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
   [X] Oil Well [ ] Gas Well [ ] Other
2. Name of Operator: Conoco Inc. (915) 686-6540
3. Address and Telephone No.: 10 Desta Drive West Midland, TX 79705
4. Location of Well (Footage, Sec., T., R., M., or Survey Description): Unit I, 1980' FSL & 660' FEL, Sec. 25, T-20S, R-36E

5. Lease Designation and Serial No.: LC-032581B
6. If Indian, Allottee or Tribe Name:
7. If Unit or CA, Agreement Designation:
8. Well Name and No.: Shoes B-25 No. 3
9. API Well No.: 30-025-09809
10. Field and Pool, or Exploratory Area: Jalmat Yates 7 Rvrs. Trans.
11. County or Parish, State: Lea County, N. Mex.

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[X] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] 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.)*

We propose to plug and abandon the Shoes B-25 No. 3 according to the attached procedure.

RECEIVED
Nov 29 10 42 AM '90
CARLSBAD AREA OFFICE BUREAU OF LAND MANAGERS

14. I hereby certify that the foregoing is true and correct
Signed John Craig for Title Administrative Supervisor Date 11.28.90

(This space for Federal or State office use)

Approved by _____ Title _____ Date 12-4-90
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

AMOCO (1) ARCO (1) CHEVRON (1) FILE (1)

SHOLES B-25 NO. 3
PLUG AND ABANDON

Summary: The following procedure is recommended to permanently plug and abandon Sholes B-25 No. 3. The dimensions and strengths of the casing strings utilized in this wellbore are no longer standard. The Casing/Tubing specifications listed below are approximated to today's nearest standard string for slurry volume calculations.

1. Set CIBP @ 2830' and load hole with mud.
2. Spot 25 sack cement plug on top of CIBP.
3. Spot 40 sack cement plug across top of salt and intermediate casing shoe.
4. Perforate 5-1/2" casing @ 500'. Circulate 135 sacks of cement to set surface plug.
5. PUMP 25 SX CEMENT DOWN THE $12^{3}/_{4}$" - $10^{3}/_{4}$" ANNULUS.

Location: 1980' FSL & 660' FEL, Unit I, Sec. 25, T-25S, R-36E
Lea County, NM

Elevation: 3029' DF (8' AGL)

Completion: Jalmat Yates
TD: 3035' PBTD: 2918'
Perfs: 2881', 2890', 2899' w/2 JSPF.
2906'-13' w/4 JSPF.

Casing/Tubing Specifications:

O.D. (in)	Weight (lbs/ft)	Grade	Depth (ft)	Drift (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)	Capacity (ft^3/ft)
10-3/4	32.75	H-40	451	10.036	880	1820	.1009	.5665
8-5/8	32.0	H-40	1400	7.796	2210	2860	.0609	.3422
5-1/2	14.0	H-40	3034	4.887	2630	3110	.0244	.1370
2-7/8	6.5	N-80		2.347	11,160	10,570	.00579	.0325

10-3/4" casing set @ 451' with 300 sacks cement (TOC @ 395' by temp. survey).
8-5/8" casing set @ 1400' with 600 sacks cement circulated to surface.
5-1/2" casing set @ 3034' with 500 sacks cement (TOC @ 1715' by temp. survey).

Use safety factor of 70% for collapse and burst pressures.
Assume 2-7/8" workstring will be used.

Notes:
1. All cement slurry used in this procedure shall be Class "C" neat mixed @ 14.8 ppg.
2. All mud shall be 9.5 ppg with 25 lbs gel/bbl brine.
3. Notify BLM prior to commencing any work.

Recommended Procedure:

SAFETY: 1) **A TAILGATE SAFETY MEETING SHALL BE HELD PRIOR TO COMMENCING ANY WORK.**
2) **REVIEW VENDOR'S WELLSITE SAFETY PROCEDURES IN ADDITION TO CONOCO'S APPLICABLE SAFETY PROCEDURES.**

1. Prepare well for P&A:

   A. MIRU. Bleed well pressure down. Kill well with 9.5 ppg brine if needed.
   B. ND wellhead and NU BOP.
   C. PU and TIH w/4-3/4" bit, 5-1/2" casing scraper and workstring to 2860'. POOH.

2. Set CIBP and abandon Yates:

   A. GIH w/5-1/2" CIBP, setting tool and WS. Set CIBP at 2830'.
   B. MIRU cement services.

SAFETY: 1) **ALL LINES MUST BE PROPERLY STAKED.**
2) **KEEP A SAFE DISTANCE AWAY FROM ALL PRESSURIZED LINES.**

   C. Circulate hole with 70 bbls mud. Spot 25 sacks cement from 2830'-2590' and displace with 15 bbls mud.
   D. POOH laying down WS to 1450'.

3. Spot cement plug across top of salt and intermediate casing shoe:

   A. Load hole with 2 bbls mud.
   B. Spot 40 sacks cement from 1450'-1065' and displace with 6 bbls mud.
   C. POOH with WS. WOC. GIH and tag top of cement.
   D. POOH laying down WS.

4. Circulate cement up intermediate casing and set surface plug:

   A. MIRU wireline services.

SAFETY: **REVIEW AND FOLLOW NEW MIDLAND DIVISION PERFORATING GUIDELINES.**

1) **INSURE VENDOR HAS POSTED WARNING SIGNS AT ALL ENTRANCES TO LOCATION.**
2) **KEEP ALL UNNECESSARY PERSONNEL AWAY FROM PERFORATING GUNS.**
3) **A PACK-OFF IS REQUIRED FOR ALL LOGGING AND PERFORATING RUNS.**
4) **BE SURE TO TURN OFF RADIOS AND MOBILE TELEPHONES. GROUND WELLHEAD TO PERFORATING TRUCK.**

   B. RIH with a hollow steel carrier with circulation jets loaded 2 JSPF (0° phase, .4" EHD, decentralized) and CCL.
   C. Perforate 5-1/2" production casing @ 500'. POOH.
   D. GIH w/1 joint 2-7/8" tubing. Close BOP. Pump 20 bbls mud to load hole and establish circulation up 8-5/8" x 5-1/2" annulus.

E. Pump 135 sacks cement (16 sacks excess) to fill up 8-5/8" x 5-1/2" annulus and set surface plug in 5-1/2" casing.

Note: If cement does not circulate to surface, pump 25 sx down 8-5/8" X 5-1/2" annulus.

F. POOH with tubing. PUMP 25 SX CEMENT DOWN $12^{3}/_{4}$" - $10^{3}/_{4}$" ANNULUS.
G. RD wireline and cement services.

5. Prepare surface location for abandonment:

A. ND BOP and cut off all casing strings at the base of the cellar or 3' below the final restored ground level (whichever is deeper). RDMO pulling unit.
B. Fill the casing strings (if necessary) from the cement plug to surface with cement.
C. Cover the wellbore with a metal plate at least 1/4" thick, welded in place, or a cement cap extending radially at least 12" beyond the 10-3/4" casing and at least 4" thick.
D. Erect an abandonment marker according to the following specifications:

1. Marker must be at least 4" diameter pipe, 10' long with 4' above restored ground level, and embedded in cement.
2. Marker must be capped and inscribed with the following well information:

Sholes B-25 No. 3
Unit I, Sec. 25, T-25S, R-36E
Lea County, NM
Date

Note: 1/4" metal plate can be welded to marker and then to the casing after the marker is set in cement.

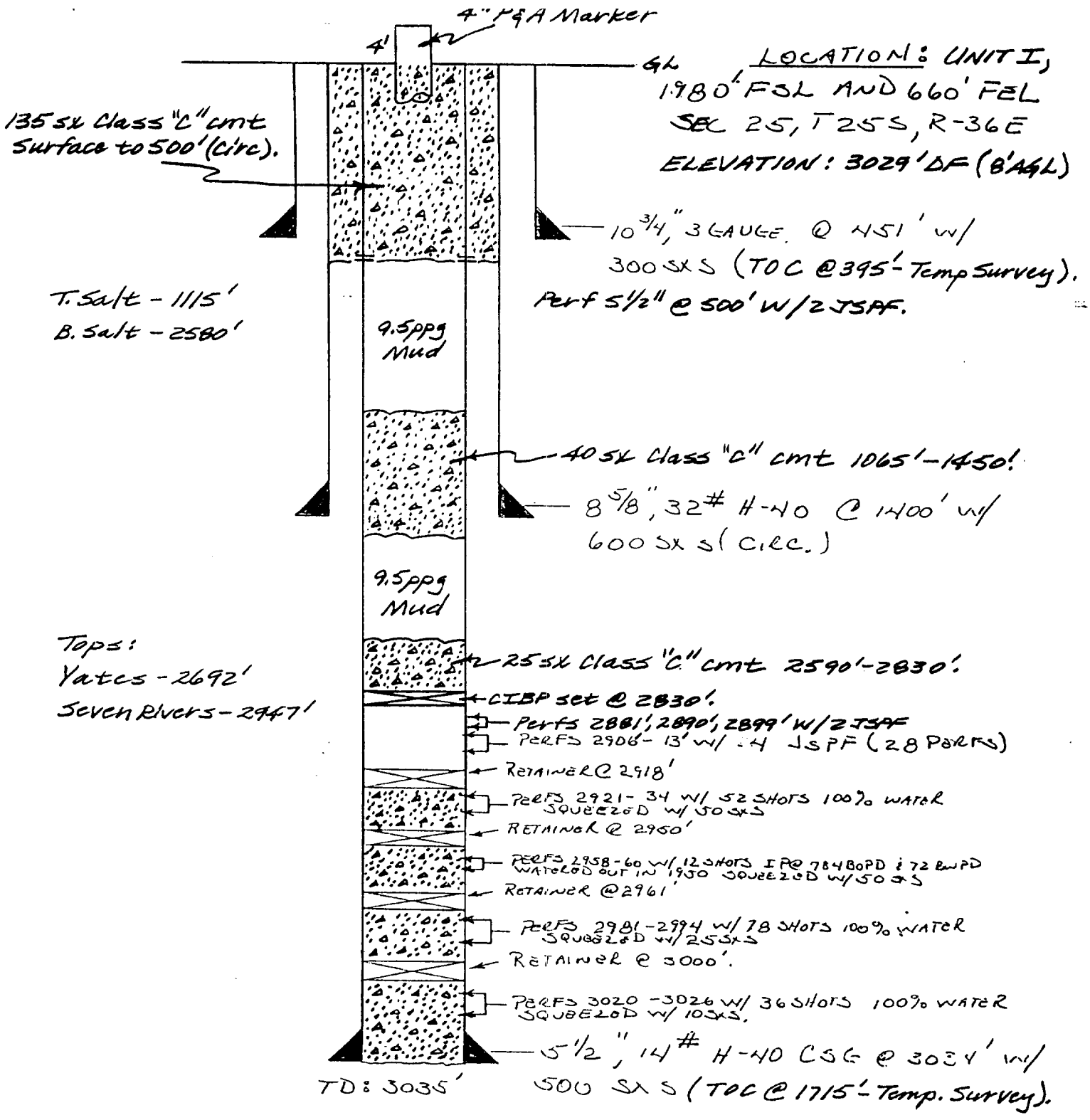
E. Cut off dead-man anchors below ground level and remove markers. Fill in cellar and workover pit.
F. Remove all equipment, concrete bases, and pipe not in use.
G. Clean and restore location to its natural state. Reseed according to BLM requirements.

6. Send a copy of the well service report and final P&A schematic to the Midland Office so the proper forms can be filed.

Approved:

Tom C. Acuddell Engineering Technician	10-22-90 Date
Mike Bryant Engineer	10-24-90 Date
J. L. Potts Supervising Production Engineer	10/24/90 Date
W. Bradbury Division Engineering Manager	11/13/90 Date
M. A. Killgore Production Superintendent	11-15-90 Date

TCA\tk\SB-25#3.PRO



TCA

9-28-90

SHOLES B-25 NO. 3

~ Proposed P&A ~

NMFU

JALMAT YATES

LEA COUNTY, NM.