

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
CONTINUED FROM 25

## Sundry Notices and Reports on Wells

1. Type of Well  
GAS

5. Lease Number  
SF-077874

6. If Indian, All. or  
Tribe Name

2. Name of Operator

**BURLINGTON  
RESOURCES**

OIL & GAS COMPANY

RECEIVED  
JUN - 1 1999

Unit Agreement Name

3. Address & Phone No. of Operator

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

OIL CON. DIV.  
DIST. 3

8. Well Name & Number  
Hanks #5R

9. API Well No.  
30-045-29551

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

295' FSL, 560' FWL, Sec. 7, T-27-N, R-~~7~~-W, NMPM

M

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

Type of Action

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ 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 abandon on the subject well according to the attached procedure and wellbore diagram.

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

Signed \_\_\_\_\_ Title Regulatory Administrator Date 4/13/99  
trc

(This space for Federal or State Office use)

APPROVED BY /s/ Duane W. Spencer Title Team Lead, Petroleum Services Date MAY 28 1999

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.

NMOC

## PLUG AND ABANDONMENT PROCEDURE

4-5-99

### Hanks #5R

AIN: 6394201

Fulcher Kutz Pictured Cliffs

295' FSL and 560' FWL, Section 7, T27N, R9W

San Juan County, 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/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations.
2. MOL and RU daylight pulling unit. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP. Tally and prepare to PU 1-1/4" IJ or EUE tubing workstring.
3. **Plug #1 (Pictured Cliffs and Fruitland tops 2345' - 1760')**: RIH with open ended tubing to 2345'. Load casing with water and establish circulation. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 27 sxs Class B cement and spot a balanced plug inside casing to cover the Pictured Cliffs and Fruitland tops. PUH to 1350'
4. **Plug #2 (Kirtland and Ojo Alamo tops, 1350' - 1110')**: Mix 12 sxs Class B cement and spot balanced plug inside casing to cover Ojo Alamo top. PUH to 700'.
5. **Plug #3 (Casing Leak, 700' - 400')**: Mix 15 sxs Class B cement and spot balanced plug inside casing to cover problem area. POH and LD tubing.
6. **Plug #4 (7" Surface casing at 136')**: Perforate 3 bi-wire squeeze holes at 140' (CBL show TOC at 150'). Establish rate into squeeze holes and to surface out bradenhead valve. Mix and pump approximately 30 sxs Class B cement down 3-1/2" casing and circulate good cement out bradenhead valve. Shut well in and WOC.
7. 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:

*L. J. Bill*  
Operations Engineer

Approval:

*Bruce D. Boyer* 4-13-99  
Drilling Superintendent

# Hanks #5R

Current

Fulcher Kutz Pictured Cliffs

SW, Section 7, T-27-N, R-9-W, San Juan County, NM

Lat/Long: 36°34.9704", -107°50.1370"

Today's Date: 4/5/99

Spud: 4/24/98

Completed: N/A

Elevation: 6180'  
(GL)

6190' (KB)

8-3/4" hole

7" 20#, J-55 Csg set @ 136'  
Cmt with 65 sxs (77 cf)  
(Circulated 5 bbls to cmt to Surface)

TOC @ 150' (CBL)

Casing Leak  
between 437'  
and 662'

## Well History

Drilling: Drilled to 2305'; ran 1 joint of 3-1/2" casing, dropped; fished out; ran 3-1/2" production casing and cemented, circulated 15 bbls cement to surface.

Apr '98: MIRU; repair wellhead; TIH with 1-1/4" tubing and found obstruction at 437'; drill cement from 437' to 662'; lost circulation, pull up and blow well clean with air; clean out to PBTD 2264' with air; load casing with 2% KCl; LD tubing and RD.

Jul '98: RU wireline unit and run CBL-VDL/GR-CCL logs from 35' - 2260'; found TOC at 150'; attempt to pressure test, established rate 1/2 bpm at 3000#.

Ojo Alamo @  
1160'

Kirtland @ 1300'

Fruitland @ 1810'

Pictured Cliffs @ 2295'

No Perforations

PBTD  
2264'

6-1/4" hole

3-1/2" 9.3#, J-55 Casing set @ 2295'  
Cement with 455 sxs (780 cf)

TD 2305'

# Hanks #5R

## Proposed P&A

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Cmt with 65 sxs (77 cf)  
(Circulated 5 bbls to cmt to Surface)

TOC @ 150' (CBL)

Perforate @ 140'

Plug #4 140' - Surface  
Cmt with 30 sxs Class B

Casing Leak  
between 437'  
and 662'

Plug #3 700' - 400'  
Cmt with 15 sxs Class B

Ojo Alamo @  
1160'

Plug #2 1350' - 1110'  
Cmt with 12 sxs Class B

Kirtland @ 1300'

Fruitland @ 1810'

Plug #1 2345' - 1760'  
Cmt with 27 sxs Class B

Pictured Cliffs @ 2295'

No Perforations

6-1/4" hole

3-1/2" 9.3#, J-55 Casing set @ 2295'  
Cement with 455 sxs (780 cf)

PBTD  
2264'

TD 2305'