

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

Form C-105  
Revised 1-1-89

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| WELL API NO.                 | 30-025-34020                                                           |
| 5. Indicate Type of Lease    | STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> |
| 6. State Oil & Gas Lease No. |                                                                        |

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

|                                                                                                                                                                                                                              |                                  |                                                      |                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------|-------------------------------------------------------------------|
| 1a. Type of Well:<br>OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____                                                                                 |                                  | 7. Lease Name or Unit Agreement Name<br><br>State BG |                                                                   |
| 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 _____ |                                  | 8. Well No.<br>2                                     |                                                                   |
| 2. Name of Operator<br>Altura Energy LTD                                                                                                                                                                                     |                                  | 9. Pool name or Wildcat<br>N Vacuum Atoka - Morrow   |                                                                   |
| 3. Address of Operator<br>P.O. Box 4294, Houston, TX 77210-4294                                                                                                                                                              |                                  |                                                      |                                                                   |
| 4. Well Location<br>Unit Letter <u>J</u> : <u>1780</u> Feet From The <u>South</u> Line and <u>1810</u> Feet From The <u>East</u> Line<br>Section <u>19</u> Township <u>17-S</u> Range <u>35-E</u> NMPM Lea County            |                                  |                                                      |                                                                   |
| 10. Date Spudded<br>6/17/97                                                                                                                                                                                                  | 11. Date T.D. Reached<br>7/21/97 | 12. Date Compl. (Ready to Prod.)<br>N/A              | 13. Elevations (DF & RKB, RT, GR, etc.)<br>3985' GL               |
| 15. Total Depth<br>12,394                                                                                                                                                                                                    | 16. Plug Back T.D.<br>11,828     | 17. If Multiple Compl. How Many Zones?               | 18. Intervals Drilled By<br>Rotary Tools<br>12,394<br>Cable Tools |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>11,402' - 11,655' (Atoka)                                                                                                                               |                                  |                                                      | 20. Was Directional Survey Made<br>Yes                            |
| 21. Type Electric and Other Logs Run<br>AL Micro-CFL/NGT, NGR-SL, BHC SL/NGT, CN/TD LD/NGT                                                                                                                                   |                                  |                                                      | 22. Was Well Cored<br>No                                          |

**CASING RECORD (Report all strings set in well)**

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|---------------|-----------|-----------|------------------|---------------|
| 20          | Conductor     | 40        | 24        | 60 sx            |               |
| 11-3/4      | 42            | 1619      | 14-3/4    | 950 sx           |               |
| 8-5/8       | 32            | 5020      | 11        | 2100 sx          |               |
| 5-1/2       | 17, 20        | 12,394    | 7-7/8     | 1625 sx          |               |

**24. LINER RECORD**

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | 25. TUBING RECORD<br>SIZE | DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|---------------------------|-----------|------------|
|      |     |        |              |        | 2-3/8                     | 11,348    |            |

**26. Perforation record (interval, size, and number)**

11,402' - 11,409', 11,551' - 11,555',  
11,652' - 11,655', 4 JSPF

**27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.**

| DEPTH INTERVAL  | AMOUNT AND KIND MATERIAL USED |
|-----------------|-------------------------------|
| 11,402 - 11,655 | 2000 gal. 7.5% acid           |

**PRODUCTION**

|                                                            |                 |                                                                     |                        |            |              |                                           |                 |
|------------------------------------------------------------|-----------------|---------------------------------------------------------------------|------------------------|------------|--------------|-------------------------------------------|-----------------|
| 28. Date First Production<br>N/A                           |                 | Production Method (Flowing, gas lift, pumping - Size and type pump) |                        |            |              | Well Status (Prod. or Shut-in)<br>Shut-In |                 |
| Date of Test                                               | Hours Tested    | Choke Size                                                          | Prod'n For Test Period | Oil - Bbl. | Gas - MCF    | Water - Bbl.                              | Gas - Oil Ratio |
| Flow Tubing Press.                                         | Casing Pressure | Calculated 24-Hour Rate                                             | Oil - Bbl.             | Gas - MCF  | Water - Bbl. | Oil Gravity - API - (Corr.)               |                 |
| 29. Disposition of Gas (Sold, used for fuel, vented, etc.) |                 |                                                                     |                        |            |              | Test Witnessed By                         |                 |

30. List Attachments  
N/A (Logs and Deviation Survey were filed on 10/6/97)

31. 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

Signature Mark Stephens Printed Name Mark Stephens Title Bus. Analyst Date 3/25/98

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 25 through 29 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

|                    |        |                  |        |
|--------------------|--------|------------------|--------|
| T. Anhy            |        | T. Canyon        |        |
| T. Salt            |        | T. Strawn        | 11,295 |
| B. Salt            |        | T. Atoka         | 11,404 |
| T. Yates           | 3010   | T. Miss          | 12,297 |
| T. 7 Rivers        | 3310   | T. Devonian      |        |
| T. Queen           | 3918   | T. Silurian      |        |
| T. Grayburg        | 4305   | T. Montoya       |        |
| T. San Andres      | 4590   | T. Simpson       |        |
| T. Glorieta        | 6091   | T. McKee         |        |
| T. Paddock         | 6178   | T. Ellenburger   |        |
| T. Blinberry       | 6515   | T. Gr. Wash      |        |
| T. Tubb            | 7503   | T. Delaware Sand |        |
| T. Drinkard        | 7690   | T. Bone Springs  |        |
| T. Abo             | 8195   | T.               |        |
| T. Wolfcamp        | 9490   | T.               |        |
| T. Penn            | 10,341 | T.               |        |
| T. Cisco (Bough C) | 10,620 | T.               |        |

### Northwestern New Mexico

|                       |  |                  |  |
|-----------------------|--|------------------|--|
| T. Ojo Alamo          |  | T. Penn. "B"     |  |
| T. Kirtland-Fruitland |  | T. Penn. "C"     |  |
| T. Pictured Cliffs    |  | T. Penn. "D"     |  |
| T. Cliff House        |  | T. Leadville     |  |
| T. Menefee            |  | T. Madison       |  |
| T. Point Lookout      |  | T. Elbert        |  |
| T. Mancos             |  | T. McCracken     |  |
| T. Gallup             |  | T. Ignacio Otzte |  |
| Base Greenhorn        |  | T. Granite       |  |
| T. Dakota             |  | T.               |  |
| T. Morrison           |  | T.               |  |
| T. Todilto            |  | T.               |  |
| T. Entrada            |  | T.               |  |
| T. Wingate            |  | T.               |  |
| T. Chinle             |  | T.               |  |
| T. Permian            |  | T.               |  |
| T. Penn "A"           |  | T.               |  |

### OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
 No. 2, from.....to.....  
 No. 3, from.....to.....  
 No. 4, 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.....

### LITHOLOGY RECORD (Attach additional sheet if necessary)

| From  | To    | Thickness<br>in Feet | Lithology                      | From | To | Thickness<br>in Feet | Lithology |
|-------|-------|----------------------|--------------------------------|------|----|----------------------|-----------|
| 8970  | 9400  | 430                  | Dolomite w/Minor Shale         |      |    |                      |           |
| 9400  | 10434 | 1034                 | Limestone w/Minor Dol. & Cht   |      |    |                      |           |
| 10434 | 10620 | 186                  | Shale w/Minor Lst. & Dol.      |      |    |                      |           |
| 10620 | 10720 | 100                  | Limestone                      |      |    |                      |           |
| 10720 | 10950 | 230                  | Shale w/Minor Limestone        |      |    |                      |           |
| 10950 | 11280 | 330                  | Siltstone & Shale              |      |    |                      |           |
| 11280 | 11468 | 188                  | Limestone w/Minor Shale        |      |    |                      |           |
| 11468 | 11800 | 332                  | Sandstone & Shale w/Minor Lst. |      |    |                      |           |
| 11800 | 11870 | 70                   | Limestone                      |      |    |                      |           |
| 11870 | 12030 | 160                  | Mixed Sst., Lst., & Shale      |      |    |                      |           |
| 12030 | 12230 | 200                  | Shale w/Minor Limestone        |      |    |                      |           |
| 12230 | 12392 | 162                  | Limestone & Shale              |      |    |                      |           |