

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**

2040 Pacheco St.  
Santa Fe, NM 87505

Form C-105  
Revised 1-1-89

WELL API NO. 30-015-30164

5. Indicate Type of Lease  
STATE ☐ FEE ☒

6. State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER \_\_\_\_\_

b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DEEP RESER. ☐ OTHER \_\_\_\_\_

2. Name of Operator  
RAM ENERGY, INC.

3. Address of Operator  
601 N. Marienfeld, Suite 102, Midland, TX 79701

7. Lease Name or Unit Agreement Name  
SOUTH CULEBRA BLUFF '23"

8. Well No.  
13

9. Pool name or Wildcat  
LOVING BRUSHY CANYON, EAST

4. Well Location  
Unit Letter F: 1650 Feet From The NORTH Line and 1650 Feet From The WEST Line

Section 23 Township 23-S Range 28-E NMPM LOVING County

|                                                                                              |                                  |                                              |                                                                                                |                                       |
|----------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------|
| 10. Date Spudded<br>5-07-98                                                                  | 11. Date T.D. Reached<br>5-22-98 | 12. Date Compl. (Ready to Prod.)<br>6-10-98  | 13. Elevations (DF & RKB, RT, GR, etc.)<br>3026'                                               | 14. Elev. Casinghead<br>3023          |
| 15. Total Depth<br>6350'                                                                     | 16. Plug Back T.D.<br>6330'      | 17. If Multiple Compl. How Many Zones?<br>NA | 18. Intervals Drilled By<br>Rotary Tools <input checked="" type="checkbox"/> Cable Tools _____ |                                       |
| 19. Producing Interval(s), of this completion - Top, Bottom, Name<br>6126'-6220 BONE SPRINGS |                                  |                                              |                                                                                                | 20. Was Directional Survey Made<br>NO |
| 21. Type Electric and Other Logs Run<br>GR DENSITY NEUTRON W/MICROLOG & DLL                  |                                  |                                              |                                                                                                | 22. Was Well Cored<br>NO              |

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

| CASING SIZE | WEIGHT LB/FT. | DEPTH SET | HOLE SIZE | CEMENTING RECORD                | AMOUNT PULLED   |
|-------------|---------------|-----------|-----------|---------------------------------|-----------------|
| 8-5/8"      | 24.0          | 550'      | 11"       | 90 sx BJ Lite, 250 Class        | NONE            |
|             |               |           |           | "C" + 2% CaCl <sub>2</sub>      | Circ to Surface |
| 5-1/2"      | 15.50         | 6349'     | 7-7/8"    | 960 sx Class "C" + 5#           | Circ to surface |
|             |               |           |           | Salt + 4% FL-52 1200 sx BJ Lite |                 |

| 24. LINER RECORD |     |        |              |        | 25. TUBING RECORD |           |            |
|------------------|-----|--------|--------------|--------|-------------------|-----------|------------|
| SIZE             | TOP | BOTTOM | SACKS CEMENT | SCREEN | SIZE              | DEPTH SET | PACKER SET |
|                  |     |        |              |        | 2-7/8"            | 6170'     | NONE       |

|                                                                                                                                         |                                                 |                                                               |
|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------|
| 26. Perforation record (interval, size, and number)<br>6126, 27, 44, 52, 53, 54, 77, 81, 85<br>6209, 12, 13, 14, 15, 19, 20<br>16 HOLES | 27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. |                                                               |
|                                                                                                                                         | DEPTH INTERVAL                                  | AMOUNT AND KIND MATERIAL USED                                 |
|                                                                                                                                         | 6126-6220                                       | 1250 gal 7 1/2% HCL NEFE                                      |
|                                                                                                                                         | 6126-6220                                       | Frac'd W/340,000 gal 40ppg<br>Linear gel + 95,000# 16-30 sand |

28. **PRODUCTION**

|                                  |                                                                                                          |                         |                        |                  |                                             |                                     |                           |
|----------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------|------------------------|------------------|---------------------------------------------|-------------------------------------|---------------------------|
| Date First Production<br>6-10-98 | Production Method (Flowing, gas lift, pumping - Size and type pump)<br>Pumping 2-1/2 x 1-1/2" x 20' RWBC |                         |                        |                  | Well Status (Prod. or Shut-in)<br>Producing |                                     |                           |
| Date of Test<br>6-15-98          | Hours Tested<br>24                                                                                       | Choke Size<br>-         | Prod'n For Test Period | Oil - Bbl.<br>32 | Gas - MCF<br>124                            | Water - Bbl.<br>53                  | Gas - Oil Ratio<br>3875-1 |
| Flow Tubing Press.<br>NA         | Casing Pressure<br>NA                                                                                    | Calculated 24-Hour Rate | Oil - Bbl.<br>32       | Gas - MCF<br>124 | Water - Bbl.<br>53                          | Oil Gravity - API - (Corr.)<br>40.3 |                           |

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
SOLD

Test Witnessed By  
DAVID MITCHELL

30. List Attachments

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 Tom S. Carrens Printed Name TOM S. CARRENS Title TLC CONSULTING SERVICE Agent Date 6-24-98

## 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 _____ 550        | T. Strawn _____              |
| B. Salt _____ 2368       | T. Atoka _____               |
| T. Yates _____           | T. Miss _____                |
| T. 7 Rivers _____        | T. Devonian _____            |
| T. Queen _____           | T. Silurian _____            |
| T. Grayburg _____        | T. Montoya _____             |
| T. San Andres _____      | T. Simpson _____             |
| T. Glorieta _____        | T. McKee _____               |
| T. Paddock _____         | T. Ellenburger _____         |
| T. Blinebry _____        | T. Gr. Wash _____            |
| T. Tubb _____            | T. Delaware Sand _____ 2510' |
| T. Drinkard _____        | T. Bone Springs _____ 6120'  |
| T. Abo _____             | T. Brushy Canyon _____ 3455' |
| T. Wolfcamp _____        | T. _____                     |
| T. Penn _____            | T. _____                     |
| T. Cisco (Bough C) _____ | 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 Otztze _____ |
| 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 6126 to 6220 No. 3, from to  
No. 2, 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              |
|------|------|----------------------|------------------------|
| 0    | 500  | 500                  | Sand & Gravel          |
| 500  | 1300 | 800                  | Salt & Rock            |
| 1300 | 2580 | 1280                 | Salt, Sand & Anhydrite |
| 2580 | 3580 | 1000                 | Sand & Limestone       |
| 3580 | 5250 | 1670                 | Sandstone & Shale      |
| 5250 | 5400 | 150                  | Shale & Sandstone 10%  |
| 5400 | 6350 | 950                  | Sandstone & Shale 10%  |