

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1006-0135
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.

2C-031696A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☒ Other

Injection

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 F, 1980' FWL & 1980' FWL
Sec. 25, T20S, R37E

8. Well Name and No.

SEMu Eumont No. 52

9. API Well No.

30-025-06258

10. Field and Pool, or Exploratory Area

Eumont Pools 7 Rms Queen

11. County or Parish, State

Lea, 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 SEMu Eumont No. 52 according to the attached procedure.

RECEIVED

AUG 23 11 20 AM '90

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

Signed Richard Warner

Title Administrative Supervisor

Date 8/22/90

(This space for Federal or State office use)

Approved by
Conditions of approval, if any:

Title PETROLEUM ENGINEER

Date 8-28-90

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.

*See Instruction on Reverse Side

ARCO (1) AMOCO (1) CHEVRON (1) File (1) OMOCO (3)

SEMU EUMONT NO. 52
PLUG AND ABANDON

Summary: The following procedure is recommended to permanently plug and abandon SEMU Eumont No. 52:

1. Spot 10 sack cement plug on cement retainer at 3530'.
2. Spot a 10 sack cement plug across top of salt from 1344'-1440'.
3. Perforate @ 390' and circulate 110 sacks cement to set surface plug.

Location: 1980' FNL & 1980' FWL, Unit F, Sec. 25, T-20-S, R-37-E
Lea County, NM

Elevation: 3518' DF (10' AGL)

Completion: Eumont Queen
TD: 3824'
Perfs: 3638'-3718' w/4 JSPF

Casing/Tubing Specifications:

O.D. (in)	Weight (lbs/ft)	Grade	Depth (ft)	Drift (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)	(ft ³ /ft)
8-5/8	24.0	J-55	331	7.972	1,370	2,950	.0636	.3575
5-1/2	14.0	J-55	3824	4.887	3,120	4,270	.0244	.1370
2-7/8	6.5	N-80		2.347	11,160	10,570	.00579	.0325

8-5/8" casing set @ 331' with 225 sx cement circulated to surface.

5-1/2" casing set @ 3824' with 1490 sx cement. TOC @ 1182' by temperature survey.

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

- Notes:
1. Cement slurry used in this procedure 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:

1. Prepare well for P&A:
 - A. MIRU. Bleed well pressure down. Kill well with 9.5 ppg mud if needed.
 - B. ND wellhead and NU BOP.

2. Spot cement plug on cement retainer:

- A. PU and TIH with WS. Tag cement retainer @ 3530' and PU 2'.
- B. MIRU cement services. Load and circulate hole with 79 bbls mud.
- C. Spot 10 sacks cement on cement retainer and displace with 20 bbls mud.
- D. POOH laying down WS to 1440'.

3. Spot cement plug across top of salt.

- A. Load hole with mud.
- B. Pump 10 sx cement from 1344'-1440' and displace with 8 bbls mud.
- C. POOH laying down WS.

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

- A. MIRU wireline services.
- B. RIH with a 4" casing gun loaded 4 JSPF (120° phase, .4" EHD, centralized) and CCL.
- C. Perforate 5-1/2" production casing @ 390'. POOH.
- D. GIH w/1 joint 2-7/8" tubing. Close BOP. Pump 16 bbls mud to load hole and establish circulation up 8-5/8" x 5-1/2" annulus.
- E. Pump 110 sx cement (13 sx 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.
- 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 8-5/8" 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:

SEMU Eumont No. 52
Unit F, Sec. 25, 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.
6. Send a copy of the well service report to the Division Office so the proper forms can be filed.

Approved:

Jed Buchanan
Production Specialist

5-23-90
Date

J.H. McChaffetz
Engineer

5-24-90
Date

J.H. McChaffetz (for J.E. Berry)
Supervising Production Engineer

7/5/90
Date

Mike Chubb
Division Engineering Manager

7/6/90
Date

Frank Patton
Production Superintendent

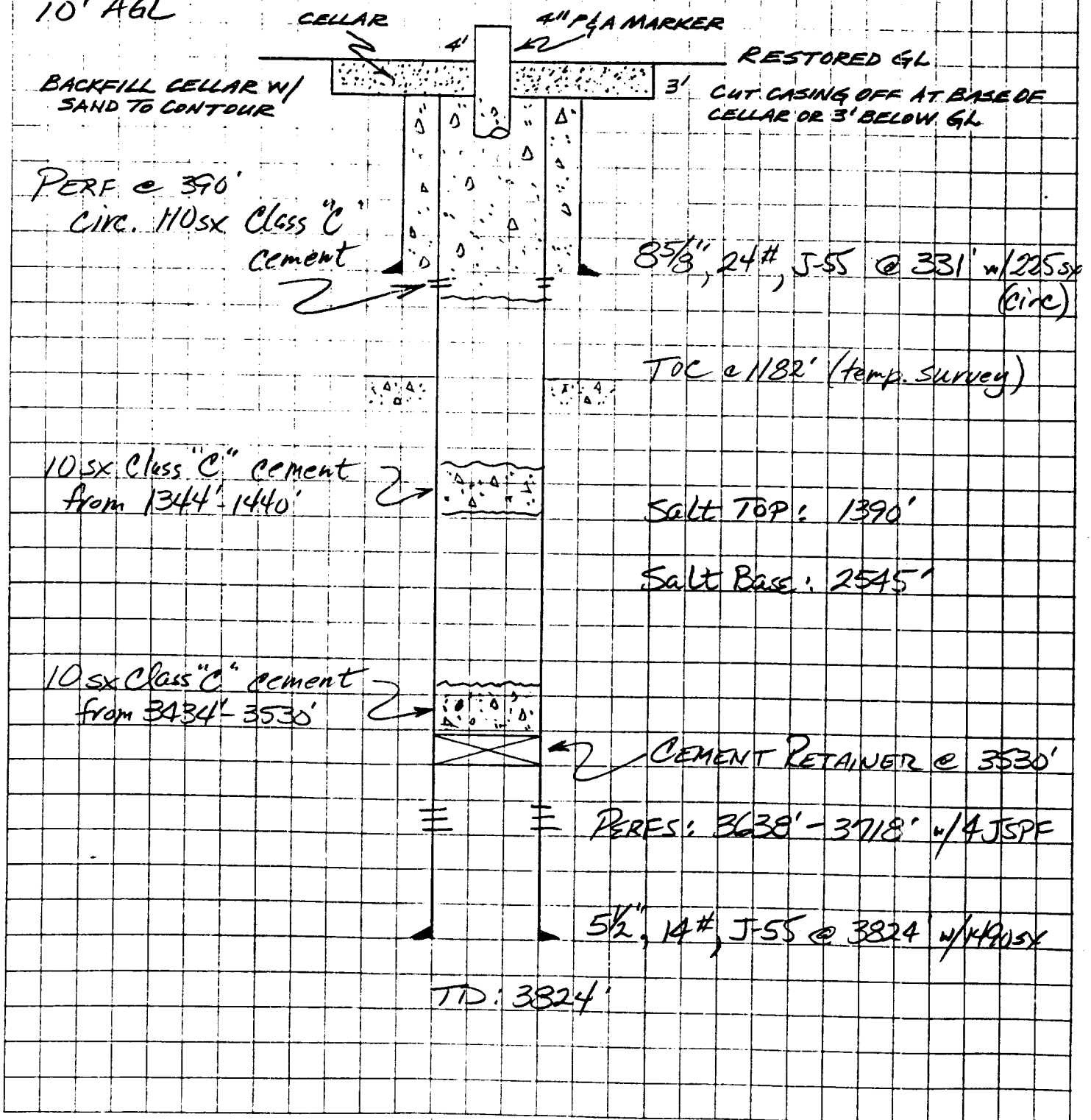
7/9/90
Date

STB:mjm
SEMUEU52.PRO

SEMU ELMONT No. 52

* Proposed P&A *

Unit F Sec 25, T20S, R37E
1980' FNL & 1980' FNL
Elevation 3518'
10' AGL



Conoco Inc.
Calculation Sheet

Made By _____

Checked By _____

Date _____

Page _____ of _____

Title _____

Job No. _____

Field _____

State _____