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Form C-109  
Revised 11-78

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



TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

TYPE OF COMPLETION

NEW ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

Name of Operator

C. & E. Operators, Inc.

Address of Operator

One Energy Square, Suite 170, Dallas, Texas 75206

Location of Well

LETTER H LOCATED 2280 FEET FROM THE North LINE AND 790 FEET FROM

East LINE OF SEC. 8 TWP. 30N RGE. 11W NMPM

San Juan

Date Spudded 1/22/81 16. Date T.D. Reached 1/28/81 17. Date Compl. (Ready to Prod.) 6/26/81 18. Elevations (DF, RKB, RT, GR, etc.) 5616' Gr.; 5628' KB 19. Elev. Casinghead 5618'

Total Depth 4745 21. Plug Back T.D. 4702 22. If Multiple Compl., How Many 2 23. Intervals Drilled By All Cable Tools 0

Intervals(s), of this completion - Top, bottom, Name  
Pictured Cliffs 2032' to 2088'  
Mesaverde 2830' to 4612'

25. Was Directional Survey Made No

Type Electric and Other Logs Run  
Gearhart IES & GRD/N Blue Jet CE & GS Logs

27. Was Well Cored No

CASING RECORD (Report all strings set in well)

| CASING SIZE          | WEIGHT LB./FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD       | AMOUNT PULLED |
|----------------------|----------------|-----------|-----------|------------------------|---------------|
| 3-3/8 Cond.          | 48             | 49' GL    | 12 1/4    | Drove through boulders | 0             |
| 9-5/8                | 36             | 265       | 12 1/4    | 175 back to surf.      | 0             |
|                      | 23             | 4744      | 8-3/4     | 325 1st. stage         | 0             |
| Stage collar @ 2191' |                |           |           | 450 2nd. stage         |               |

LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
| None |     |        |              |        |

TUBING RECORD

| SIZE     | DEPTH SET | PACKER SET   |
|----------|-----------|--------------|
| 2-3/8    | 3973      | Mod. D 2134' |
| 1 1/2 IJ | 2063      |              |

Perforation Record (Interval, size and number) Blue Jet Mesaverde 2830' to 4612' w/44 (0.3") jets  
Pictured Cliffs 2032' to 2088' w/12 (0.3") jets.

| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                                                                             |
|------------------------------------------------|-----------------------------------------------------------------------------|
| DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED                                               |
| 2830' - 4612'                                  | 1500 gal. Acetic; 1500 15%<br>HCl.; SWF w/155,000# & 155,000<br>gal. water. |
| 2032' - 2088'                                  | 500 gal. 15% HCl.; Foam frac                                                |

PRODUCTION w/70 Quality & 84,000# sand.

Date First Production 6/30/81 Production Method (Flowing, gas lift, pumping - Size and type pump) Flow Well Status (Prod. or Shut-in) SI for PL Conn.

| Date of Test   | Hours Tested    | Shake Size              | Prod'n. Per Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.              | Gas - Oil Ratio |
|----------------|-----------------|-------------------------|-------------------------|------------|--------------|---------------------------|-----------------|
|                |                 |                         |                         |            |              |                           |                 |
| Flowing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl.              | Gas - MCF  | Water - Bbl. | Oil Gravity - API (Corr.) |                 |
|                |                 |                         |                         |            |              |                           |                 |

Disposition of Gas (Sold, used for fuel, vented, etc.) 7 day SIP's Test Witnessed By

To test to sales line MVT 1120; PC T&C 305

List of Attachments

Gearhart & Blue Jet Logs

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 John M. Heller TITLE Consultant DATE 6/30/81

## 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 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 6 through 24 shall be reported for each zone. The form is to be filed in triplicate except on state land, where six copies are required. See Rule 1155.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

|                          |                        |                                  |                               |
|--------------------------|------------------------|----------------------------------|-------------------------------|
| T. Anhy _____            | T. Canyon _____        | T. Ojo Alamo <u>582</u>          | T. Penn. "B" _____            |
| T. Salt _____            | T. Strawn _____        | T. Kirtland-Fruitland <u>726</u> | T. Penn. "C" _____            |
| B. Salt _____            | T. Atoka _____         | T. Pictured Cliffs <u>2020</u>   | T. Penn. "D" <u>Mesaverde</u> |
| T. Yates _____           | T. Miss _____          | T. Cliff House <u>3592</u>       | T. Leadville <u>@ 2826</u>    |
| T. 7 Rivers _____        | T. Devonian _____      | T. Menefee <u>3718</u>           | T. Madison _____              |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout <u>4375</u>     | T. Elbert _____               |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos <u>4617</u>            | T. McCracken _____            |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____                  | T. Ignacio Qtzite _____       |
| 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 2020 to 2163 G No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from 2826 to 4612 G No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

None tested

## 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<br>in Feet | Formation | From                                                                                                                                                                                   | To | Thickness<br>in Feet | Formation |
|-----------------|----|----------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------|-----------|
| Perforations:   |    |                      |           | Mesaverde 2830-36&41'; 3986-92&96'; 4002&22'; 4124-26&75';<br>4202-10-14-18-22&56'; 4304-07-17-26-30-70-73-76-82-88&94';<br>4400-06-22-42-50-53-57-74&86'; 4504-56-59-62-71&77'; 4612' |    |                      |           |
| Pictured Cliffs |    |                      |           | 2032-36-41-45-49-58-62-72-74-80-82&88'                                                                                                                                                 |    |                      |           |