

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

- | | |
|--|---|
| <p>1. Type of Well
GAS</p> <p>2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY</p> <p>3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <p>4. Location of Well, Footage, Sec., T, R, M
990' FSL, 1090' FWL, Sec.35, T-26-N, R-5-W, NMPM</p> | <p>5. Lease Number
Jic Contract 153</p> <p>6. If Indian, All. or
Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Well Name & Number
Jicarilla 153 #2</p> <p>9. API Well No.
30-039-06211</p> <p>10. Field and Pool
So Blanco Pict Cliffs</p> <p>11. County and State
Rio Arriba Co, NM</p> |
|--|---|

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

Type of Submission

Type of Action

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input checked="" type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut off |
| | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Other - | |

13. Describe Proposed or Completed Operations

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



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

Signed Brian W. Davis (BB3) Title Regulatory Supervisor Date 9/12/01
no

(This space for Federal or State Office use) Lands and Mineral Resources

APPROVED BY /s/ Brian W. Davis Title _____ Date SEP 28 2001

CONDITION OF APPROVAL, if any: Surface restoration requirements attached.

Jicarilla 153 #2

Pictured Cliff

AIN #3594001

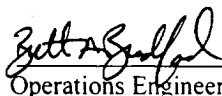
990' FSL & 1090' FWL, Section 35, T26N, R5W
Rio Arriba County, New Mexico API #30-039-06211
Lat/Long 36° 26.3244'/-107° 19.9932'

PLUG AND ABANDONMENT PROCEDURE

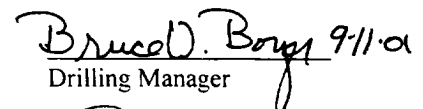
Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.
All cement will be ASTM Type II, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Install and/or test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Burlington safety rules and regulations. ND wellhead and NU BOP, test BOP.
2. TOH and tally 2-3/8" tubing, total 3059'. Visually inspect tubing, if necessary LD and PU workstring. Round-trip 4-1/2" gauge ring or casing scraper to 2998', or as deep as possible.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland tops, 2998' – 2630')**: Set a 4-1/2" wireline CIBP at 2998'. TIH with open-ended tubing and tag. Load casing with water and circulate the well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as necessary. Mix 33 sxs cement and spot a balanced plug inside casing above the CIBP to isolate the Pictured Cliffs perforations and to cover the Fruitland and Kirtland tops. PUH to 2550' and reverse circulate well clean. TOH with tubing.
4. **Plug #2 (Ojo Alamo top, 2520' - 2420')**: Perforate 3 HSC squeeze holes at 2520'. Establish rate into squeeze holes if casing tested. Set a 4-1/2" retainer at 2470'. Pressure test tubing to 1000#. Establish rate into squeeze holes. Mix and pump 51 sxs cement, squeeze 39 sxs outside 4-1/2" casing and leave 12 sxs inside casing. TOH with tubing.
5. **Plug #3 (Nacimiento top, 1400' - 1300')**: Perforate 3 HSC squeeze holes at 1400'. Establish rate into squeeze holes if casing tested. Set 4-1/2" retainer at 1350'. Establish rate into squeeze holes. Mix and pump 51 sxs cement, squeeze 39 sxs outside 4-1/2" casing and leave 12 sxs inside casing. TOH and LD tubing.
6. **Plug #4 (9-5/8" Surface casing, 245' - surface)**: Perforate 3 HSC squeeze holes at 245'. Establish circulation out bradenhead valve. Mix and pump approximately 100 sxs cement down 4-1/2" casing to 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:

 9-11-01
Operations Engineer

Approved:

 9-11-01
Drilling Manager

Operations Engineer

Brett Bradford
326-9577 (Office)
324-6906 (Pager)

Sundry Required: YES NO

Approved:

 9-12-01
Regulatory Approval

Production Foreman
Specialist:
Lease Operator:

Ward Arnold 326-9846 (Office)
Richard Lopez 320-6573 (Cell)
Ray Sandoval 320-2571 (Cell)

326-8303 (Pager)
326-8681 (Pager)
324-7401 (Pager)

Jicarilla 153 #2

Proposed P&A

AIN # 3594001

South Blanco Pictured Cliffs

SW, Section 35, T-26-N, R-5-W, Rio Arriba County, NM

API # 30-039-06211

Lat/Long 36 26.3244' -107 19.9932'

Today's Date: 09/07/01

Spud: 06/04/56

Completed: 7/10/56

Elevation: 6672' GL

12-1/4" hole

Nacimiento @ 1350'

Ojo Alamo @ 2520'

Kirtland @ 2680'

Fruitland @ 2755'

Pictured Cliffs @ 3060'

7-7/8" hole

TD 3120'

9-5/8" 32.3# J-55 Casing set @ 195'
Cmt w/125 sxs (Circulated to Surface)

Plug #4 245' – Surface
Cmt with 100 sxs

Plug #3 1400' – 1300'
Cmt with 51 sxs,
39 sxs outside casing
and 12 sxs inside.

Cmt Retainer @ 1350'

Perforate @ 1400'

Cmt Retainer @ 2470'

Perforate @ 2520'

TOC @ 2538' (Calc, 75%)

Plug #2 2520' – 2420'
Cement with 51 sxs,
39 sxs outside casing
and 12 sxs inside.

Plug #1 2998 – 2630'
Cmt with 33 sxs

Set CIBP @ 2998'

Pictured Cliffs Perforations:
3048' – 3100'

4-1/2" 9.5#, J-55 Casing set @ 3120'
Cement with 150 sxs (133 cf)