

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

5. Lease Designation and Serial No.  
LC-032581B

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

**SUBMIT IN TRIPLICATE**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Conoco Inc. (915) 686-6540

3. Address and Telephone No.

10 Dosta Drive West Midland, TX 79705

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit B, 660' FNL + 1980' FEL,  
Sec. 25, T-25S, R-36E

8. Well Name and No.

Sholes B-25 No. 2

9. API Well No.

30-025-09808

10. Field and Pool, or Exploratory Area

Jalmat Yates 7 Rivers Transd.

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

- ☒ 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.)\*

We propose to plug and abandon the Sholes B-25 No. 2 according to the attached procedure.

RECEIVED  
NOV 29 10 40 AM '90  
BUREAU OF LAND MANAGEMENT  
ALBUQUERQUE, NEW MEXICO

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

Signed Josh Craig for Title Administrative Supervisor

Date 11.28.90

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any: \_\_\_\_\_

Title ADMINISTRATIVE SUPERVISOR

Date 12.4.90

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.

AMOKO (1) ARRO (1) CHURCH (1) \*See instruction on Reverse Side

**SHOLES B-25 NO. 2  
PLUG AND ABANDON**

**Summary:**

The following procedure is recommended to permanently plug and abandon Sholes B-25 No. 2. 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 cement retainer @ 2890' and pump 60 sacks of cement to fill 7" casing and open hole.
2. String out of cement retainer. Spot 50 sack cement plug on top of retainer and across base of salt.
3. Load hole with mud.
4. Perforate 7" casing @ 1140'. Spot 65 sack cement plug across top of salt and surface casing shoe.
5. Perforate 7" casing @ 300'. Circulate 105 sacks of cement to set surface plug.

**Location:**

660' FNL & 1980' FEL, Unit B, Sec. 25, T-25S, R-36E  
Lea County, NM

**Elevation:**

3090' DF (10' AGL)

**Completion:**

Jalmat Yates  
TD: 3375' PBD: 3043'  
Perfs: 2962'-68', 2974'-78', 2984'-86', 2996'-3000',  
3012'-18', 3022'-24' W/2 JSPF.

RBP set @ 3053' w/sand on top to 3043'. Open hole from 3061'-3087'.

**Casing/Tubing Specifications:**

| O.D.<br>(in.) | Weight<br>(lbs/ft) | Grade | Depth<br>(ft) | Drift<br>(in.) | Collapse<br>(psi) | Burst<br>(psi) | Capacity<br>(bbl/ft) | Capacity<br>(ft <sup>3</sup> /ft) |
|---------------|--------------------|-------|---------------|----------------|-------------------|----------------|----------------------|-----------------------------------|
| 9-5/8         | 32.30              | H-40  | 1136          | 8.845          | 1400              | 2270           | .0787                | .4418                             |
| 7             | 23                 | J-55  | 3061          | 6.241          | 3270              | 4360           | .0390                | .2189                             |
| 2-7/8         | 6.5                | N-80  |               | 2.347          | 11,160            | 10,570         | .00579               | .0325                             |

9-5/8" casing set @ 1136' with 425 sacks cement (est top of cmt at surface).  
7" casing set @ 3061' with 425 sacks cement.

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" w/2% CaCl<sub>2</sub> 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 WELL SITE SAFETY PROCEDURES IN ADDITION TO COMOCO'S APPLICABLE SAFETY PROCEDURES.

1. Prepare well for P&A:

- A. MURU. Bleed well pressure down. Screw on to standing valve. POOH laying down rods, pump plunger, and SV. Kill well with 9.5 ppg brine if needed.
- B. ND wellhead and NU BOP. POOH laying down 2-3/8" production tubing, pump barrel, and OPWA.
- C. PU and TIH w/6-1/8" bit, 7" casing scraper and workstring to 3043'. POOH.
- D. GIH w/retrieving head and WS to 3043'. Wash sand off top of RBP.
- E. Release RBP and POOH.

2. Set cement retainer and abandon Jalmat Yates:

- A. GIH w/7" cement retainer, setting tool and WS. Set retainer at 2890' (csg collars @ 2874' and 2904').
- B. MURU cement services.

**SAFETY:**

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

- C. Circulate hole with 110 bbls fresh water. Pump 60 sacks cement (19 sacks excess) through retainer. Maximum surface pressure is 1000 psi.
- D. String out of cement retainer and spot 50 sacks cement from 2890'-2590' and displace with 15 bbls fresh water.
- E. PU to 2590' and circulate hole with 100 bbls mud.
- F. POOH with WS.

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

- A. MURU 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 WELHEAD TO PERFORATING TRUCK.

- B. RIH with a 4" casing gun loaded 4 JSPF (120" phase, .4" EHD, centralized) and CCL.
- C. Perforate 7" production casing @ 1140'. POOH.

- D. G1H with MS to 1240'. Close BOP. Pump 45 bbls mud to load hole and establish circulation up 9-5/8" x 7" annulus.
- E. Pump 65 sacks cement to spot cement plug from 1240' to 1030' in and out of 7" casing. Displace cement with 6 bbls mud.
- F. POOH with MS. WOC. G1H and tag top of cement.
- G. POOH laying down MS.

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

- A. R1H with a hollow steel carrier with circulation jets loaded 2 JSPP (0" phase, 4" EHD, decentralized) and CCL.
- B. Perforate 7" production casing @ 300'. POOH.
- C. G1H w/1 joint 2-7/8" tubing. Close BOP. Pump 15 bbls mud to load hole and establish circulation up 9-5/8" x 7" annulus.
- D. Pump 105 sacks cement (16 sacks excess) to fill up 9-5/8" x 7" annulus and set surface plug in 7" casing.

Note: If cement does not circulate to surface, pump 40 sx down 9-5/8" x 7" annulus.

- E. POOH with tubing.
- F. 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). RMO 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 9-5/8" 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. 2  
Unit B, Sec. 25, T-25S, R-36E  
Lea County, NH  
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. Edwards  
Engineering Technician

10-22-90  
Date

Mike B. Mc  
Engineer

10-24-90  
Date

Mike B. Mc  
Supervising Production Engineer

10-24-90  
Date

Mike B. Mc  
District Engineering Manager

11-13-90  
Date

Mike B. Mc  
Production Superintendent

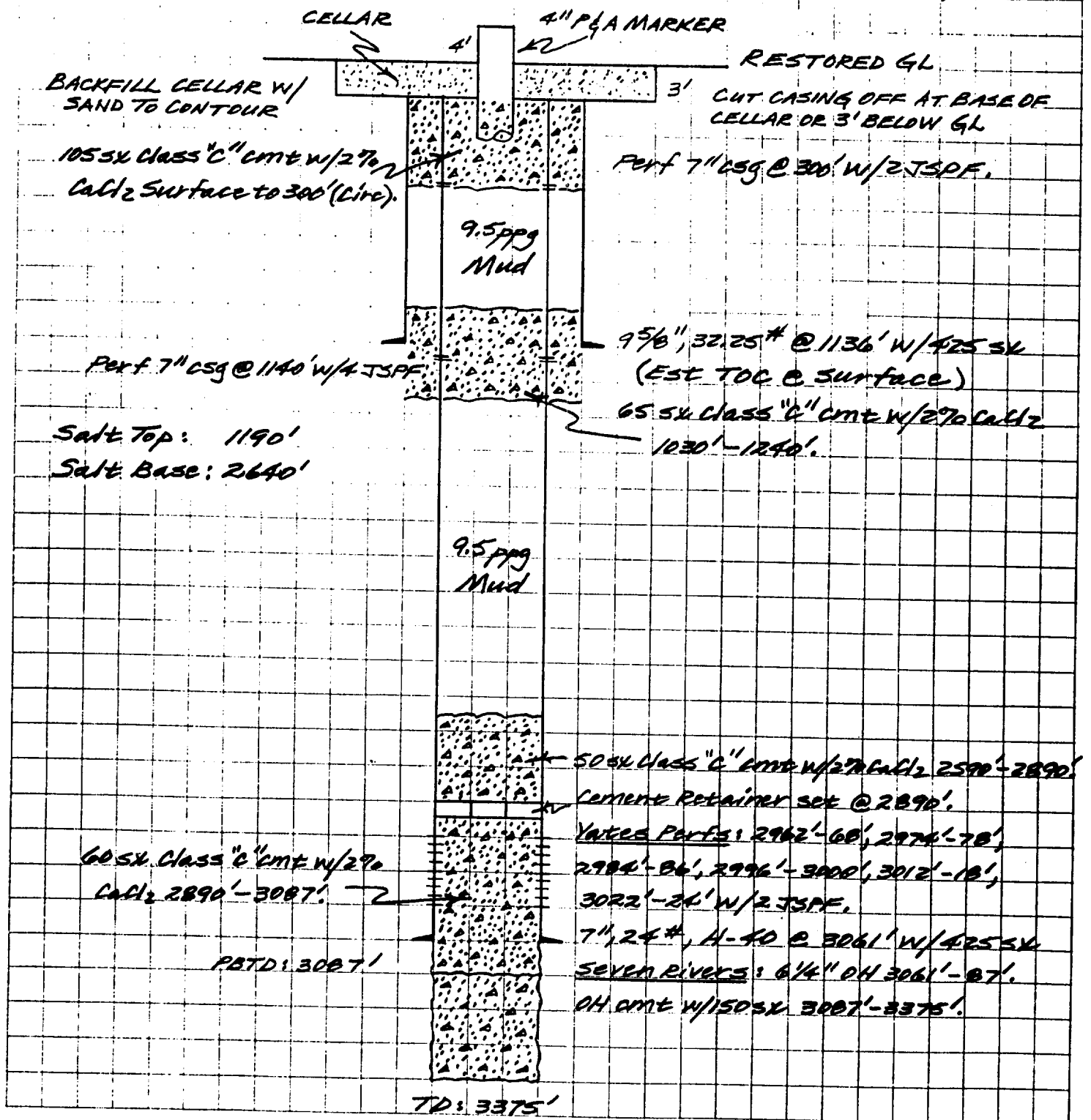
11-15-90  
Date

TCA\slr\SB25NO2.PRO

# SHOLES B-25 No. 2

660' FNL & 1980' FEL  
UNIT B, SEC 25, T-25S, R-36E

ELEVATION: 3090'  
ZERO: 10' AGL



Made By TCA

Checked By

Date 9-25-90

Page 1 of 1

Conoco Inc.  
Calculation Sheet

Title

~ Proposed P & A ~

Job No.

Field NMFU

State Lea County, NM