, Shale | 14933 | 15051 | 118 | Shale, Lime |
| 6445 | 7198 | 753 | Lime, Shale | 15051 | 15242 | 191 | SHale |
| 7198 | 7460 | 262 | Sand | 15242 | 15315 | 73 | Sand, Lime, Shale |
| 7460 | 7650 | 190 | Shale, Sand, Dolomite | 15315 | 15376 | 61 | Shale |
| 7650 | 9947 | 2297 | Lime, Sand, Shale | | | | |
| 9947 | 10405 | 458 | Lime, SHale, Chert | | | | |
| 10405 | 13140 | 2735 | Lime, Shale, Sand | | | | |
| 13140 | 13525 | 385 | Shale | | | | |
| 13525 | 13560 | 35 | Shale, Lime | | | | |
| 13560 | 13602 | 42 | Shale | | | | |
| 13602 | 13686 | 84 | Shale, Lime | | | | |
| 13686 | 13782 | 96 | Shale | | | | |