

Form 3160-5  
(June 1990)

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  
Texaco E&P Inc.

3. Address and Telephone No.  
P.O. Box 3109 Midland Texas 79702

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit B, 660' FNL & 1980' FEL Sec. 21, T-25-5, R-32E

5. Lease Designation and Serial No.  
LC 061869

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

Unit B

8. Well Name and No.  
Cotton Draw Unit 7

9. API Well No.  
30-025-08215

10. Field and Pool, or Exploratory Area  
Paduca Dele ware

11. County or Parish, State

LEA

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

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

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  
☐ 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.)\*

- 1) Notify BLM prior to plugging & abandonment of well.
- 2) TIH w/Tub to @ 4515' Tag cmt. load csg w/25#perbbl. salt gel mud
- 3) POOH to 4385' Spot 25sx cmt plug f/ 4385'-4285' (base salt 4335) - PERF CSG AT 1170'.
- 4) POOH to 1172' Spot 25sx cmt plug f/1172'-1072' (Top of SAH 1122') - TAG PLUG.
- 5) POOH to 775' Spot 25sx cmt plug f/775'-675' (Top of Russler 725)
- 6) POOH to 450' spot @50sx cmt plug f/450'-surface. (fresh H2O & CSG shoe)
- 7) Nipple down BOP & cut off well head; cap well & install dry hole marker.  
Clean up location & move off.

RECEIVED  
APR 12 12 10 PM '95  
CARLOS ALVARO  
AREA ENGINEER

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

Signed R. J. Hand  
(This space for Federal or State office use)

Title OPERATIONS ENGINEER

Date 4/10/95

Approved by Orig. Signed by Adnan Salameh  
Conditions of approval, if any:

Title Petroleum Engineer

Date 4/28/95

- SEE ATTACHED -

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

**BUREAU OF LAND MANAGEMENT**  
**CARLSBAD RESOURCE AREA**

**Permanent Abandonment of Wells on Federal Lands**

**Conditions of Approval**

1. **Approval:** Plugging operations shall commence within 90 days from the approval date of plugging procedure.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Eddy County call (505)887-6544 ; for wells in Lea County call (505) 393-3612.

3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,898 feet; a 3M system for a well not deeper than 13,636 feet ; and a 5M system for a well not deeper than 22,727 feet.

4. **Mud Requirements:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks ( 50 pounds each ) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. **Cement Requirements:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either class "C" , for up to 7,500 feet of depth, mixed at 14.8 lbs./gal. with 6.3 gallons of fresh water per sack or class "H" , for deeper than 7,500 feet plugs, mixed at 16.4 lbs./gal. with 4.3 gallons of fresh water per sack.

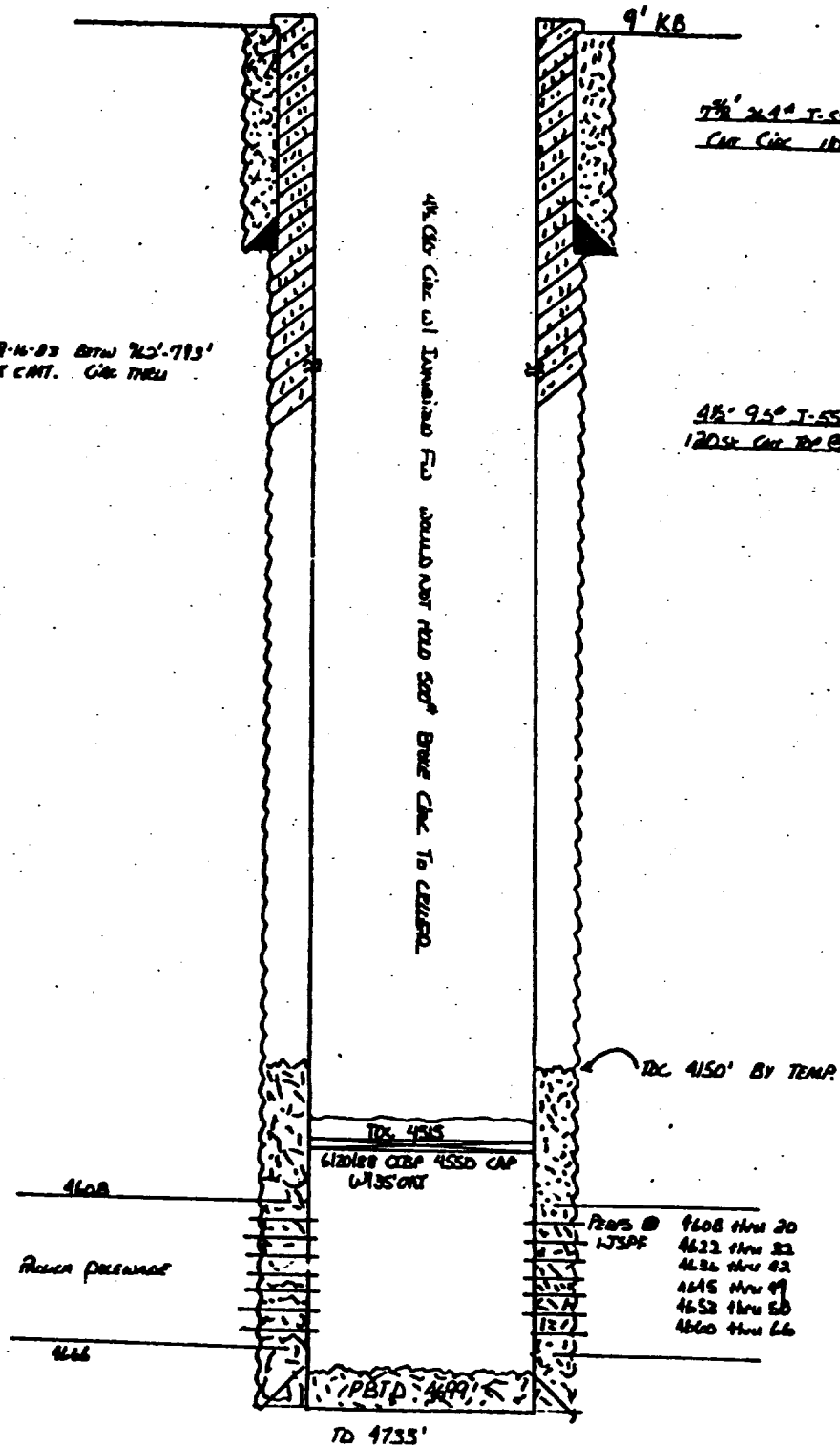
6. **Dry Hole Marker:** All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: Well name and number, the name of the operator, the lease serial number, the surveyed location (the quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer; such as acres and bounds).

7. **Subsequent Plugging Reporting:** Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

Following the submittal and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.

18: SEP 18, 1989  
 # of Core: 11 2

Core Log Bore 9-16-89 BTHW 725'-713'  
 SER. W/ 50 ST CMT. CMT THRU  
 BENCHMARK

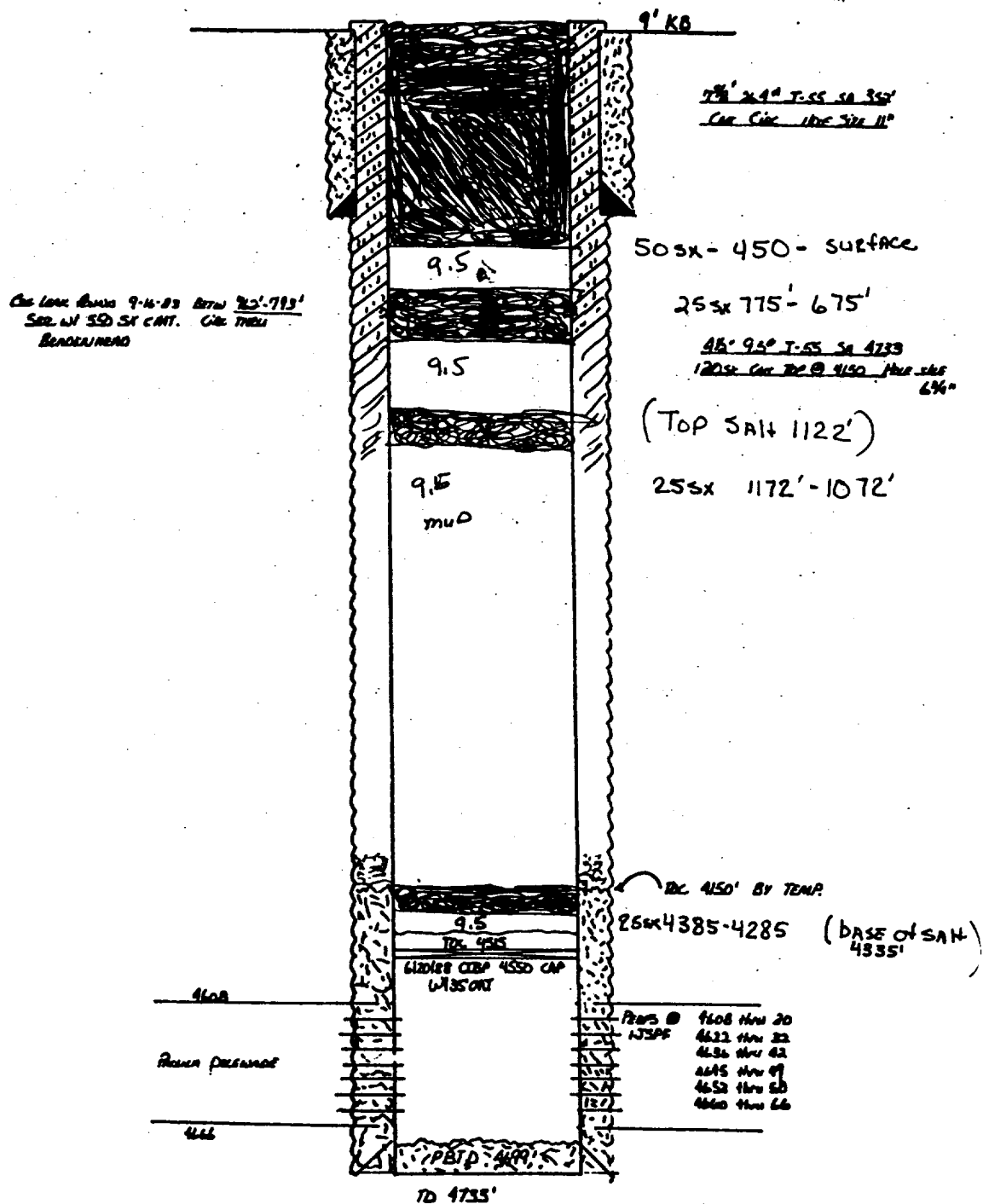


11/14 NEM SET 21 255 32E

10:  
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 \_\_\_\_\_

L.W. LEMMAN  
 715128

Top Salt 1122'  
Top Russian 725'  
Fresh H<sub>2</sub>O - 6400'



MC: Nov 14 Nov 14 507 21 255 32E

*1. Two:*

L.W. LEHMAN  
7/15/88