

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Sundry Notices and Reports on Wells

RECEIVED

2004 JUN -3 PM 2:10

5. Lease Number
NMSF0806706. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 27-4 Unit

8. Well Name & Number

9. San Juan 27-4 Unit #4
API Well No.

30-039-06845

10. Field and Pool

Blanco Mesaverde

11. County and State

Rio Arriba Co, NM

1. Type of Well
GAS

2. Name of Operator

BURLINGTON

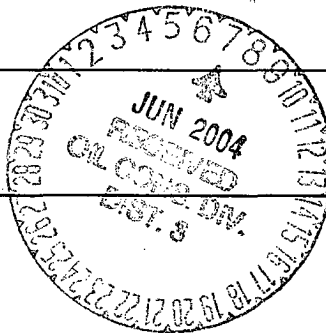
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

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

4. Location of Well, Footage, Sec., T, R, M
Sec., T--N, R--W, NMPM

Unit A (NENE) 822' FNL & 1090' FEL, Sec. 31, T27N, R4W

**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☐ 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**

Plans are to plug and abandon the subject well per the attached procedure and wellbore diagram.

14. I hereby certify that the foregoing is true and correct.Signed Patsy Clugston Patsy Clugston Title Sr. Regulatory Specialist Date 6/3/04

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date JUN 04 2004
CONDITION OF APPROVAL, if any:

NMOCD

San Juan 27- 4 Unit #4 – Mesaverde

PLUG AND ABANDONMENT PROCEDURE

822' FNL & 1090' FEL

NE, Section 31, T027N, R004W

Latitude: N 36° 32.046", Longitude: W 107° 17.154

AIN: 4950601

6/2/2004

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.
2. TOH and tally 2-3/8" EUE tubing, total 5935'. Visually inspect tubing and if necessary use a workstring. Round-trip 7" gauge ring or casing scraper to 5250'.
3. **Plug #1 (Mesaverde open hole interval, 5235' - 5185')**: TIH and set a 7" cement retainer at 5235'. Load the casing with water and circulate well clean. Pressure test 7" casing to 1000#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix and pump 17 sxs Type III cement inside casing above CR to isolate the Mesaverde interval. PUH to 3720'.
- *Chacra plug 4256' - 4156'*
4. **Plug #2 (Pictured Cliffs top, 3720' – 3620')**: Mix 26 sxs Type III cement and spot a balanced plug inside casing to cover the Pictured Cliffs top. TOH with tubing.
5. **Plug #3 (Fruitland top, 3500' – 3400')**: Perforate 3 squeeze holes at 3500'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 7" cement retainer at 3450'. Establish rate into squeeze holes. Mix and pump 49 sxs Type III cement, squeeze 23 sxs outside the casing and leave 26 sxs inside casing. PUH to 3380' and reverse clean. TOH with tubing.
6. **Plug #4 (Kirtland and Ojo Alamo tops, 3360' – 3050')**: Perforate 3 squeeze holes at 3360'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 7" cement retainer at 3310'. Establish rate into squeeze holes. Mix and pump 133 sxs Type III cement, squeeze 71 sxs outside the casing and leave 62 sxs inside casing. TOH with tubing.
- 2030' 1930' 2030'
7. **Plug #5 (Nacimiento top, 2260' – 2160')**: Perforate 3 squeeze holes at 2260'. Attempt to establish rate into squeeze holes if the casing pressure tested. Set 7" cement retainer at 2210'. Establish rate into squeeze holes. Mix and pump 49 sxs Type III cement, squeeze 23 sxs outside the casing and leave 26 sxs inside casing. TOH and LD tubing.
8. **Plug #6 (9-5/8" Surface casing, 252' - Surface)**: Perforate 3 squeeze holes at 252'. Establish circulation out the bradenhead valve with water. Mix and pump approximately 100 sxs Type III cement down the 7" casing to circulate good cement out bradenhead valve. Shut well in and WOC.
9. 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:

Julian Carrillo
Operations Engineer

Approved:

John Ehrlich
Drilling Manager

Sundry Required: YES

Approved: _____

Regulatory

Operations Engineer: Julian Carrillo
Foreman: Ward Arnold
Lease Operator: Dale McInnes
Specialist: Richard Lopez

Office: 599-4043 Cell: 320-0321
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Cell: 320-1101 Pager: 949-1169
Cell: 320-9539 Pager: 326-8681

San Juan 27-4 Unit #4

Proposed P&A

Blanco Mesaverde / AIN 4950601

NE, Section 31, T-27-N, R-4-W, Rio Arriba County, NM

Long: N 36° 32.046 / Lat: W 107° 17.154 / API #30-039-06845

Today's Date: 5/18/04

Spud: 10/20/53

Completed: 11/13/53

Elevation: 6883' GL

13-3/4" hole

Nacimiento @ 2210'

Ojo Alamo @ 3100'

Kirtland @ 3310'

Fruitland @ 3450'

Pictured Cliffs @ 3670'

Mesaverde @ 5270'

8-3/4" hole

6-1/4" Hole

TD 5960'

9-5/8" 25.4# Casing set @ 172'

Cement with 125 sxs, Circ to surface.

Perforate @ 252'

Plug #6: 252' – Surface
Type III cement, 100 sxs

Cmt Retainer @ 2210'

Plug #5: 2260' – 2160'
Type III cement, 49 sxs:
23 sxs outside casing
and 26 sxs inside.

Perforate @ 2260'

Cmt Retainer @ 3310'

Plug #4: 3360' – 3050'
Type III cement, 133 sxs:
71 sxs outside casing
and 62sxs inside.

Perforate @ 3360'

Cmt Retainer @ 3450'

Plug #3: 3500' – 3400'
Type III cement, 49 sxs:
23 sxs outside casing
and 26 sxs inside.

Perforate @ 3500'

TOC @ 3540' (T.S.)

Plug #2: 3720' – 3620'
Type III cement, 26 sxs

Set Cmt Retainer @ 5235'

Plug #1: 5235' – 5185'
Type III cement, 17 sxs

7" 23# & 20#, Casing set @ 5285'
Cement with 500 sxs

Mesaverde Open Hole Interval:
5362' – 5960'

San Juan 27-4 Unit #4

Current

Blanco Mesaverde / AIN 4950601

NE, Section 31, T-27-N, R-4-W, Rio Arriba County, NM

Long: N 36° 32.046' Lat: W 107° 17.154' / API #30-039-06845

Today's Date: 5/18/04

Spud: 10/20/53

Completed: 11/13/53

Elevation: 6883' GL

13-3/4" hole

9-5/8" 25.4# Casing set @ 172'
Cement with 125 sxs, Circ to surface.

Well History

No workovers of record

Nacimiento @ 2210'

Ojo Alamo @ 3100'

Kirtland @ 3310'

Fruitland @ 3450'

2-3/8" Tubing set at 5935'

Pictured Cliffs @ 3670'

TOC @ 3540' (T.S.)

Mesaverde @ 5270'

8-3/4" hole

7" 23# & 20#, Casing set @ 5285'
Cement with 500 sxs

Mesaverde Open Hole Interval:
5362' - 5960'

6-1/4" Hole

TD 5960'