

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

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

1190' FNL, 990' FWL, Sec. 2, T-24-N, R-7-W, NMPM, Rio Arriba County

API # (assigned by OCD)
30-039-05666

5. Lease Number

6. State Oil & Gas Lease #
E-809-13

7. Lease Name/Unit Name

Canyon Largo Unit

8. Well No.
88

9. Pool Name or Wildcat
Ballard Pict. Cliffs

10. Elevation:

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
OCT - 1 1997

OIL CON. DIV.
DIST. 3

SIGNATURE *Johnny Robinson* (KM3) Regulatory Administrator September 30, 1997

(This space for State Use)

Approved by *Johnny Robinson* Title DEPUTY OIL & GAS INSPECTOR, DIST. #3 Date OCT - 1 1997

* As noted on procedure

NOTIFY AZTEC OCD
IN TIME TO WITNESS *P+1A*

PLUG & ABANDONMENT PROCEDURE

9-25-97

Canyon Largo #88

Pictured Cliffs

DPNO 51270A

1190' FNL and 990' FWL / NW, Section 2, T-24-N, R-7-W
Rio Arriba Co., New Mexico

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/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. Conduct safety meeting for all personnel on location. NU relief line to blow well down; kill with water as necessary. ND wellhead and NU BOP and stripping head; test BOP.
3. POH and tally 1-1/4" tubing (2511'), if necessary LD 1-1/4" and PU tubing workstring. Round-trip 5-1/2" gauge ring or casing scraper to 2416'.
4. **Plug #1 (Pictured Cliffs perforations, Fruitland and Kirtland tops, 2416' - 1910')**: RIH with 5-1/2" wireline CIBP and set at 2416'. RIH with open ended tubing and tag CIBP. Load casing with water and circulate clean. Pressure test casing to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix 59 sxs Class B cement (no excess) and spot a balanced plug inside casing above the bridge plug to isolate Pictured Cliffs perforations and to cover the Fruitland and Kirtland tops. POH to 1880' and reverse circulate casing clean. Pressure test casing if necessary. POH with tubing.
5. **Plug #2 (Ojo Alamo top, 1865' to 1765')**: Perforate 3 squeeze holes at 1865'. Attempt to establish rate into squeeze holes, if casing leaks before perforating then set a CR at 1815'. If able to pump into squeeze holes then, mix and pump 47 sxs Class B cement, squeeze 29 sxs outside casing and leave 18 sxs inside casing. POH and LD tubing. If unable to pump into squeeze holes at 1865', then set an inside plug from top of plug #1 to 1765' or 100' plug above the cement retainer.
6. **Plug #3 (8-5/8" Casing shoe at 99')**: Perforate 2 squeeze holes at ^{530' to Ojo Alamo} ~~149'~~ ^{Nacimiento}. Establish circulation out bradenhead valve. Mix and pump approximately 54 sxs Class B cement down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well 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:

[Signature]
Operations Engineer

9/29/97

Approval: _____

Canyon Largo #88

Proposed P&A

DPNO 51270A

Pictured Cliffs

NW Section 2, T-24-N, R-7-W, Rio Arriba County, NM

Long / Lat

Today's Date: 9/25/97

Spud: 2/15/59

Completed: 2/24/59

Elevation: 6891' GL

6899' KB

Logs: IES, ML, C-GR

Workovers: None

12-1/4" hole

8-5/8" 24# Csg set @ 99'
70 sxs (Circulated to Surface)

Perforate at 149'

Plug #3 149' - Surface
Cmt with 54 sxs Class B.

Plug #2 1865' - 1765'
Cmt with 47 sxs Class B,
29 sxs outside casing
and 18 sxs inside.

Cement Rt at 1815'

TOC @ 1837' (Calc, 75%)

Perforate at 1865'

Plug #1 2416' - 1910'
Cmt with 59 sxs Class B,
no excess, reverse
circulate clean at 1880'.

CIBP Set at 2416'

Pictured Cliffs Perforations:
2466' - 2482'
2519' - 2531'

Ojo Alamo @ 1815'

Kirtland @ 1960'

Fruitland @ 2230'

Pictured Cliffs @ 2466'

PBTD 2545'

7-7/8" hole

TD 2574'

5-1/2" 14#, J55 Casing set @ 2573'
Cmt with 125 sxs (170 cf)