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

Form C-105  
Revised 11-1-78

**APR 14 1981**

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| 5a. Indicate Type of Lease<br>State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> |
| 5. State Oil & Gas Lease No.<br><b>B-1111</b>                                                        |

|                                                                                                                                                                                                                                                  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 1a. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                   |  |
| 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 <input type="checkbox"/> |  |

|                                                            |
|------------------------------------------------------------|
| 7. Unit Agreement Name                                     |
| 8. Farm or Lease Name<br><b>State B-1111, Tr. 2</b>        |
| 9. Well No.<br><b>#20</b>                                  |
| 10. Field and Pool, or Wildcat<br><b>East Empire Yates</b> |

2. Name of Operator  
**Collier Energy, Inc.**

3. Address of Operator  
**P.O. Box 798, Artesia, New Mexico 88210**

4. Location of Well  
UNIT LETTER **A** LOCATED **330** FEET FROM THE **North** LINE AND **330** FEET FROM  
THE **East** LINE OF SEC. **22** TWP. **17S** RGE. **28E** NMPM

|                           |
|---------------------------|
| 12. County<br><b>Eddy</b> |
|---------------------------|

|                                   |                                        |                                                    |                                                          |                                    |
|-----------------------------------|----------------------------------------|----------------------------------------------------|----------------------------------------------------------|------------------------------------|
| 15. Date Spudded<br><b>2/2/81</b> | 16. Date T.D. Reached<br><b>2/3/81</b> | 17. Date Compl. (Ready to Prod.)<br><b>3/15/81</b> | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>3714 GL</b> | 19. Elev. Casinghead<br><b>N/A</b> |
| 20. Total Depth<br><b>1000'</b>   | 21. Plug Back T.D.<br><b>984'</b>      | 22. If Multiple Compl., How Many<br><b>3/15/81</b> | 23. Intervals Drilled By<br><b>X</b>                     | 24. Cable Tools                    |

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**Perf. 944-960 17 holes 3 1/2" Jumbo Jet Kone Shot 1/ft**

26. Type Electric and Other Logs Run  
**GRN**

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 |
| 8" PVC                                             |                | 200'      |           | 70 SXS Class C 4% CaCl | Circ. to pit. |
| 4 1/2"                                             | 9.5#           | 984'      | 7 7/8"    | CMT 300 SXS Class C.   | Circ. to pit. |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2 3/8"            | 943'      | N/A        |

|                                                                                                                      |                                                |                               |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------------------|
| 31. Perforation Record (Interval, size and number)<br><b>Perf. 17 holes 3 1/2" Jumbo Jet Kone shots 1/ft 944-960</b> | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|                                                                                                                      | DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
|                                                                                                                      |                                                | 24,250 20/40 sand             |
|                                                                                                                      |                                                | 14,000 10/20 sand             |
|                                                                                                                      |                                                | 624 bbls. fluid               |

|                                         |                               |                                                                                       |                                     |                           |                            |                                                    |                               |
|-----------------------------------------|-------------------------------|---------------------------------------------------------------------------------------|-------------------------------------|---------------------------|----------------------------|----------------------------------------------------|-------------------------------|
| 33. PRODUCTION                          |                               |                                                                                       |                                     |                           |                            |                                                    |                               |
| Date First Production<br><b>3/16/81</b> |                               | Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>pumping</b> |                                     |                           |                            | Well Status (Prod. or Shut-in)<br><b>producing</b> |                               |
| Date of Test<br><b>3/15/81</b>          | Hours Tested<br><b>24hrs</b>  | Choke Size<br><b>N/A</b>                                                              | Prod'n. For Test Period<br><b>2</b> | Oil - Bbl.<br><b>TSTM</b> | Gas - MCF<br><b>52</b>     | Water - Bbl.<br><b>N/A</b>                         | Gas - Oil Ratio<br><b>N/A</b> |
| Flow Tubing Press.<br><b>N/A</b>        | Casing Pressure<br><b>N/A</b> | Calculated 24-Hour Rate<br><b>2</b>                                                   | Oil - Bbl.<br><b>TSTM</b>           | Gas - MCF<br><b>52</b>    | Water - Bbl.<br><b>N/A</b> | Oil Gravity - API (Corr.)<br><b>N/A</b>            |                               |

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

Test Witnessed By  
**Donald R. Craig**

35. List of Attachments  
**GRN**

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 Donald R. Craig TITLE Agent DATE 4/10/81

This form is to be filled with the appropriate data for the well and the formation not later than 30 days after the completion of the well. The formation shall be described in detail, including all rock types. All of the reported shall be measured by the formation not later than 30 days after the completion of the well. The term is to be filled in quadruplicate except on state land, where no copies are required. The State has:

# INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Northwestern New Mexico

Southeastern New Mexico

|                    |                  |                       |                  |
|--------------------|------------------|-----------------------|------------------|
| T. Albany          | T. Canyon        | T. Ojo Alamo          | T. Penn. "B"     |
| T. Salt            | T. Strawn        | T. Kirtland-Fruitland | T. Penn. "C"     |
| T. Salt            | T. Aloka         | T. Pictured Cliffs    | T. Penn. "D"     |
| T. Yates           | T. Miss          | 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 Ozite |
| T. Glorieta        | T. McKee         | T. House Greenhorn    | T. Granite       |
| T. Padlock         | T. Ellenburger   | T. Dakota             | T. Morrison      |
| T. Blinney         | T. Gr. Wash      | T. Todilto            | T. Enrada        |
| T. Tubb            | T. Granite       | T. Enrada             | T. Wingate       |
| T. Drinkard        | T. Delaware Sand | T. Bone Springs       | T. Chinle        |
| T. Abo             | T. Wolfcamp      | T. Permian            | T. Penn. "A"     |
| T. Cisco (Bough C) | T. Penn.         |                       |                  |

## OIL OR GAS SANDS OR ZONES

|                            |                            |
|----------------------------|----------------------------|
| No. 1, from 944' to 960'   | 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 _____ 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                        |
|------|------|-------------------|----------------------------------|
| 0    | 30   | 30                | Top Soil                         |
| 30   | 115  | 85                | Redbed                           |
| 115  | 152  | 37                | Gravel                           |
| 152  | 341  | 189               | Redbed                           |
| 341  | 483  | 142               | Limestone                        |
| 483  | 598  | 115               | Redbed                           |
| 598  | 751  | 153               | Limestone w/Redbed               |
| 751  | 1000 | 249               | Dolomite & Sand w/shale Streaks. |

# Collier Energy, Inc.☆☆

PHONE 505-746-6520  
BOX 798  
ARTESIA, NEW MEXICO 88210

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APR 14 1981

## INCLINATION REPORT

O. C. D.  
ARTESIA, OFFICE

OPERATOR: Collier Energy, Inc. ADDRESS: P.O. Box 798

LEASE: State B-1111, Tr.2WELL NO. 20

FIELD: East Empire Yates 7-R

LOCATION: 330 FNL & 330 FEL, Section 22, T-17S, R-28E, NMPM

| <u>DISC NO.</u> | <u>DATE</u> | <u>DEPTH</u> | <u>DRIFT</u> |
|-----------------|-------------|--------------|--------------|
| 1               | 2/2/81      | 700'         | 3/4°         |
| 2               | 2/3/81      | 1000'        | 3/4°         |

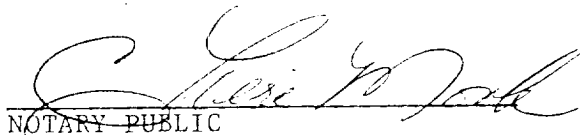
I hereby certify that the above data as set forth by Cliff Felkins, Driller for Yucca Drilling Co. Inc., on his Survey of Directional Drilling is true and correct to the best of my knowledge and belief.

  
DARLENE ALLEY

Title: Secretary

### Affidavit:

Before me, the undersigned authority, appeared Darlene Alley 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 intentionally deviated from the true vertical whatsoever.

  
NOTARY PUBLIC

My commission expires:

March 24, 1982