

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form Approved  
Budget Bureau No. 42-R1424

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐  
well well other

2. NAME OF OPERATOR  
Graham Royalty, Ltd.

3. ADDRESS OF OPERATOR  
1675 Larimer, Ste. 400 Denver, CO 80202

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1650' FSL & 790' FWL  
AT TOP PROD. INTERVAL: same  
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☒  
(other) ☒

SUBSEQUENT REPORT OF:

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(NOTE: Report results of multiple completion or zone change on Form 9-330.)

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

17. 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.)\*

(attached)

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OIL CON. DIV.  
DIST. 3

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

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

SIGNED Rick A. McGee TITLE Exploitation DATE \_\_\_\_\_

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

NMOCC

APPROVED
DEC 27 1986
<i>Jim A. Ivato</i>
AREA MANAGER FARMINGTON RESOURCE AREA

Federal #7-13  
Rio Arriba County, New Mexico

Plugging and Abandonment Procedure

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OIL CON. DIV.  
DIST. 3

1. MIRU. Inst BOP.
2. POOH w/ rods. Establish circ.
3. TIH w/ 2-3/8" tbg to RBP @ 6,190'. Ld hole w/ 9.2 ppg mud.
4. Spot 25 sx cmt on RBP from 5,890'-6,190'.
5. Spot 25 sx cmt from 5,135' to 5,435' (top of Gallup @ 5,335').
6. Spot 25 sx cmt from 3,240'-3,540' (top of Cliff House @ 3,440').
7. Spot 25 sx cmt from 1,740' to 2,040' (top of Pictured Cliffs @ 1,940').
8. Spot 25 sx cmt from 1,060' to 1,360' (top of Ojo Alamo @ 1,260').
9. Spot 28 sx cmt from 19' to 349' (surface csg shoe @ 299').
10. RDMO. Weld plate on csg. Set marker.
11. Clean up location.

DV tools were ran in the 4-1/2" csg at 2,192' and 5,539'.

Cement bond logs indicate a good bond across the following intervals:

35'-2,260'  
3,485'-3,740'  
3,940'-4,145'  
4,300'-4,500'  
5,040'-5,545'  
6,130'-TD

It is anticipated that the Federal #7-13 will be plugged and abandoned in the month of June, 1987.