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

**RECEIVED**

**APR 18 1980**

Form O-105  
Revised 1-1-76

|                                                                        |
|------------------------------------------------------------------------|
| 1. Lease Type of Lease                                                 |
| State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 2. State Oil & Gas Lease No.                                           |
| <b>B-1969</b>                                                          |

|                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10. TYPE OF WELL                                                                                                                                                                                                        |
| Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                              |
| 11. TYPE OF COMPLETION                                                                                                                                                                                                  |
| New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Revert <input type="checkbox"/> OTHER <input type="checkbox"/> |

**O. C. D.  
ARTESIA, OFFICE**

|                                                |
|------------------------------------------------|
| 2. Name of Operator                            |
| <b>Collier Energy, Inc.</b>                    |
| 3. Address of Operator                         |
| <b>P.O. Box 798, Artesia, New Mexico 88210</b> |

|                                |
|--------------------------------|
| 7. Unit Agreement Name         |
| 8. Form or Lease Name          |
| <b>St. B-1969, Tr. 2</b>       |
| 9. Well No.                    |
| <b>17</b>                      |
| 10. Field and Foot, or Section |
| <b>East Empire Yates 7-R</b>   |

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| 4. Location of Well                                                                                |
| UNIT LETTER <b>J</b> LOCATED <b>2310</b> FEET FROM THE <b>South</b> LINE AND <b>1650</b> FEET FROM |
| THE <b>East</b> LINE OF SEC. <b>22</b> TWP. <b>17S</b> RGE. <b>28E</b> NMEM                        |

|             |
|-------------|
| 11. County  |
| <b>Eddy</b> |

|                                       |
|---------------------------------------|
| 15. Date Spudded                      |
| <b>3/14/80</b>                        |
| 16. Date T.D. Reached                 |
| <b>3/15/80</b>                        |
| 17. Date Compl. (Ready to Prod.)      |
| <b>3/31/80</b>                        |
| 18. Elevation (DF, RKB, RT, GR, etc.) |
| <b>3587.9 GL</b>                      |
| 19. Elev. Casinghead                  |
| <b>3590</b>                           |

|                                                                      |
|----------------------------------------------------------------------|
| 20. Total Depth                                                      |
| <b>802'</b>                                                          |
| 21. Plug Back T.D.                                                   |
| <b>778'</b>                                                          |
| 22. If Multiple Completions, How Many                                |
| <b>1</b>                                                             |
| 23. Intervenor Drilled By                                            |
| <b>X</b>                                                             |
| 24. Producing Interval(s), at time of completion - Top, Bottom, Name |
| <b>752 - 762 Seven Rivers</b>                                        |
| 25. Was Directional Survey Made                                      |
| <b>Yes</b>                                                           |

|                                      |
|--------------------------------------|
| 26. Type Electric and Other Logs Run |
| <b>Gamma Ray Neutron Log</b>         |
| 27. Was Well Cored                   |
| <b>No.</b>                           |

|                                                    |
|----------------------------------------------------|
| 28. CASING RECORD (Report all strings set in well) |
| CASING SIZE                                        |
| <b>4 1/2"</b>                                      |
| WEIGHT LB. FT.                                     |
| <b>9 1/2#</b>                                      |
| DEPTH SET                                          |
| <b>802'</b>                                        |
| HOLE SIZE                                          |
| <b>7 7/8"</b>                                      |
| CEMENTING RECORD                                   |
| <b>290 Sxs.</b>                                    |
| AMOUNT PULLED                                      |
| <b>none</b>                                        |

|                   |
|-------------------|
| 29. LINER RECORD  |
| SIZE              |
| <b>2 3/8"</b>     |
| TOP               |
| <b>763'</b>       |
| BOTTOM            |
| <b>no.</b>        |
| SACKS CEMENT      |
| <b>no.</b>        |
| SCREEN            |
| <b>no.</b>        |
| 30. TUBING RECORD |
| SIZE              |
| <b>2 3/8"</b>     |
| DEPTH SET         |
| <b>763'</b>       |
| PACKER SET        |
| <b>no.</b>        |

|                                                                       |
|-----------------------------------------------------------------------|
| 31. Perforation Record (Interval, size and number)                    |
| <b>752 - 762 3 1/8" select fire 1 shot per foot</b>                   |
| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.                        |
| DEPTH INTERVAL                                                        |
| <b>752 - 762</b>                                                      |
| AMOUNT AND KIND MATERIAL USED                                         |
| <b>30,000# 20/40 sand, 30,000 gal. aqua frac, 1000 gal. WIA acid.</b> |

|                                                                      |
|----------------------------------------------------------------------|
| 33. PRODUCTION                                                       |
| Date First Production                                                |
| <b>4/1/80</b>                                                        |
| Production Method (Flooding, gas lift, pumping - Size and type pump) |
| <b>Pumping</b>                                                       |
| Well Status (Prod. or Shut-in)                                       |
| <b>Producing</b>                                                     |
| Date of Test                                                         |
| <b>4/2/80</b>                                                        |
| Hours Tested                                                         |
| <b>24 hrs.</b>                                                       |
| Flow Rate                                                            |
| <b>N/A</b>                                                           |
| Flow Tubing Pres.                                                    |
| <b>N/A</b>                                                           |
| Casing Pressure                                                      |
| <b>18#</b>                                                           |
| Calculated I.P.R. - Hourly Rate                                      |
| <b>60</b>                                                            |
| Oil - P.H.L.                                                         |
| <b>60</b>                                                            |
| Gas - MCF                                                            |
| <b>TSTM</b>                                                          |
| Water - P.H.L.                                                       |
| <b>-0-</b>                                                           |
| Oil Gravity - API (Corr.)                                            |
| <b>36</b>                                                            |

|                                                               |
|---------------------------------------------------------------|
| 34. Disposition of Skin (Soiled, used for fuel, vented, etc.) |
| <b>Vented - TSTM</b>                                          |
| Test Witnessed by                                             |
| <b>Pete McGuire</b>                                           |

|                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------|
| 35. List of Attachments                                                                                                                 |
| <b>GRN</b>                                                                                                                              |
| 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>G. Heri M. Monk</b> TITLE <b>Secretary</b> DATE <b>4/11/80</b>                                                                |

This form is to be filed with the appropriate District Office of the Commission not later than 10 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 in the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured by this. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 31 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 _____            | T. Strawn _____        | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs _____    | T. Penn. "D" _____     |
| T. Yates _____           | T. Miss _____          | T. Cliff House _____        | T. Leadville _____     |
| T. 7 Rivers <u>752'</u>  | 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. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinberry _____       | 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. _____               |

OIL OR GAS SANDS OR ZONES

No. 1, from 752' to 762' Oil 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 730' to 742' \_\_\_\_\_ feet \_\_\_\_\_ water

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    | 20  | 20                   | Top Soil           |      |    |                      |           |
| 20   | 100 | 80                   | Redbed             |      |    |                      |           |
| 100  | 140 | 40                   | Gravel             |      |    |                      |           |
| 140  | 330 | 190                  | Redbed             |      |    |                      |           |
| 330  | 470 | 140                  | Limestone          |      |    |                      |           |
| 470  | 590 | 120                  | Redbed             |      |    |                      |           |
| 590  | 802 | 212                  | Limestone w/redbed |      |    |                      |           |

# Collier Energy, Inc.☆☆

PHONE 505-746 6520

BOX 798

ARTESIA, NEW MEXICO **RECEIVED**

**APR 18 1980**

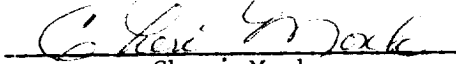
**O. C. D.  
ARTESIA, OFFICE**

## INCLINATION REPORT

OPERATOR: Collier Energy, Inc. ✓ ADDRESS: P.O. Box 798, Artesia, NM 88210  
LEASE: State B-1969, Tr. 2 WELL NO. #17 FIELD: East Empire Yates 7-R  
LOCATION: Section 22, Township 17 South, Range 28 East, Eddy County, New Mexico

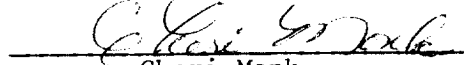
| <u>DISC NO.</u> | <u>DATE</u> | <u>DEPTH</u> | <u>DRIFT</u> |
|-----------------|-------------|--------------|--------------|
| 1               | 03/15/80    | 800'         | 1/2°         |

I hereby certify that the above data as set forth by Jim Davis, Driller for Yucca Drilling Company, Inc., on his Survey of Directional Drilling is true and correct to the best of my knowledge and belief.

  
Cheri Monk  
Title: Secretary

### Affidavit:

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

  
Cheri Monk  
(Affiant's Signature)

Sworn and subscribed to in my presence on this 11th day of April, 1980.

My Commission Expires:

Apr. 10, 1983

