

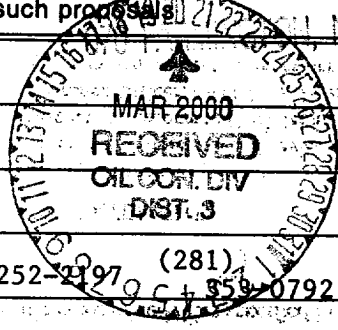
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.

**SUBMIT IN TRIPLICATE**



1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
**CONOCO, INC.**

3. Address and Telephone No.  
**P.O. Box 2197 DU 3066 Houston, TX 77252-2197 (281) 359-0792**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**C Sec. 6, T29N, R10W, 850' FNL & 1850' FWL**

5. Lease Designation and Serial No.  
**SF 078194**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.  
**Ludwick LS #24**

9. API Well No.  
**30-045411779**

10. Field and Pool, or Exploratory Area  
**Aztacop. CC. 712809**

11. County or Parish, State  
**San Juan, NM**

**12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Conoco proposes to P&A this well using the attached procedure with schematics.

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

Signed *Deborah Moore* Title Regulatory Analyst Date 12/22/99

(This space for Federal or State office use)

Approved by */s/ Charlie Beecham* Title \_\_\_\_\_ Date MAR 15 2000

Conditions 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.

\*See Instruction on Reverse Side

**PLUG AND ABANDONMENT PROCEDURE**

12-15-99

**Ludwick LS #24**  
**Aztec Pictured Cliffs**  
**850' FNL, 1850' FWL, Section 6, T29N, R10W**  
**San Juan County, New Mexico**

**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.**

- 1. Prepare blow pit. Comply with all NMOCD, BLM, and Conoco safety regulations. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and install BOP, test.**
- 2. Tally and prepare a 1-1/4" tubing workstring. Round trip a 2-7/8" wireline gauge ring to 2301'.**
- 3. Plug #1 (Pictured Cliffs perforations, Fruitland and Kirtland tops, 2301' - 1160'): Set a 2-7/8" wireline CIBP at 2301'. TIH with open ended tubing and tag CIBP. Load well with water and circulate clean. Pressure test casing to 500#. If casing does not test, then spot or tag subsequent plugs as appropriate. Mix 32 sxs Class B cement (two 16 sx stages) and spot a balanced plug in the 2-7/8" casing to isolate the PC perforations. PUH to 1120' and reverse circulate casing clean. TOH with tubing.**
- 4. Plug #2 (Ojo Alamo top, 1105' - 1005'): Perforate 3 bi-wire squeeze holes at 1105'. Establish rate into squeeze holes if casing tested. Mix 34 sxs Class B cement and pump down the 2-7/8" casing, squeeze 28 sxs cement outside casing and leave 6 sxs cement inside to cover Ojo Alamo top, displace to 900'. WOC and then tag cement. If casing leaks after plug #1, then use a wireline set retainer at 1055' for this plug.**
- 5. Plug #3 (8-5/8" Casing Shoe, 189' - Surface): Perforate 2 bi-wire squeeze holes at 189'. Establish circulation out bradenhead valve with water. Mix and pump approximately 50 sxs Class B cement down 2-7/8" casing, circulate good cement to surface. Shut in well and WOC.**
- 6. ND BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.**

# Ludwick LS #24

## Proposed P&A

Aztec Pictured Cliffs

NW, Section 6, T-29-N, R-10-W, San Juan County, NM

Longitude: / Latitude:

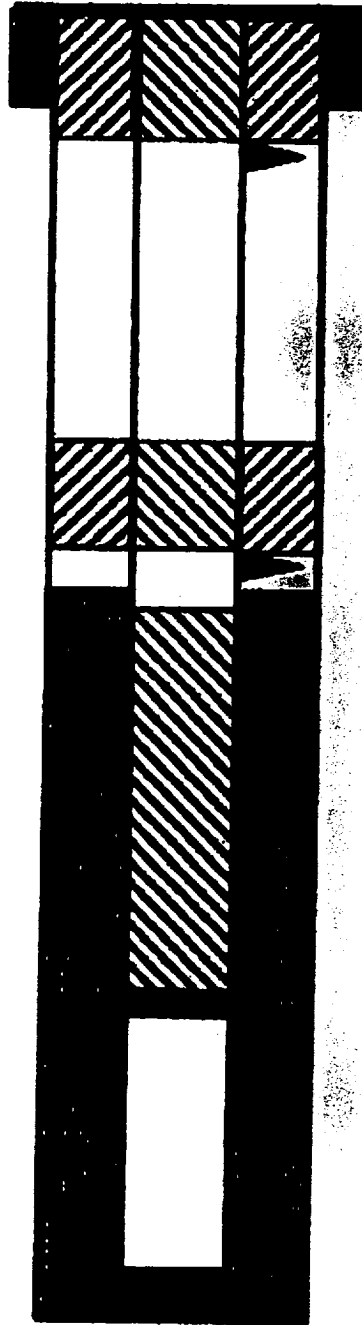
Today's Date: 12/14/99

Spud: 7/10/98

Completed: 8/10/98

Elevation: 5975' (GL)

12-1/4" hole



8-5/8" 24# J-55 Casing set @ 139'  
Cmt with 85 sacs (Circulated to Surface)

Perforate @ 189'

Plug #3 189' - Surface  
Cmt with 50 sacs Class B

Plug #2 1105' - 1005'  
Cmt with 34 sacs Class B,  
28 sacs outside casing  
and 6 sacs inside.

Perforate @ 1105'

TOC @ 1150' (T.S.)

Plug #1 2301' - 1160'  
Cmt with 32 sacs Class B,  
(two 16 sacs stages),  
reverse clean at 1120'.

Set CIBP at 2301'

Pictured Cliffs Perforations  
2351' - 2408'

Ojo Alamo @ 1055'

Kirtland @ 1200'

Fruitland @ 1742'

Pictured Cliffs @ 2345'

6-1/4" hole

2-7/8" 8.4#, J-55 Casing set @ 2467'  
Cemented with 235 sacs

TD 2467'