

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2004 SEP 3 PM 1 58

RECEIVED

070 FARMINGTON NM

5. Lease Number
NMSF-080670
6. If Indian, All. or
Tribe Name

2. Name of Operator

BURLINGTON

RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

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

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

1475' FSL, 950' FEL, Sec.29, T-27-N, R-4-W, NMPM

7. Unit Agreement Name

San Juan 27-4 Unit

8. Well Name & Number

San Juan 27-4 U #114

9. API Well No.

30-039-21006

10. Field and Pool

Tapacito Pictured Cliffs

11. County and State

Rio Arriba 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 and wellbore diagram.

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

Signed Nancy Oltenmanns Title Senior Staff Specialist Date 9/2/04

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date SEP 10 2004

CONDITION OF APPROVAL, if any:

San Juan 27-4 Unit #114 – Tapacito Pictured Cliffs

PLUG AND ABANDONMENT PROCEDURE

1475' FSL & 950' FEL

SE, Section 29, T027N, R04W

Latitude: N 36° 32.466, Longitude: W 107° 16.044

AIN: 4460801

9/1/2004

Note: All cement volumes use 100% excess outside casing and 50 foot excess inside casing. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.
All cement will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield.

1. Install and/or test rig anchors. Prepare and line blow pit. Comply with all BLM, NMOCD and Burlington safety rules and regulations. MO and RU daylight pulling unit. ND wellhead and NU BOP, test BOP. Tally and prepare at 1-1/4" workstring. Round-trip a 2-7/8" wireline gauge ring to 4025' or as deep as possible.
2. **Plug #1 (Pictured Cliffs perforations and Fruitland, Kirtland and Ojo Alamo tops, 4025' - 3450')**: RIH and set a wireline 2-7/8" CIBP at 4025'. TIH with tubing and tag CIBP. Load the casing with water and circulate the well clean. Pressure test casing to 1000#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 16 sxs Type III cement and spot a balanced plug inside the casing above CIBP to cover through the Ojo Alamo top. TOH with tubing.
3. **Plug #2 (Nacimiento top, ^{2410'}2662' – ^{2310'}2562')**: Perforate 3 bi-wire squeeze holes at ^{2410'}2662'. If the casing tested after plug #1, attempt to establish rate into squeeze holes. Mix 55 sxs Type III cement and pump down the 2-7/8" casing, squeeze 45 ss outside the casing and displace to 2200'. Shut in and WOC. Tag cement. If the casing does not test after plug #1, then set 2-7/8" wireline cement retainer at 2642'. TIH and sting into the CR, establish rate into squeeze holes. Mix and pump 49 sxs Type III cement, squeeze 45 sxs outside the casing and leave 4 sxs inside casing. TOH and LD tubing.
4. **Plug #3 (8-5/8" Surface casing, 175' - Surface)** Perforate 3 bi-wire squeeze holes at 175'. Establish circulation out the bradenhead with water. Mix and pump approximately 60 sxs Type III cement down 2-7/8" casing to circulate good cement out the bradenhead. Shut well in and WOC.
5. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

Recommended:


Operations Engineer

Approved:


Drilling Manager

Sundry Required:



Approved:


Regulatory

Operations Engineer: Julian Carrillo
Foreman: Darren Randall
Lease Operator: Dale McInnes
Specialist: Richard Lopez

Office: 599-4043 Cell: 320-0321
Office: 326-9808 Cell: 320-2618
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Cell: 320-9539 Pager: 326-8681

San Juan 27-4 Unit #114

Proposed P & A

Tapacito Pictured Cliffs / AIN #4460801

SE, Section 29, T-27-N, R-4-W, Rio Arriba County, NM
Long: N36° 32.466 / Lat: W 107° 16.044 / API #30-039-21006

Today's Date: 9/1/04
Spud: 7/21/76
Completed: 11/10/76
Elevation: 7227' GL
7240' KB

15-1/4" hole

8-5/8" 24#, Casing set @ 125'
Cement with 105 cf, Circ to surface.

Perforate @ 175'

Plug #3: 175' – Surface
Type III cement, 60 sxs

Nacimiento @ 2612'

Cmt Retainer @ 2612'

Perforate @ 2662'

Plug #2: 2662' – 2562'
Type III cement, 49 sxs,
45 sxs outside casing
and 4 sxs inside.

Ojo Alamo @ 3500'

TOC @ 3000' (T.S.)

Kirtland @ 3710'

Plug #1: 4025' – 3450'
Type III cement, 16 sxs

Fruitland @ 3885'

Set CIBP @ 4025'

Pictured Cliffs @ 4066'

Pictured Cliffs Perforations:
4075' – 4141'

7-7/8" hole

2-7/8" 6.4#, Casing set @ 4196'
Cement with 210 cf

TD 4196'
PBTD 4186'

San Juan 27-4 Unit #114

Current

Tapacito Pictured Cliffs / AIN #4460801

SE, Section 29, T-27-N, R-4-W, Rio Arriba County, NM
Long: N36° 32.466 / Lat: W 107° 16.044 / API #30-039-21006

Today's Date: 9/1/04
Spud: 7/21/76
Completed: 11/10/76
Elevation: 7227' GL
7240' KB

15-1/4" hole

8-5/8" 24#, Casing set @ 125'
Cement with 105 cf, Circ to surface.

Well History

Aug '98: Slick line Report: Ran 2-1/2" gauge ring and then 1-1/4" blind box, tag fill at 4070'. "Press at 70".

Nacimiento @ 2612'

TOC @ 3000' (T.S.)

Ojo Alamo @ 3500'

Kirtland @ 3710'

Fruitland @ 3885'

Pictured Cliffs @ 4066'

Pictured Cliffs Perforations:
4075' - 4141'

7-7/8" hole

2-7/8" 6.4#, Casing set @ 4196'
Cement with 210 cf

TD 4196'
PBTD 4186'