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Form C-105  
Revised 1-1-65

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

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| 5a. Indicate Type of Lease<br>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br><b>L-1539</b>                                                        |
| <div></div>                                                                                          |

|                                                                                                                                                                                                                               |                                                                     |                                                              |                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------|
| 1a. TYPE OF WELL<br>OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER _____                                                                                   |                                                                     | 7. Unit Agreement Name                                       |                                                            |
| b. TYPE OF COMPLETION<br>NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER _____ |                                                                     | 8. Farm or Lease Name<br>State "P"                           |                                                            |
| 2. Name of Operator<br><b>AZTEC OIL &amp; GAS COMPANY</b>                                                                                                                                                                     |                                                                     | 9. Well No.<br><b>1</b>                                      |                                                            |
| 3. Address of Operator<br><b>P. O. BOX 837, HOBBS, NEW MEXICO 88240</b>                                                                                                                                                       |                                                                     | 10. Field and Pool, or Wildcat<br><b>WILDCAT</b>             |                                                            |
| 4. Location of Well<br>UNIT LETTER <b>H</b> LOCATED <b>1930</b> FEET FROM THE <b>North</b> LINE AND <b>660</b> FEET FROM<br>THE <b>East</b> LINE OF SEC. <b>3</b> TWP. <b>18S</b> RGE. <b>37E</b> NMMP                        |                                                                     | <div></div>                                                  |                                                            |
| 15. Date Spudded<br><b>3-1-71</b>                                                                                                                                                                                             | 16. Date T.D. Reached<br><b>3-18-71</b>                             | 17. Date Compl. (Ready to Prod.)<br><b>P &amp; A 3-19-71</b> | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>3720 KB</b>   |
| 19. Elev. Casinghead<br><b>3709</b>                                                                                                                                                                                           | 20. Total Depth<br><b>5300</b>                                      |                                                              |                                                            |
| 21. Plug Back T.D.                                                                                                                                                                                                            | 22. If Multiple Compl., How Many                                    | 23. Intervals Drilled By<br><b>Rotary Tools</b>              | Cable Tools                                                |
| 24. Producing Interval(s), of this completion — Top, Bottom, Name<br><b>None</b>                                                                                                                                              |                                                                     |                                                              | 25. Was Directional Survey Made<br><b>No</b>               |
| 26. Type Electric and Other Logs Run<br><b>Gamma Ray - SNP with Caliper</b>                                                                                                                                                   |                                                                     |                                                              | 27. Was Well Cored<br><b>Yes</b>                           |
| 28. CASING RECORD (Report all strings set in well)                                                                                                                                                                            |                                                                     |                                                              |                                                            |
| CASING SIZE<br><b>8-5/8</b>                                                                                                                                                                                                   | WEIGHT LB./FT.<br><b>24 &amp; 32</b>                                | DEPTH SET<br><b>1750</b>                                     | HOLE SIZE<br><b>12 1/4</b>                                 |
| CEMENTING RECORD<br><b>865 sxs</b>                                                                                                                                                                                            |                                                                     | AMOUNT PULLED                                                |                                                            |
| 29. LINER RECORD                                                                                                                                                                                                              |                                                                     |                                                              |                                                            |
| SIZE                                                                                                                                                                                                                          | TOP                                                                 | BOTTOM                                                       | SACKS CEMENT                                               |
| SCREEN                                                                                                                                                                                                                        |                                                                     | 30. TUBING RECORD                                            |                                                            |
| SIZE                                                                                                                                                                                                                          | DEPTH SET                                                           | PACKER SET                                                   |                                                            |
| 31. Perforation Record (Interval, size and number)<br><b>None</b>                                                                                                                                                             |                                                                     | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.               |                                                            |
| DEPTH INTERVAL                                                                                                                                                                                                                |                                                                     | AMOUNT AND KIND MATERIAL USED                                |                                                            |
| 33. PRODUCTION                                                                                                                                                                                                                |                                                                     |                                                              |                                                            |
| Date First Production<br><b>None</b>                                                                                                                                                                                          | Production Method (Flowing, gas lift, pumping — Size and type pump) |                                                              | Well Status (Prod. or Shut-in)<br><b>P &amp; A 3-19-71</b> |
| 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 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 <b>David Donaldson</b>                                                                                                                                                                                                 |                                                                     | TITLE <b>DISTRICT GEOLOGIST</b>                              | DATE <b>March 22, 1971</b>                                 |

## 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 _____            | 1925 | T. Canyon _____        | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____            |      | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | 3040 | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | 3220 | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers _____        |      | T. Devonian _____      | T. Menefee _____            | T. Madison _____       |
| T. Queen _____           | 4204 | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        |      | T. Montoya _____       | T. Mancos _____             | T. McCracken _____     |
| T. San Andres _____      | 5200 | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzte _____ |
| T. Glorieta _____        |      | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         |      | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinebry _____        |      | T. Gr. Wash _____      | T. Morrison _____           | T. _____               |
| T. Tubb _____            |      | T. Granite _____       | T. Todilto _____            | T. _____               |
| T. Drinkard _____        |      | T. Delaware Sand _____ | T. Entrada _____            | T. _____               |
| T. Abo _____             |      | T. Bone Springs _____  | T. Wingate _____            | T. _____               |
| T. Wolfcamp _____        |      | T. _____               | T. Chinle _____             | T. _____               |
| T. Penn. _____           |      | T. _____               | T. Permian _____            | T. _____               |
| T. Cisco (Bough C) _____ |      | T. _____               | T. Penn. "A" _____          | T. _____               |

FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation       | From                                                                                                                                                        | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------|-----------|
| 0    | 1925 | 1925                 | Red Beds        |                                                                                                                                                             |    |                      |           |
| 1925 | 2070 | 145                  | Anhy            |                                                                                                                                                             |    |                      |           |
| 2070 | 3040 | 970                  | Salt            |                                                                                                                                                             |    |                      |           |
| 3040 | 4400 | 1360                 | Anhy, Sd. & Sh. |                                                                                                                                                             |    |                      |           |
| 4400 | 5200 | 800                  | Dolo. & Sd.     |                                                                                                                                                             |    |                      |           |
| 5200 | 5300 | 100                  | Dolo.           |                                                                                                                                                             |    |                      |           |
|      |      |                      |                 | Core #1 - From 5060-5115' Cut & Recovered 55'                                                                                                               |    |                      |           |
|      |      |                      |                 | DST #1 - From 5205-5300 Tool open 63 Mins.<br>Rec. 840' Black Sulf. Water.<br>30 Min ISIP - 1680<br>F.P. 81-475<br>60 Min. F.S.I.P - 1706<br>Temp. 111 deg. |    |                      |           |
|      |      |                      |                 | <b>RECEIVED</b>                                                                                                                                             |    |                      |           |
|      |      |                      |                 | MAR 20 1971                                                                                                                                                 |    |                      |           |
|      |      |                      |                 | OIL CONSERVATION COMM.                                                                                                                                      |    |                      |           |

# NOCLINATION REPORT

OPERATOR Aztec Oil & Gas Co. ADDRESS P.O. Box 837, Hobbs, New Mexico 88240  
 LEASE State WELL NO. P#1 FIELD Wildcat  
 LOCATION 1980/N, 660/E Section 3-18S-37E

| Depth | Angle<br>(Inclination 'degrees) | Displacement | Displacement<br>Accumulated |
|-------|---------------------------------|--------------|-----------------------------|
| 430   | 1/4                             | 1.8920       | 1.8920                      |
| 861   | 1/4                             | 1.8964       | 3.7884                      |
| 1336  | 1/2                             | 4.1325       | 7.9209                      |
| 1750  | 3/4                             | 5.4234       | 13.3443                     |
| 2224  | 1                               | 8.2950       | 21.6393                     |
| 2620  | 1                               | 6.9300       | 28.5693                     |
| 3268  | 1 1/4                           | 14.1264      | 42.6957                     |
| 3510  | 1 1/2                           | 6.3404       | 49.0361                     |
| 3719  | 1 1/2                           | 5.4758       | 54.5119                     |
| 3946  | 1 3/4                           | 6.9235       | 61.4354                     |
| 4129  | 2                               | 6.3867       | 67.8221                     |
| 4219  | 2                               | 9.5460       | 77.3681                     |
| 4370  | 1 3/4                           | 10.7055      | 88.0736                     |
| 4556  | 1 3/4                           | 5.7340       | 93.8076                     |
| 4735  | 1 1/2                           | 4.5064       | 98.3140                     |
| 4851  | 2                               | 11.0284      | 109.3424                    |
| 4964  | 2                               | 3.9437       | 113.2861                    |
| 5241  | 2                               | 9.6673       | 122.9534                    |
| 5300  | 2                               | 2.0591       | 125.0125                    |

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

Cactus Drilling Company

By: Ken Hedrick  
 Title: Drilling Superintendent

## Affidavit:

Before me, the undersigned authority, appeared Ken Hedrick known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Ken Hedrick  
 (Affiant's Signature)

Sworn and subscribed to in my presence on this the 26th day of March 19 71

Marcel H. Vercor  
 Notary Public in and for the County  
 of Lea, State of New Mexico

Seal

MY COMMISSION EXPIRES MARCH 30, 1974

**RECEIVED**

MAR 20 1971

OIL CONSERVATION COMM.  
HOBBS, N. M.