

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI
Other Instructio
Reverse Side

DATE
in 19

LEASE DESIGNATION AND SERIAL NO.
NMO-557686

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL GAS WELL OTHER SWD

2. NAME OF OPERATOR
Conoco Inc.

3. ADDRESS OF OPERATOR
P.O. Box 460 - Hobbs, NM 88240

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
6660' FSL + 1980' FEL

14. PERMIT NO.
30-025-06243

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7. UNIT AGREEMENT NAME
SEMU Penn.

8. FARM OR LEASE NAME

9. WELL NO.
#9

10. FIELD AND POOL, OR WILDCAT
Cass Penn

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T20S, R37E

12. COUNTY OR PARISH
Lea

13. STATE
NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

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

17. 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 this well according to the attached procedure

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CANTONMENT OFFICE
AREA

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

SIGNED H.A. Ingram TITLE Conservation Coordinator DATE 5/14/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 5/29/90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

- Notes:
1. Cement slurry used in this procedure shall be Class "C" with 2% CaCl₂ mixed @ 14.8 ppg.
 2. All mud shall be 9.5 ppg with 25 lbs gel/bbl brine.
 3. Call Kandy Lawson to notify BLM and NMOCD prior to commencing any work.

Recommended Procedure:

1. Prepare well for P&A:
 - A. MIRU. Bleed well pressure down.
 - B. ND wellhead and NU BOP. Release tension packer. TOOH and lay down 2-7/8" injection tubing.
 - C. PU and TIH w/2-7/8" workstring to 5580'. Pick up 2'.
2. Spot cement across San Andres perfs from 5150' to 4490'.
 - A. MIRU cement services. Load hole from 5580' to 5150' with 17 bbls mud. POOH to 5150'.
 - B. Pump 140 sx cement (30 sx excess) and displace with 25 bbls mud.
 - C. POOH with WS to 4000'. WOC. GIH and tag top of cement.
 - D. Load hole with 170 bbls mud.
 - E. POOH laying down WS to 3135'.
3. Spot cement across 9-5/8" casing shoe from 3135' to 2986':
 - A. Load hole with 3 bbl mud.
 - B. Pump 25 sx of Class "C" cement and displace with 17 bbls mud.
 - C. POOH laying down WS to 2285'.
4. Spot cement across base of salt from 2285' to 2136':
 - A. Load hole with 2 bbls mud.
 - B. Pump 25 sx of Class "C" cement and displace with 12 bbls mud.
 - C. POOH laying down WS to 1420'.
5. Spot cement across top of salt from 1420' to 1271':
 - A. Load hole with 2 bbls mud.
 - B. Pump 25 sx of Class "C" cement and displace with 7 bbls mud.
 - C. POOH laying down WS.
6. Circulate cement up intermediate casing and set surface plugs:
 - A. MIRU wireline services.
 - B. RIH with a 4" casing gun loaded 4 JSPF (120° phase, .4" EHD) and CCL.
 - C. Perforate 7" production casing @ 370'. POOH.

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CCC
HOBBS OFFICE

- D. GIH 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.
- E. Pump 125 sx cement (16 sx 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 25 sx down 9-5/8" x 7" annulus. Do not exceed 1000 psi surface pressure.

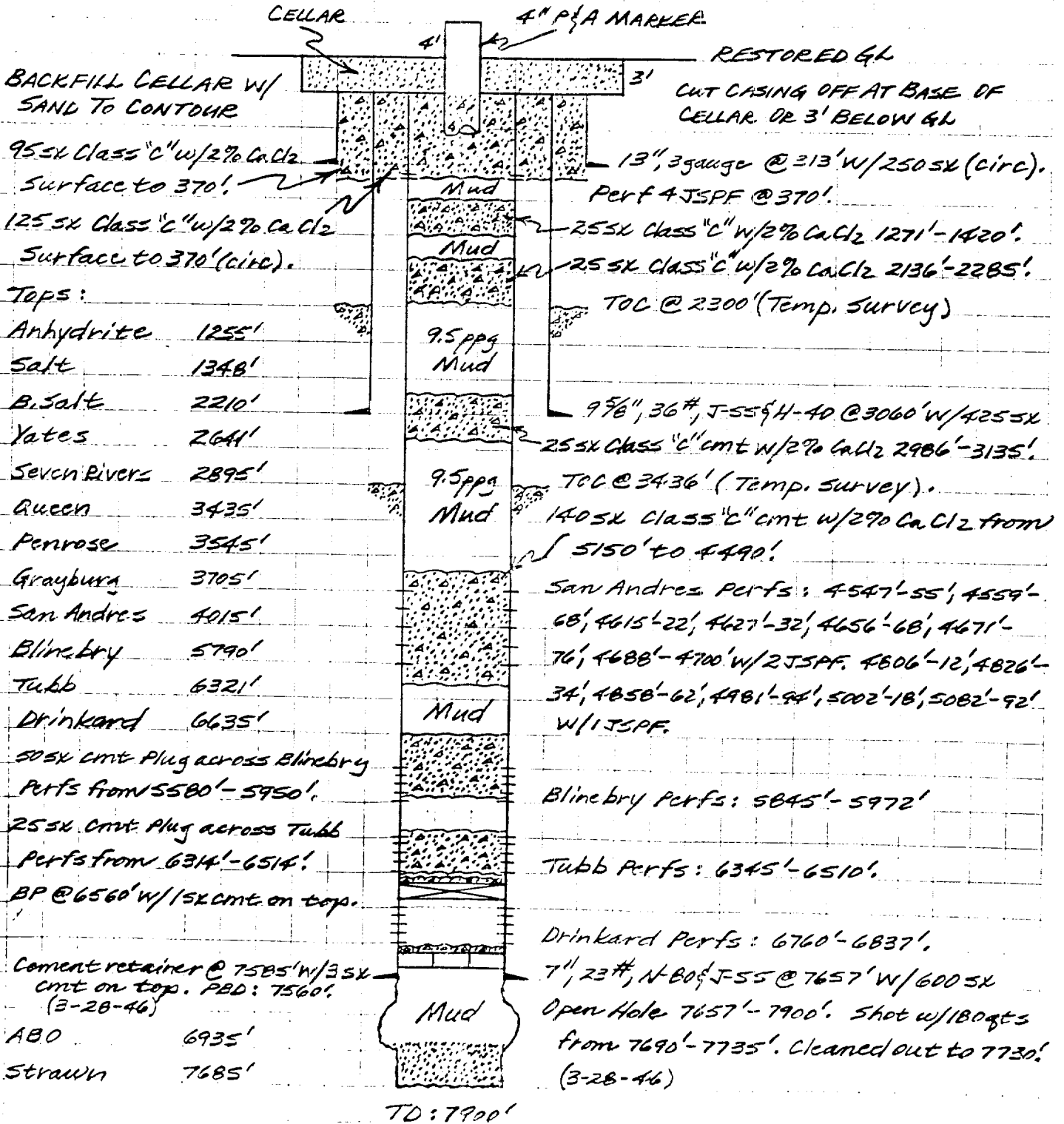
- F. POOH with tubing.
 - G. Pump 95 sx of cement to fill up 13" x 9-5/8" annulus from surface to 370'. Do not exceed 1000 psi surface pressure.
 - H. RD wireline and cement services.
7. Prepare surface location for abandonment:
- A. ND BOP and cut off all casing strings at the base of the cellar or 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 13" 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:

SEMU Pennsylvanian No. 9
Unit O, Sec. 23, T-20S, R-37E
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.
8. Send a copy of the well service report and final P&A schematic to Kandy Lawson in the Hobbs Office so the proper forms can be filed.

SEMUR PENN No. 9

660' FSL & 1980' FEL
 UNIT 0, SEC. 23, T-205, R-37E

ELEVATION: 3531' DF
 3519' GL



Made By TCA
 Checked By
 Date 3-20-90
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Conoco Inc.
 Calculation Sheet

Job No.

Title Proposed P&A

Field NMFU

State Lea County, NM