

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

5. Lease Designation and Serial No.

NM-705791

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Graham #51

9. API Well No.

30-045-20909

10. Field and Pool, or Exploratory Area

Otero Chacra & Blanco Mesa Verde

11. County or Parish, State

San Juan County, NM

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

R & G Drilling Company C/O KM Production Company

3. Address and Telephone No.

PO Box 2406 Farmington, NM 87499 (505)325-6900

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

1620' FNL & 1815' FEL

Sec. 10, T27N, R8W

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 Plug and Abandon

- ☐ 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.)*

As per attached report.

RECEIVED
APR 12 1993
OIL CON. DIST. 3

RECEIVED
BLM
APR -2 AM 11:13
C/O MANAGEMENT, NM

Approved as to plugging of the well bore.
Liability under bond is retained until
surface restoration is completed.

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

Signed

Kevin H. McLeod

Title Petroleum Engineer

Date 4-1-93

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

APPROVED

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 statement or fraudulent statements or representations as to any matter within its jurisdiction.

APR 07 1993

Original Signed: STEVE

*See Instruction on Reverse Side

DISTRICT MANAGER

NMOCD

R&G DRILLING CO.
GRAHAM #51
1620 FNL & 1815 FEL
SECTION 10, T27N, R8W
SAN JUAN COUNTY, NEW MEXICO

PLUGGING REPORT

- 3-29-93 Move in and rig up A+ Well Service service unit. Nipple down wellhead and nipple up BOP. Heavy flow of clear water through tubing, annulus, and bradenhead. Work on Loc Set packer and release. Trip out of hole tallying tubing. Recovered 142 joints of 2 3/8" 4.7 #/ft. Eue tubing (4437'), packer, and mud anchor. The tubing had several holes just above the packer. Pickup 4 1/2" Baker cement retainer on tubing. Trip in hole with retainer to 3788' and set. Pressure test tubing to 1200 psi, held OK. Pumped cement plug #1, 80 sx (94 ft³) of Class B cement into perforations from 3844' to 4500'. Pumped 75 sx below retainer and 5 sx on top of retainer. Pull tubing to 3699' and spot 10 barrels of 8.5 #/gal, 40 viscosity mud from 3141' to 3699'. Move tubing to 3156' and spot cement plug #2, 20 sx (24 ft³) of Class B cement from 2887' to 3156'. Move tubing to 2875' and pump 1 barrel of cement into perforations from 3109' to 3141'. (note: water still flowing through annulus and bradenhead). Pull tubing to 2250' and shut down for the night.
- 3-30-93 Trip in hole with tubing and tag top of plug #2 at 3031' (plug #2 placed from 3031' to 3156'). Well still flowing clear water at the surface through the annulus. Spot 13 barrels of 8.5 #/gal, 40 viscosity mud from 2200' to 3031'. Move tubing to 2194'. Spot cement plug #3, 35 sx (41 ft³) of Class B cement from 1724' to 2194'. Move tubing to 1687'. Spot 5 barrels of 8.5 #/gal, 40 viscosity mud from 1387' to 1687'. Trip out of hole with tubing. Rig up wireline. Perforated 2 squeeze holes at 1387'. Pickup cement retainer on tubing and set at 1250'. Pressure test casing to 500 psi, held OK (stopped waterflow through annulus). Pump cement plug #4, 111 sx (131 ft³) of Class B cement (pumped 101 sx below retainer and 10 sx on top of retainer). Sting out of retainer. Move tubing to 1128' and spot 13 barrels of 8.5 #/gal, 40 viscosity mud from 322' to 1128'. Trip out of hole with tubing. Rig up wireline. Perforate 2 squeeze holes at 322', and got water flow to the surface through the 4 1/2" casing and bradenhead. Pump down casing and got good returns to the surface through the bradenhead. Pump cement plug #5, 113 sx (133 ft³) of Class B cement from surface to 322'. Had 1/2 barrel of good cement returns out of the bradenhead. Shut well in to cleanup equipment. Opened well and had flowback. Shut well in overnight to allow cement to set.

3-31-93 Opened up well, no flow. Nipple down BOP. Cutoff wellhead and casing 3 ft below ground level and install dry hole marker with 10 sx (12 ft³) surface plug. Release rig. Plugging operations complete.

Note: Plugging operations were witnessed by BLM, Belva Christensen.