

submitted in lieu of Form 3160-5

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

1650' FNL, 990' FEL, Sec. 12, T-31-N, R-10-W, NMPM

H

5. Lease Number
SF-078389A

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

San Juan 32-9 Unit
8. Well Name & Number

San Juan 32-9 U #4

9. API Well No.
30-045-10930

10. Field and Pool
Blanco Pictured Cliffs/
Blanco Mesaverde

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

☐ 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.

RECEIVED
DEC - 9 1996

OIL CON. DIV.
DIST. 3

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

Signed *John D. Spauld* (VGW5) Title Regulatory Administrator Date 11/20/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

Date **APPROVED**

DEC 04 1996

DISTRICT MANAGER

/S/ Duane W. Spencer

NMOCD

PLUG & ABANDONMENT PROCEDURE

11-11-96

San Juan 32-9 Unit #4
Blanco Mesaverde/Pictured Cliffs
1650' FNL, 990' FEL
NE Section 12, T-31-N, R-10-W
San Juan Co., NM

Note: All cement volumes use 100% excess outside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and Burlington's regulations. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP, test.
2. POH and tally 2-3/8" EUE tubing (110 joints at 3426'), visually inspect. If necessary PU 2" workstring. PU and round-trip 7" casing scraper or gauge ring to 3350'.
4. **Plug #1 (Pictured Cliffs perforations, top and Fruitland top, 3350' - 2953'):** PU 7" wireline set bridge plug and RIH; set at 3350'. RIH with open ended tubing to 3350'. Load casing with water and pressure test to 500#. Mix 84 sxs Class B cement and spot a balanced plug inside casing above the bridge plug to 2953'. POH with tubing.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 1954' - 1755'):** Perforate 3 squeeze holes at 1954'. If casing tested then establish rate into squeeze holes. PU 7" cement retainer and RIH; set at 1855'. Pressure test tubing to 1000#. Establish rate into squeeze holes. Mix 98 sxs Class B cement, squeeze 51 sxs cement outside 7" casing and leave 47 sxs cement inside casing over Ojo Alamo top. POH and LD tubing.
6. **Plug #3 (Nacimiento top, 615' - Surface):** Perforate 3 squeeze holes at 615'. Establish circulation out bradenhead valve. Mix approximately 198 sxs Class B cement and pump down 7" casing, circulate good cement out bradenhead valve.

If unable to establish circulation out bradenhead, then set in/out plug from 615' to 515' with 63 sxs Class B cement; 37 sxs inside and 26 sxs outside. If casing does not test, then use 7" cement retainer at 565' and 54 sxs cement. POH and LD tubing. Perforate 3 holes at 225' and establish circulation out bradenhead. Pump approximately 80 sxs cement, circulate good cement to surface. Shut in well and WOC.
7. ND BOP and cut below surface casing. Install P&A marker with cement to comply with regulations. RD, Move off location, cut off anchors, and restore location.

Recommended:


Operations Engineer

Approval:


Drilling Superintendent

San Juan 32-9 Unit #4

Proposed P & A

DP #69839B

Blanco Pictured Cliffs

NE, Section 12, T-31-N, R-10-W, San Juan County, NM

Spud: 6/1/53

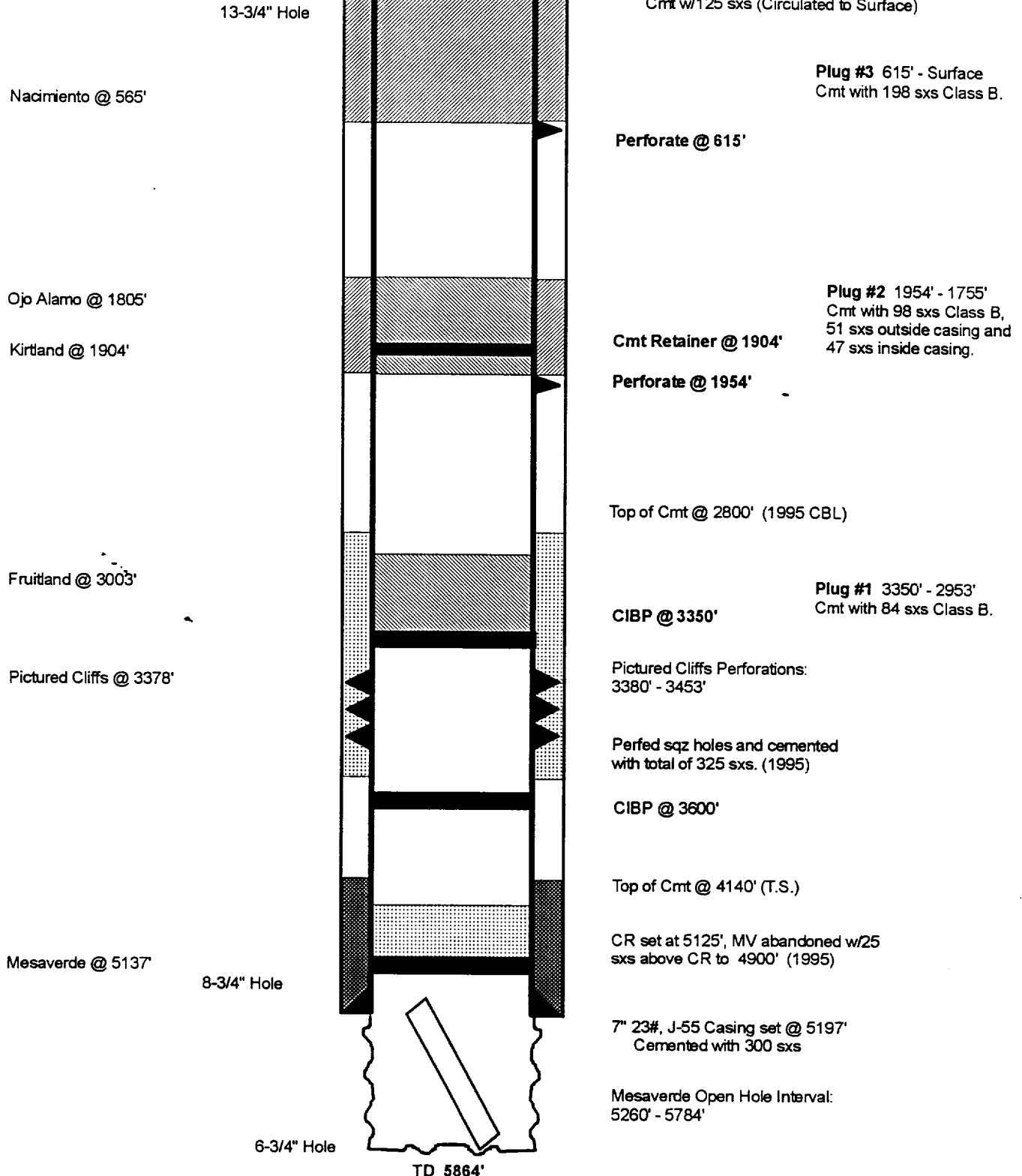
Completed: 7/10/53

Re-Completed: 2/23/95

Elev: 6542' GR, 6552' KB

Logs: IES, GRN, Temp. Survey

Workover: Feb '95



San Juan 32-9 Unit #4

Current -- 11-15-96

DP #69839B

Blanco Pictured Cliffs

NE, Section 12, T-31-N, R-10-W, San Juan County, NM

Spud: 6/1/53

Completed: 7/10/53

Re-Completed: 2/23/95

Elev: 6542' GR, 6552' KB

Logs: IES, GRN, Temp. Survey

Workover: Feb '95

Nacimiento @ 565'

Ojo Alamo @ 1805'

Kirtland @ 1904'

Fruitland @ 3003'

Pictured Cliffs @ 3378'

Mesaverde @ 5137'

13-3/4" Hole

8-3/4" Hole

6-3/4" Hole

TD 5864'

9-5/8" 25.4#, SW Csg set @ 175'
Cmt w/125 sxs (Circulated to Surface)

WORKOVER HISTORY

Feb '95: POH tbg, parted; jet cut tbg 5150', left 560' on bottom; set CR at 5125'; unable to pump below, spot 25 sxs above to 4900'; set CIBP at 3600'; ran CBL, no cmt over PC; perf sqz holes at 3200' & 3580'; total of 325 sxs cement; perf PC zone and frac under packer; clean out well and land tbg.

110 jts 2-3/8" 4.7# J-55 Tubing @ 3426'

Top of Cmt @ 2800' (1995 CBL)

Pictured Cliffs Perforations:
3380' - 3453'

Perfed sqz holes and cemented
with total of 325 sxs. (1995)

CIBP @ 3600'

Top of Cmt @ 4140' (T.S.)

CR set at 5125', MV abandoned w/25
sxs above CR to 4900' (1995)

7" 23#, J-55 Casing set @ 5197'
Cemented with 300 sxs

Mesaverde Open Hole Interval:
5260' - 5784'