

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

990' FEL, 990' FSL, Sec. 34, T-27-N, R-9-W, NMMP

5. Lease Number
SF-078135

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name
Huerfanito Unit

8. Well Name & Number
Huerfanito Unit #28

9. API Well No.
30-045-06102

10. Field and Pool
Ballard PC

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. The deadline to submit this procedure is 8/31/2001.

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2001 AUG 31 11 24 9:44
C70 F2001



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

Signed Tammy Wimsatt Title Regulatory Supervisor Date 8/30/01
TLW

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date 9/18/01

CONDITION OF APPROVAL, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

Huerfanito Unit #28
AIN #4943201
Ballard Pictured Cliffs
990' FSL and 990' FEL, Section 34, T27N, R9W
San Juan County, New Mexico, API #30-045-06102
Lat/Long: 36° 31.6248' / -107° 46.1922'

PLUG AND ABANDONMENT PROCEDURE

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. 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 70 joints 1-1/2" tubing (may be 1-1/4" tubing), total 2257'. Visually inspect tubing, if necessary LD and PU workstring. Round-trip 3-1/2" gauge ring or casing scraper to 2153'.
3. **Plug #1 (Pictured Cliffs perforations and Fruitland top, 2153' – 1970'):** Set a 3-1/2" wireline CIBP at 2153'. TIH with open ended tubing and tag CIBP. Load casing with water and circulate well clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as necessary. Mix 10 sxs cement and spot a balanced plug inside casing above the CIBP to isolate the PC perforations and cover the Fruitland top. TOH.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 1555' – 1175'):** Perforate 4 bi-wire squeeze holes through both the 3-1/2" and 5-1/2" casings at 1555'. Establish rate into squeeze holes if the casing tested. Mix 130 sxs cement and pump down the 3-1/2" casing, squeeze 112 sxs cement outside 5-1/2" casing into open-hole annulus and leave 18 sxs cement inside 3-1/2" casing to cover the Kirtland and Ojo Alamo tops, displace to 1000'. If the casing leaks after plug #1, then set a wireline CR at 1455 for the plug, then TOH and LD tubing.
5. **Plug #3 (8-5/8" surface casing, 150' - Surface):** Perforate 3 bi-wire holes at 150'. Establish circulation out the bradenhead. Mix and pump approximately 55 sxs cement down the 3-1/2" casing, circulate good cement out the bradenhead. Shut in well and WOC.
6. 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:


Operations Engineer

Approved:

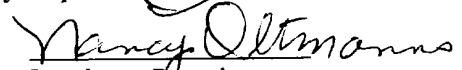
 8-29-01
Drilling Manager

Joe Michetti

Office - (326-9764)
Pager - (564-7187)

Sundry Required: **YES NO**

Approved:


Regulatory Procedure
due to BLM 8/31/01

Lease Operator: Kenny Culbertson
Specialist: Johnny Cole
Foreman: Darren Randall

Cell: 320-2545 Pager: 326-8911
Cell: 320-2521 Pager: 326-8349
Cell: 320-2618 Pager: 324-7335

JM/jks

Huerfanito Unit #28

Current

AIN #4943201

Ballard Pictured Cliffs

SE, Section 34, T-27-N, R-9-W, San Juan County, NM

API # 30-045-06102

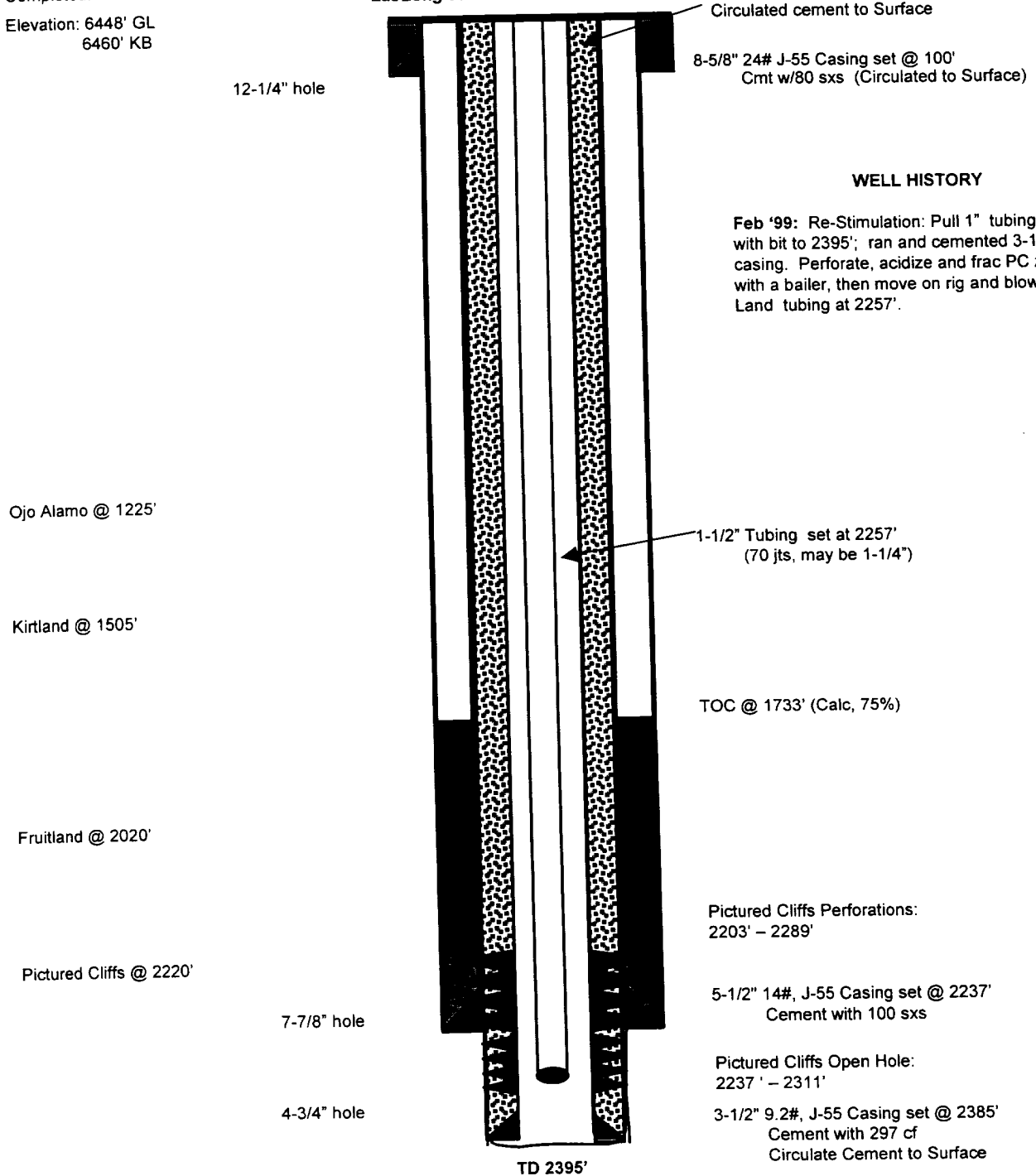
Lat/Long 36 31.6248°/-107 46.1922°

Today's Date: 08/28/01

Spud: 8/20/55

Completed: 11/26/55

Elevation: 6448' GL
6460' KB



Huerfanito Unit #28

Proposed P&A

AIN #4943201

Ballard Pictured Cliffs

SE, Section 34, T-27-N, R-9-W, San Juan County, NM

API # 30-045-06102

Lat/Long 36 31.6248'/-107 46.1922'

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6460' KB

12-1/4" hole

Ojo Alamo @ 1225'

Kirtland @ 1505'

Fruitland @ 2020'

Pictured Cliffs @ 2220'

7-7/8" hole

4-3/4" hole

TD 2395'

Circulated cement to Surface

8-5/8" 24# J-55 Casing set @ 100'
Cmt w/80 sxs (Circulated to Surface)

Perforate @ 150'

Plug #3 150' – Surface
Cement with 55 sxs

Plug #2 1555' – 1175'
Cement with 130 sxs,
112 outside casing
and 18 inside.

Perforate @ 1555'

TOC @ 1733' (Calc, 75%)

Plug #1 2153' – 1970'
CIBP set @2153'
Cement with 10 sxs

Pictured Cliffs Perforations:
2203' – 2289'

5-1/2" 14#, J-55 Casing set @ 2237'
Cement with 100 sxs

Pictured Cliffs Open Hole:
2237' – 2311'

3-1/2" 9.2#, J-55 Casing set @ 2385'
Cement with 297 cf
Circulate Cement to Surface