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HOOBS OFFICE O.C.C.  
 NEW MEXICO OIL CONSERVATION COMMISSION  
 WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
 DEC 13 10 45 AM '65

Form C-105  
Revised 1-1-65

5a. Indicate Type of Lease  
 State ☐ Fee ☒  
 5. State Oil & Gas Lease No.

|                                                                                                                                                                                                                                                                                                                                                                   |                 |                                                                     |                         |                                                |                   |                                                                             |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------------------|-------------------------|------------------------------------------------|-------------------|-----------------------------------------------------------------------------|-----------------|
| 1a. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER _____<br>b. TYPE OF COMPLETION<br>NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____ |                 |                                                                     |                         |                                                |                   | 7. Unit Agreement Name                                                      |                 |
| 2. Name of Operator<br><b>Hanagan Petroleum Corporation</b>                                                                                                                                                                                                                                                                                                       |                 |                                                                     |                         |                                                |                   | 8. Farm or Lease Name<br><b>Radcliff</b>                                    |                 |
| 3. Address of Operator<br><b>P. O. Box 1737 Roswell, New Mexico</b>                                                                                                                                                                                                                                                                                               |                 |                                                                     |                         |                                                |                   | 9. Well No.<br><b>1</b>                                                     |                 |
| 4. Location of Well<br>UNIT LETTER <b>B</b> LOCATED <b>2310</b> FEET FROM THE <b>East</b> LINE AND <b>330</b> FEET FROM<br>THE <b>North</b> LINE OF SEC. <b>7</b> TWP. <b>6-S</b> RGE. <b>35-E</b> NMPM                                                                                                                                                           |                 |                                                                     |                         |                                                |                   | 10. Field and Pool, or Wildcat<br><b>Wildcat</b>                            |                 |
| 15. Date Spudded<br><b>11/27/65</b>                                                                                                                                                                                                                                                                                                                               |                 |                                                                     |                         |                                                |                   | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>4282 KB</b>                    |                 |
| 16. Date T.D. Reached<br><b>12/7/65</b>                                                                                                                                                                                                                                                                                                                           |                 | 17. Date Compl. (Ready to Prod.)<br><b>12/8/65</b>                  |                         | 19. Elev. Casinghead<br><b>4273</b>            |                   |                                                                             |                 |
| 20. Total Depth<br><b>4675</b>                                                                                                                                                                                                                                                                                                                                    |                 | 21. Plug Back T.D.<br><b>--</b>                                     |                         | 22. If Multiple Compl., How Many<br><b>--</b>  |                   | 23. Intervals Drilled By<br>Rotary Tools <b>0-4675</b><br>Cable Tools _____ |                 |
| 24. Producing Interval(s), of this completion — Top, Bottom, Name<br><b>Plugged &amp; abandoned</b>                                                                                                                                                                                                                                                               |                 |                                                                     |                         |                                                |                   | 25. Was Directional Survey Made<br><b>No</b>                                |                 |
| 26. Type Electric and Other Logs Run<br><b>Welex - GR-S &amp; Guard</b>                                                                                                                                                                                                                                                                                           |                 |                                                                     |                         |                                                |                   | 27. Was Well Cored<br><b>Yes</b>                                            |                 |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                                                                                                                                                                |                 |                                                                     |                         |                                                |                   |                                                                             |                 |
| CASING SIZE                                                                                                                                                                                                                                                                                                                                                       | WEIGHT LB./FT.  | DEPTH SET                                                           | HOLE SIZE               | CEMENTING RECORD                               |                   | AMOUNT PULLED                                                               |                 |
| <b>8 5/8"</b>                                                                                                                                                                                                                                                                                                                                                     | <b>22.7</b>     | <b>252</b>                                                          | <b>11</b>               | <b>160 sx. reg 4% gel +</b>                    |                   | <b>None</b>                                                                 |                 |
|                                                                                                                                                                                                                                                                                                                                                                   |                 |                                                                     |                         | <b>25 sx. reg. 2% CaCl</b>                     |                   |                                                                             |                 |
| 29. LINER RECORD                                                                                                                                                                                                                                                                                                                                                  |                 |                                                                     |                         |                                                |                   |                                                                             |                 |
| SIZE                                                                                                                                                                                                                                                                                                                                                              | TOP             | BOTTOM                                                              | SACKS CEMENT            | SCREEN                                         | 30. TUBING RECORD |                                                                             |                 |
|                                                                                                                                                                                                                                                                                                                                                                   |                 |                                                                     |                         |                                                | SIZE              | DEPTH SET                                                                   | PACKER SET      |
| 31. Perforation Record (Interval, size and number)                                                                                                                                                                                                                                                                                                                |                 |                                                                     |                         | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                   |                                                                             |                 |
|                                                                                                                                                                                                                                                                                                                                                                   |                 |                                                                     |                         | DEPTH INTERVAL                                 |                   | AMOUNT AND KIND MATERIAL USED                                               |                 |
|                                                                                                                                                                                                                                                                                                                                                                   |                 |                                                                     |                         |                                                |                   |                                                                             |                 |
|                                                                                                                                                                                                                                                                                                                                                                   |                 |                                                                     |                         |                                                |                   |                                                                             |                 |
| 33. PRODUCTION                                                                                                                                                                                                                                                                                                                                                    |                 |                                                                     |                         |                                                |                   |                                                                             |                 |
| Date First Production                                                                                                                                                                                                                                                                                                                                             |                 | Production Method (Flowing, gas lift, pumping — Size and type pump) |                         |                                                |                   | Well Status (Prod. or Shut-in)                                              |                 |
| Date of Test                                                                                                                                                                                                                                                                                                                                                      | Hours Tested    | Choke Size                                                          | Prod'n. For 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.)                                                                                                                                                                                                                                                                                                        |                 |                                                                     |                         |                                                |                   | Test Witnessed By                                                           |                 |
| 35. List of Attachments                                                                                                                                                                                                                                                                                                                                           |                 |                                                                     |                         |                                                |                   |                                                                             |                 |
| 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 <u>Hugh C. Hanagan</u>                                                                                                                                                                                                                                                                                                                                     |                 |                                                                     |                         | TITLE <b>Vice President</b>                    |                   | DATE <b>12/10/65</b>                                                        |                 |

# INSTRUCTIONS

This form is to be filled 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 filled in quadruplicate 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. Canyon        | T. Penn. "B"       | T. Ojo Alamo          | T. Penn. "B"       |
| T. Strawn        | T. Penn. "C"       | T. Kirtland-Fruitland | T. Penn. "C"       |
| T. Aloka         | T. Penn. "D"       | T. Pictured Cliffs    | T. Penn. "D"       |
| T. Miss          | T. Leadville       | T. Cliff House        | T. Leadville       |
| T. Devonian      | T. Madison         | T. Menefee            | T. Madison         |
| T. Silurian      | T. Elbert          | T. Point Lookout      | T. Elbert          |
| T. Montoya       | T. McCracken       | T. Mancos             | T. McCracken       |
| T. Simpson       | T. Ignacio Qtzite  | T. Gallup             | T. Ignacio Qtzite  |
| T. McKee         | T. Granite         | T. Base Greenhorn     | T. Granite         |
| T. Ellenburger   | T. Paddock         | T. Dakota             | T. Paddock         |
| T. Gr. Wash      | T. Blinberry       | T. Morrison           | T. Blinberry       |
| T. Granite       | T. Tubb            | T. Toddlito           | T. Tubb            |
| T. Delaware Sand | T. Drinkard        | T. Entrada            | T. Drinkard        |
| T. Bone Springs  | T. Abo             | T. Wingate            | T. Abo             |
| T. Chinle        | T. Wolfcamp        | T. Permian            | T. Chinle          |
| T. Penn. "A"     | T. Cisco (Bough C) | T. Penn. "A"          | T. Cisco (Bough C) |

## FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>In Feet | Formation                                                                                                                                                                              |
|------|------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0    | 1970 |                      | Mostly red beds w/<br>zones of red & gry f.s.<br>sand, trace lmst at<br>bottom                                                                                                         |
| 1970 | 2205 | 235                  | Anhy, salt, & red beds                                                                                                                                                                 |
| 2205 | 2290 | 85                   | Red silty sd.                                                                                                                                                                          |
| 2290 | 3275 | 1985                 | Anhy, dol., red beds, red<br>siltst.                                                                                                                                                   |
| 3275 | 4520 | 1245                 | Dol. anhy, top<br>Salt & dol.                                                                                                                                                          |
| 4520 | 4620 | 100                  | Red & gry sh, gry fg.                                                                                                                                                                  |
| 4620 | 4675 | 55                   | silty sd, dol.                                                                                                                                                                         |
| 1970 | 1970 |                      | Core #1-<br>4143-59, Rec. 7', 5' gry-<br>brn dol w/scat. anhy.<br>nod. sl. bldg. wtr, sul<br>odor.<br>1' anhy w/blk prtgs w/sul<br>odor<br>Bot. 1' gry-brn dol. bldg<br>wtr. No shows. |
|      |      |                      | Core #2<br>4546-96 Rec. 50' Top 45'<br>salt with thin bands<br>anhy tlc dol. w/bands<br>salt - No shows                                                                                |