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Form C-105  
Revised 10-68

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

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
**L-4800**

1a. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐  
b. TYPE OF COMPLETION  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

2. Name of Operator  
**Dorchester Exploration, Inc.**

3. Address of Operator  
**1100 Midland National Bank Tower, Midland, Texas 79701**

4. Location of Well  
UNIT LETTER **E** LOCATED **2160** FEET FROM THE **North** LINE AND **990** FEET FROM  
THE **West** LINE OF SEC. **4** TWP. **15S** RGE. **34E** NMPM

15. Date Spudded **8/4/79** 16. Date T.D. Reached **9/15/79** 17. Date Compl. (Ready to Prod.) **10/29/79** 18. Elevations (DF, RKB, RT, GR, etc.) **4119 GR** 19. Elev. Casinghead

20. Total Depth **11,200** 21. Plug Back T.D. **10,905** 22. If Multiple Compl., How Many **1** 23. Intervals Drilled by Rotary Tools **X** Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name  
**10,366'-10,380' Permo-Penn**

25. Was Directional Survey Made  
**No**

26. Type Electric and Other Logs Run  
**Electric, Gamma Ray-Casing Collar Log, Cement Bond Log**

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 |
| 13-3/8'                                            | 48#            | 400'      | 17-1/2"   | Cmt. w/450 sx Class "C"          |               |
| 8-5/8"                                             | 24#&32#        | 4548      | 11"       | Cmt. w/1550 sx Class "C"         |               |
| 5-1/2"                                             | 17#&20#        | 10,943    | 7-7/8"    | Cmt. w/775 sx Cl. H w/8# salt/sx |               |

| 29. LINER RECORD |     |        |              |        | 30. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        |                   |           |            |

31. Perforation Record (Interval, size and number)  
**10,366'-10,380' 4" hole w/28 shots overall**

| 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. |                               |
|------------------------------------------------|-------------------------------|
| DEPTH INTERVAL                                 | AMOUNT AND KIND MATERIAL USED |
| <b>10,366'-10,380</b>                          | <b>200 gal. MCA</b>           |
|                                                |                               |
|                                                |                               |

33. PRODUCTION  
Date First Production **10/29/79** Production Method (Flowing, gas lift, pumping - Size and type pump) **Flow** Well Status (Prod. or Shut-in) **Shut-in**

|                                  |                                |                                         |                                         |                           |                           |                                        |                              |
|----------------------------------|--------------------------------|-----------------------------------------|-----------------------------------------|---------------------------|---------------------------|----------------------------------------|------------------------------|
| Date of Test<br><b>10/29/79</b>  | Hours Tested<br><b>24</b>      | Choke Size<br><b>24/64</b>              | Prod'n. For Test Period<br><b>198.7</b> | Oil - Bbl.<br><b>69.6</b> | Gas - MCF<br><b>-0-</b>   | Water - Bbl.<br><b>350</b>             | Gas - Oil Ratio<br><b>44</b> |
| Flow Tubing Press.<br><b>270</b> | Casing Pressure<br><b>1150</b> | Calculated 24-Hour Rate<br><b>198.7</b> | Oil - Bbl.<br><b>69.6</b>               | Gas - MCF<br><b>-0-</b>   | Water - Bbl.<br><b>44</b> | Oil Gravity - API (Corr.)<br><b>44</b> |                              |

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
**sold** Test Witnessed By **Sam Snow**

35. List of Attachments  
**Electric Log, Deviation Record, DST Report**

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 **Rick O'Bannon** TITLE **Assistant Proration Administrator** DATE **November 1, 1979**

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by a copy of all electrical and radioactivity logs run in the well and a summary of all special tests conducted, including drill stem tests. All data in the report shall be measured so that, in the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Form 33 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 116.

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

## Southeastern New Mexico

## Northwestern New Mexico

|                           |                        |                             |                         |
|---------------------------|------------------------|-----------------------------|-------------------------|
| T. Anhy _____ 1785'       | 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 _____ 2915'      | T. Miss _____          | T. Cliff House _____        | T. Leadville _____      |
| T. 7 Rivers _____         | T. Devonian _____      | T. Menefee _____            | T. Madison _____        |
| T. Queen _____ 3737'      | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____         |
| T. Grayburg _____         | T. Montoya _____       | T. Mancos _____             | T. McCracken _____      |
| T. San Andres _____ 4423' | T. Simpson _____       | T. Gallup _____             | T. Ignacio Qtzite _____ |
| T. Glorieta _____ 6000'   | T. McKee _____         | Base Greenhorn _____        | T. Granite _____        |
| T. Paddock _____          | T. Ellenburger _____   | T. Dakota _____             | T. _____                |
| T. Blinberry _____        | T. Gr. Wash _____      | T. Morrison _____           | T. _____                |
| T. Tubb _____ 7343'       | T. Granite _____       | T. Todilto _____            | T. _____                |
| T. Drinkard _____         | T. Delaware Sand _____ | T. Entrada _____            | T. _____                |
| T. Abo _____ 8095'        | T. Bone Springs _____  | T. Wingate _____            | T. _____                |
| T. Wolfcamp _____ 9650'   | T. _____               | T. Chinle _____             | T. _____                |
| T. Penn. _____ 10,363'    | T. _____               | T. Permian _____            | T. _____                |
| T. Cisco (Bough C) _____  | T. _____               | T. Penn. "A" _____          | T. _____                |

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ 10,366 \_\_\_\_\_ to \_\_\_\_\_ 10,380 \_\_\_\_\_ 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 \_\_\_\_\_ none known \_\_\_\_\_ 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 |
|-------|-------|----------------------|---------------|------|----|----------------------|-----------|
| 0     | 1785  | 1785                 | Red Bed       |      |    |                      |           |
| 1785  | 2915  | 1130                 | Anhydrite     |      |    |                      |           |
| 2915  | 3737  | 822                  | Yates         |      |    |                      |           |
| 3737  | 4423  | 686                  | Queen         |      |    |                      |           |
| 4423  | 6000  | 1577                 | San Andres    |      |    |                      |           |
| 6000  | 7343  | 1343                 | Glorieta      |      |    |                      |           |
| 7343  | 8095  | 752                  | Tubb          |      |    |                      |           |
| 8095  | 9650  | 1555                 | Abo           |      |    |                      |           |
| 9650  | 10363 | 713                  | Wolfcamp      |      |    |                      |           |
| 10363 | 10380 | 17                   | Pennsylvanian |      |    |                      |           |

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