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

Form C-105  
Revised 1-1-65

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
**LG 1243**

|                                                                                                                                                                                                                                                  |                                               |                                                                                                                                                                                                                   |                                                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| 1a. TYPE OF WELL<br>OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>                                                                                   |                                               | 7. Unit Agreement Name<br><b>Antelope Ridge</b>                                                                                                                                                                   |                                                                                                       |
| 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"/> |                                               | 8. Farm or Lease Name<br><b>State "24" Comm</b>                                                                                                                                                                   |                                                                                                       |
| 2. Name of Operator<br><b>NATOMAS NORTH AMERICA, INC.</b>                                                                                                                                                                                        |                                               | 9. Well No.<br><b>1</b>                                                                                                                                                                                           |                                                                                                       |
| 3. Address of Operator<br><b>1000 First Place, Tulsa, Oklahoma 74103</b>                                                                                                                                                                         |                                               | 10. Field and Pool, or Wildcat<br><b>Antelope Ridge Bone Springs</b>                                                                                                                                              |                                                                                                       |
| 4. Location of Well<br>UNIT LETTER <b>K</b> LOCATED <b>1980</b> FEET FROM THE <b>West</b> LINE AND <b>1980</b> FEET FROM<br><b>THE South</b> LINE OF SEC. <b>24</b> TWP. <b>23S</b> RGE. <b>34E</b> NMPM                                         |                                               | 12. County<br><b>Lea</b>                                                                                                                                                                                          |                                                                                                       |
| 15. Date Spudded<br><b>2/23/80</b>                                                                                                                                                                                                               | 16. Date T.D. Reached<br><b>5/20/80</b>       | 17. Date Compl. (Ready to Prod.)<br><b>8/7/80</b>                                                                                                                                                                 | 18. Elevations (DF, RKB, RT, GR, etc.)<br><b>3372' GR</b>                                             |
| 19. Elev. Casinghead<br><b>3374'</b>                                                                                                                                                                                                             | 20. Total Depth<br><b>13,900'</b>             |                                                                                                                                                                                                                   |                                                                                                       |
| 21. Plug Back T.D.<br><b>12,380'</b>                                                                                                                                                                                                             | 22. If Multiple Compl., How Many<br><b>NA</b> | 23. Intervals Drilled By<br><b>X</b>                                                                                                                                                                              | 24. Producing Interval(s), of this completion - Top, Bottom, Name<br><b>9882-10,866' Bone Springs</b> |
| 25. Was Directional Survey Made<br><b>No</b>                                                                                                                                                                                                     |                                               |                                                                                                                                                                                                                   | 26. Type Electric and Other Logs Run<br><b>Dual Induction, CNL-FDC, GR-Caliper, Cement Bond Log</b>   |
| 27. Was Well Cored<br><b>No</b>                                                                                                                                                                                                                  |                                               |                                                                                                                                                                                                                   | 28. CASING RECORD (Report all strings set in well)                                                    |
| CASING SIZE                                                                                                                                                                                                                                      | WEIGHT LB./FT.                                | DEPTH SET                                                                                                                                                                                                         | HOLE SIZE                                                                                             |
| 20"                                                                                                                                                                                                                                              | 94#                                           | 739'                                                                                                                                                                                                              | 26"                                                                                                   |
| 13-3/8"                                                                                                                                                                                                                                          | 72, 68 & 61#                                  | 5130'                                                                                                                                                                                                             | 17 1/2"                                                                                               |
| 9-5/8"                                                                                                                                                                                                                                           | 53.5#                                         | 12,050'                                                                                                                                                                                                           | 12 1/2"                                                                                               |
| CEMENTING RECORD                                                                                                                                                                                                                                 |                                               | AMOUNT PULLED                                                                                                                                                                                                     |                                                                                                       |
| 925 sx HLC - 400 sx CLC                                                                                                                                                                                                                          |                                               | None                                                                                                                                                                                                              |                                                                                                       |
| 2550 sx HLC - 350 sx CLC                                                                                                                                                                                                                         |                                               | None                                                                                                                                                                                                              |                                                                                                       |
| 600 sx HLC - 350 sx CL H                                                                                                                                                                                                                         |                                               | None                                                                                                                                                                                                              |                                                                                                       |
| 29. LINER RECORD                                                                                                                                                                                                                                 |                                               | 30. TUBING RECORD                                                                                                                                                                                                 |                                                                                                       |
| SIZE                                                                                                                                                                                                                                             | TOP                                           | BOTTOM                                                                                                                                                                                                            | SACKS CEMENT                                                                                          |
| 7-5/8"                                                                                                                                                                                                                                           | 11,715'                                       | 13,899' (shoe)                                                                                                                                                                                                    | 300 sx                                                                                                |
| 31. Perforation Record (Interval, size and number)<br><b>See attached page</b>                                                                                                                                                                   |                                               | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.<br>DEPTH INTERVAL<br><b>9882-9893';</b><br><b>10,835-10,842' &amp;</b><br><b>10,850-10,866'</b><br>AMOUNT AND KIND MATERIAL USED<br><b>14,000 gal 20% HCL acid</b> |                                                                                                       |
| 33. PRODUCTION<br>Date First Production<br><b>7/6/80</b><br>Production Method (Flowing, gas lift, pumping - Size and type pump)<br><b>Intermittent production: 18 hr SI - 6 hr flowing</b><br>Well Status (Prod. or Shut-in)<br><b>Producing</b> |                                               |                                                                                                                                                                                                                   |                                                                                                       |
| Date of Test<br><b>8/7/80</b>                                                                                                                                                                                                                    | Hours Tested<br><b>24 hrs</b>                 | Choke Size<br><b>1"</b>                                                                                                                                                                                           | Prod'n. For Test Period<br><b>7.0</b>                                                                 |
| Oil - Bbl.<br><b>7.0</b>                                                                                                                                                                                                                         | Gas - MCF<br><b>40</b>                        | Water - Bbl.<br><b>0</b>                                                                                                                                                                                          | Gas - Oil Ratio<br><b>5714</b>                                                                        |
| Flow Tubing Press.<br><b>60 psi</b>                                                                                                                                                                                                              | Casing Pressure<br><b>0 (pkr)</b>             | Calculated 24-Hour Rate<br><b>7</b>                                                                                                                                                                               | Oil Gravity - API (Corr.)<br><b>40°</b>                                                               |
| 34. Disposition of Gas (Sold, used for fuel, vented, etc.)<br><b>vented</b>                                                                                                                                                                      |                                               |                                                                                                                                                                                                                   | Test Witnessed By<br><b>Bob Carter</b>                                                                |
| 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>D. M. Mullen</b>                                                                                                                                                                                                                       |                                               | TITLE <b>Production Manager</b>                                                                                                                                                                                   |                                                                                                       |
| DATE <b>9/4/80</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 _____              | T. Canyon _____                  | T. Ojo Alamo _____          | T. Penn. "B" _____     |
| T. Salt _____              | T. Strawn <u>12,010</u>          | T. Kirtland-Fruitland _____ | T. Penn. "C" _____     |
| B. Salt _____              | T. Atoka <u>12,258</u>           | 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 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 <u>5085</u>     | T. Entrada _____            | T. _____               |
| T. Abo _____               | T. Bone Springs <u>9646 8646</u> | T. Wingate _____            | T. _____               |
| T. Wolfcamp <u>11,671'</u> | T. Morrow <u>13,135'</u>         | T. Chinle _____             | T. _____               |
| T. Penn. _____             | T. Rustler Anhy <u>905'</u>      | 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                                                                          | 905   | 905                  | Surface       |                                                                             |    |                      |           |
| 905                                                                        | 5085  | 4180                 | Rustler Anhy  |                                                                             |    |                      |           |
| 5085                                                                       | 8646  | 3561                 | Delaware Sand |                                                                             |    |                      |           |
| 8646                                                                       | 11671 | 3025                 | Bone Springs  |                                                                             |    |                      |           |
| 11671                                                                      | 12010 | 339                  | Wolfcamp      |                                                                             |    |                      |           |
| 12010                                                                      | 12258 | 248                  | Strawn        |                                                                             |    |                      |           |
| 12258                                                                      | 13135 | 877                  | Atoka         |                                                                             |    |                      |           |
| 13135                                                                      | 13900 | 765                  | Morrow        |                                                                             |    |                      |           |
| <div>RECEIVED</div> <div>SEP 8 1980</div> <div>OIL CONSERVATION DIV.</div> |       |                      |               | <div>RECEIVED</div> <div>SEP 29 1980</div> <div>OIL CONSERVATION DIV.</div> |    |                      |           |

31. PERFORATION RECORD (Interval, size and number)

|                |     |          |                                          |
|----------------|-----|----------|------------------------------------------|
| 13,346-13,352' | 6'  | 12 holes | Abandoned w/CIBP @ 13,200'               |
| 12,973-12,981' | 8'  | 16 holes | Abandoned w/tbg plug & 10' cmt @ 12,800' |
| 12,596-12,616' | 20' | 40 holes | Abandoned w/tbg plug & 10' cmt @ 12,380' |
| 10,835-10,842' | 7'  | 14 holes |                                          |
| 10,850-10,866' | 16' | 32 holes |                                          |
| 9882-9893'     | 11' | 22 holes |                                          |

NATOMAS  
NORTH  
AMERICA  
INC.

STATE COMM 24 - #1  
Sec. 23-23S-34E  
Lea Co., N.M.

DEVIATIONS

|                         |   |       |                         |   |         |
|-------------------------|---|-------|-------------------------|---|---------|
| $\frac{1}{2}^{\circ}$   | @ | 355'  | $\frac{1}{2}^{\circ}$   | @ | 5725'   |
| $1^{\circ}$             | @ | 493'  | $\frac{1}{2}^{\circ}$   | @ | 6259'   |
| $\frac{1}{2}^{\circ}$   | @ | 589'  | $\frac{1}{4}^{\circ}$   | @ | 6756'   |
| $\frac{3}{4}^{\circ}$   | @ | 641'  | $\frac{1}{4}^{\circ}$   | @ | 7207'   |
| $\frac{1}{4}^{\circ}$   | @ | 730'  | $\frac{1}{2}^{\circ}$   | @ | 7730'   |
| $\frac{3}{4}^{\circ}$   | @ | 966'  | $\frac{3}{4}^{\circ}$   | @ | 8285'   |
| $\frac{3}{4}^{\circ}$   | @ | 1387' | $\frac{3}{4}^{\circ}$   | @ | 8707'   |
| $\frac{1}{4}^{\circ}$   | @ | 1720' | $1-\frac{3}{4}^{\circ}$ | @ | 9205'   |
| $\frac{3}{4}^{\circ}$   | @ | 2063' | $1\frac{1}{2}^{\circ}$  | @ | 9453'   |
| $\frac{3}{4}^{\circ}$   | @ | 2356' | $1-\frac{3}{4}^{\circ}$ | @ | 9555'   |
| $2^{\circ}$             | @ | 2712' | $1-\frac{3}{4}^{\circ}$ | @ | 9830'   |
| $1-\frac{3}{4}^{\circ}$ | @ | 2850' | $1-\frac{3}{4}^{\circ}$ | @ | 10,080' |
| $1^{\circ}$             | @ | 3000' | $2^{\circ}$             | @ | 10,413' |
| $1\frac{1}{2}^{\circ}$  | @ | 3332' | $2\frac{1}{4}^{\circ}$  | @ | 10,675' |
| $1-\frac{3}{4}^{\circ}$ | @ | 3593' | $1\frac{1}{2}^{\circ}$  | @ | 10,696' |
| $1\frac{1}{2}^{\circ}$  | @ | 3810' | $1\frac{1}{4}^{\circ}$  | @ | 10,822' |
| $1\frac{1}{4}^{\circ}$  | @ | 3995' | $1^{\circ}$             | @ | 10,997' |
| $1\frac{1}{4}^{\circ}$  | @ | 4155' | $\frac{1}{2}^{\circ}$   | @ | 11,250' |
| $1\frac{1}{4}^{\circ}$  | @ | 4238' | $\frac{3}{4}^{\circ}$   | @ | 10,870' |
| $2\frac{1}{2}^{\circ}$  | @ | 4422' | $\frac{1}{2}^{\circ}$   | @ | 12,050' |
| $2^{\circ}$             | @ | 4540' | $\frac{1}{2}^{\circ}$   | @ | 12,530' |
| $1\frac{1}{4}^{\circ}$  | @ | 4810' | $1\frac{1}{4}^{\circ}$  | @ | 13,179' |
| $1^{\circ}$             | @ | 5200' |                         |   |         |

Subscribed and sworn to before me this 24<sup>th</sup> Day of September, 1980

My commission expires 3/27/83.

Diana M. Knott  
NOTARY PUBLIC