

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator

**BURLINGTON
RESOURCES**

OIL & GAS COMPANY

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M

1650' FSL, 1800' FEL, Sec.13, T-27-N, R-10-W, NMPM

5. Lease Number
NM-027

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Knauff #2

9. API Well No.
30-045-06494

10. Field and Pool
Fulcher Kutz PC

11. County and State
San Juan Co, NM

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

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

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

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure.

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

Signed

Janey Cale

Title Regulatory Administrator Date 11/29/99

trc

(This space for Federal or State Office Use)

APPROVED BY

Title

Date 12/8/99

CONDITION OF APPROVAL, if any:

NMOCB

PLUG & ABANDONMENT PROCEDURE

11-16-99

Knauff #2

Fulcher Kutz Pictured Cliffs

DPNO 5093101

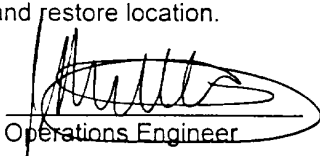
1650' FSL and 1800' FEL, Section 13, T-27-N, R-10-W

San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

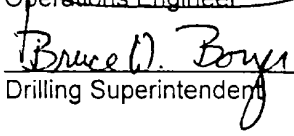
1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOC, BLM, and Burlington safety regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line and blow down well; kill with water as necessary. ND wellhead and NU BOP. Test BOP.
2. Tally and prepare a tubing workstring. Round-trip 5-1/2" gauge ring to 1612', or as deep as possible.
3. **Plug #1 (Pictured Cliffs open hole interval, tubing fish and Fruitland top, 2085' – 1562'):** TIH with tubing and set a 5-1/2" cement retainer at 1612'. Pressure test tubing to 1000#. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix and pump 82 sxs Class B cement, squeeze 76 sxs below cement retainer (100% excess in openhole and 50' in casing) to fill Pictured Cliffs open hole interval and cover the Fruitland top, then spot 6 sxs above the CR. TOH with tubing.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 1268' - 1010'):** Perforate 3 HSC squeeze holes at 1268'. Establish rate into squeeze holes if casing tested. Set 5-1/2" cement retainer at 1218'. Establish rate below retainer into squeeze holes. Mix 112 sxs Class B cement, squeeze 76 sxs cement outside 5-1/2" casing and leave 36 sxs cement inside casing to cover through Ojo Alamo top. TOH and LD tubing.
5. **Plug #3 (9-5/8" Casing shoe, 148' - Surface):** Perforate 3 HSC squeeze holes at 148'. Establish circulation out bradenhead. Mix and pump approximately 60 sxs Class B cement down the 5-1/2" casing from 148' to surface, circulate good cement out bradenhead. Shut in well and WOC.
6. ND BOP and cut off wellhead below surface casing. Install P&A marker that complies with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:


Operations Engineer

11/12/99

Approval:


Drilling Superintendent

11-24-99