

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

1850' FSL, 910' FEL, Sec. 9, T27N, R10W, NMPM

5. Lease Number
NMSF - 077382

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Hargrave #2R

9. API Well No.
30-045-23718

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 ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut off
☐ Altering Casing ☐ Conversion to Injection
☐ Other -

13. Describe Proposed or Completed Operations

It is intended to plug and abandoned the subject well according to the attached procedure and wellbore diagram.

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

Signed Tammy Williams Title Regulatory Specialist Date 10/27/03

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date NOV 07 2003

CONDITION OF APPROVAL, if any:

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.

NMOCD



070 Farmington, NM

NOV 27 PM 3:28

RECEIVED

Plug and Abandonment Procedure 10/22/03

Hargrave #2R

Fulcher Kutz Pictured Cliffs

1850' FSL and 910' FEL

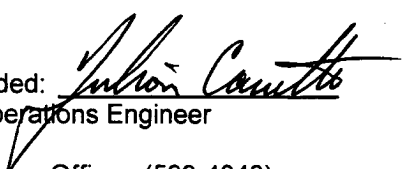
SE, Section 9, T-27-N, R-10-W

Latitude: 36° 35.952 / Longitude: 107° 53.652

AIN: 5096701

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and test location rig anchors. Prepare blow pit. Comply with all NMOCD, BLM, and Burlington safety regulations. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and install cementing valve.
2. Prepare 1-1/4" IJ tubing workstring. Round-trip 2-7/8" gauge ring or casing scraper to 2097'.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 2097' - 1070')**: RIH and set 2-7/8" wireline CIBP at 2097'. TIH with tubing and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 30 sxs cement (in two 15 sxs stages) to fill inside the casing to isolate the Pictured Cliffs perforations and to cover through the Ojo Alamo top. TOH with tubing.
4. **Plug #2 (8-5/8" casing shoe, 184' - Surface)**: Perforate 2 bi-wire squeeze holes at 184'. Establish circulation out the bradenhead with water. Mix and pump approximately 80 sxs cement down 2-7/8" casing to circulate good cement out bradenhead. Shut well in and WOC.
5. ND BOP and cut off casing below surface. Install P&A marker with cement to comply with regulations. RD, move off location, cut off anchors and restore location.

Recommended: 
Operations Engineer

Engineer Office - (599-4043)
 Cell - (320-0321)

Approved: _____
Drilling Superintendent

Sundry Required: YES NO

Approved: _____

Lease Operator: Ross Saiz

Cell: 320-2502 Pager: 324-7396

Specialist: Jim Jones

Cell: 320-2631 Pager: 324-7546

Foreman: Steve Florez

Cell: 320-0029 Pager: 326-8199

Hargrave #2R

Current

Fulcher Kutz Pictured Cliffs / AIN 5096701

1850' FSL & 910' FEL, Section 9, T-27-N, R-10-W, San Juan County, NM

Lat: N 36° 3.5952 / Long: W 107° 53.652 / API #30-045-23718

Today's Date: 10/22/03

Spud: 12/20/80

Completed: 1/13/81

Elevation: 6259' GL
6268' KB

12-1/4" Hole

8-5/8" 24#, J-55 Casing set @ 134'
Cement with 106 cf (Circulated to Surface)

WELL HISTORY

NOTE: Well was planned to be 2002
re-stimulation project, however a
pressure test indicated a casing failure.

TOC @ 1050' (T.S.)

Ojo Alamo @ 1120'

Kirtland @ 1275'

Fruitland @ 1845'

Pictured Cliffs @ 2142'

Pictured Cliffs Perforations:
2147' – 2174'

7-7/8" &
6-3/4" Hole

2-7/8" 6.4#, J-55 Casing set @ 2358'
Cement with 394 cf

TD 2358'
PBD 2348'

Hargrave #2R

Proposed P&A

Fulcher Kutz Pictured Cliffs / AIN 5096701

1850' FSL & 910' FEL, Section 9, T-27-N, R-10-W, San Juan County, NM

Lat: N 36° 3.5952 / Long: W 107° 53.652 / API #30-045-23718

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Elevation: 6259' GL
6268' KB

12-1/4" Hole

8-5/8" 24#, J-55 Casing set @ 134'
Cement with 106 cf (Circulated to Surface)

Perforate @ 184'

Plug #2: 184' – Surface
Cement with 80 sxs

TOC @ 1050' (T.S.)

Ojo Alamo @ 1120'

Kirtland @ 1275'

Fruitland @ 1845'

Pictured Cliffs @ 2142'

Plug #1: 2097' – 1070'
Cement with 30 sxs,
(two 15 sxs stages).

Set CIBP @ 2097'

Pictured Cliffs Perforations:
2147' – 2174'

7-7/8" &
6-3/4" Hole

2-7/8" 6.4#, J-55 Casing set @ 2358'
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TD 2358'
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