

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. OIL CONS. COMMISSION  
P.O. BOX 1980  
HOBBS, NEW MEXICO 88240

Budget Bureau No. 1004-0135  
Expires: March 31, 1993

5. Lease Designation and Serial No.

NM-28881

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Vaca Ridge "30" Fed'l Com #1

9. API Well No.

30025288730000

10. Field and Pool, or Exploratory Area

Pitchfork Ranch Morrow

11. County or Parish, State

Lea, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other Shut In

2. Name of Operator

Enron Oil & Gas Company (formerly operated by Southland Royalty)

3. Address and Telephone No.

P.O. Box 2257, Midland, Texas 79702 915/686-3600

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1980' FSL & 1980' FWL, Sec 30, T24S, R34E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☒ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☒ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

1. MIRU pulling unit, plugging equipment and 14,700' of 2-7/8" 6.5#/ft N-80 workstring. ND WH, NU BOP.
2. PU & RIH with 2-7/8" workstring. Tag CIBP @ 14,700'. Spot 10 sks Class "H" cement on CIBP @ 14,700'. PUH to 13,300'.
3. Spot 30 sks Class "H" cement with 2-1/2 - 3 hours pump time (across 905/8" casing shoe) from 13,300' to 13,200'. PUH to 13,000', reverse circulate tubing clean, WOC and tag plug  $\pm$  13,200'. PUH to 12,261'.
4. Spot 60 sks Class "H" cement with 2-1/2 - 3 hours pump time (across 5-1/2" liner top @ 12,751') from 12,801' to 12,701'. PUH to 12,300', reverse circulate tubing clean, WOC and tag plug  $\pm$  12,500'. PUH to 12,370'.
5. Spot 90 sks Class "H" cement (across top of Wolfcamp formation @ 12,320'), from 12,370' to 12,270'. PUH to 9,400'.
6. Spot 80 sks Class "H" cement from 9,400' to 9,300'. PUH to 6,600'. CONTINUED ON PAGE -2-

14. I hereby certify that the foregoing is true and correct

Signed

Title Project Reservoir Engineer

Date 12-16-93

(This space for Federal or State Office Use)

Approved by

Title

Date

Conditions of approval, if any:

Water Injection Subject to

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*See Instruction on Reverse Side

UNITED STATES  
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FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals

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☐ Oil Well ☐ Gas Well ☒ Other Shut In

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**12 CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

| TYPE OF SUBMISSION                                   | TYPE OF ACTION  |
|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment                        |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Recompletion                       |
| <input type="checkbox"/> Final Abandonment Notice    | <input checked="" type="checkbox"/> Plugging Back           |
|  | <input type="checkbox"/> Casing Repair                      |
|  | <input type="checkbox"/> Altering Casing                    |
|  | <input type="checkbox"/> Other                              |
|  | <input type="checkbox"/> Change of Plans                    |
|  | <input type="checkbox"/> New Construction                   |
|  | <input type="checkbox"/> Non-Routine Fracturing             |
|  | <input type="checkbox"/> Water Shut-Off                     |
|  | <input checked="" type="checkbox"/> Conversion to Injection |
|  | <input type="checkbox"/> Dispose Water                      |

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7. Spot 65 sks Class "H" cement from 6,500' to 6,500' with 2 - 2-1/2 hours pump time. PUH to 5,500', reverse circulate tubing clean. Tag plug @  $\pm$  6,500'. POH with tubing.
8. Perforate Delaware formation from 6,304' - 6,360' 2 SPF using 4" casing gun. POH with guns.
9. RIH with tubing and packer to 6,360'. Spot acid at perfs. PUH and set packer at  $\pm$  6,200'. Acidize perfs with 4,000 gals 15% HCL with additives and ball sealers.
10. Rig up pump truck and test injectivity. If satisfactory injectivity has been achieved, unseat packer at  $\pm$  6,200'.
11. RIH with Baker Lok-Set packer with teflon coated on/off tool and  $\pm$  6,200' IPC tubing. Set packer at  $\pm$  6,200'.
12. POOH with on/off tool. Circ packer fluid in annulus. Set on/off tool. NU wellhead.
13. Pressure annulus to 200 psig. Make sure it holds for 30 minutes. CONTINUED ON PAGE -3-

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] Title \_\_\_\_\_ Date 12-16-93

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Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

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| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Recompletion             | <input type="checkbox"/> New Construction                   |
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|  | <input type="checkbox"/> Casing Repair            | <input type="checkbox"/> Water Shut-Off                     |
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14. Begin injection operations with surface injection pressure of 600 psig. Monitor daily the annulus and braden head pressure.

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