

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIE
(Other instruction
verse side)

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Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Conoco Inc	8. FARM OR LEASE NAME SEMU Eumont
3. ADDRESS OF OPERATOR 10 Dosta Drive West Midland, TX 79705	9. WELL NO. #92
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface UNA C 660' FWL & 1980' FWL	10. FIELD AND POOL, OR WILDCAT Eumont Queen Gas
14. PERMIT NO. 30-025-24279	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14-T20S-R37E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3557' GL	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 COMPLETION

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 and abandon this well according to the attached procedure.

RECEIVED
JUL 24 11 43 AM '90
CARTER
AREA

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

SIGNED

TITLE Administrative Supervisor

DATE 7/20/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE 7-31-90

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

BLM (6) FILE (1) AMOCO (1) ARCO (1) CHEVRON (1)

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.

SEMU EUMONT NO. 92
PLUG AND ABANDON

Summary: The following procedure is recommended to permanently plug and abandon SEMU Eumont No. 92:

1. Set CIBP at 3560' and spot 11 sack cement plug on top.
2. Spot an 11 sack cement plug across top of salt from 1364'-1470'.
3. Perforate @ 470' and circulate 130 sacks cement to set surface plug.

Location: 660' FNL & 1980' FWL, Unit C, Sec. 14, T-20-S, R-37-E
Lea County, NM

Elevation: 3557' DF (11' AGL)

Completion: Eumont Queen
TD: 3800'
Perfs: 3613'-3656' w/1 JSPF
3678'-3745' w/1 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	411	7.972	1,370	2,950	.0636	.3575
5-1/2	14.0	J-55	3800	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 @ 411' with 210 sx cement circulated to surface.

5-1/2" casing set @ 3800' with 285 sx cement. TOC @ 2400' 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. Call Kandy Lawson to 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.
- C. TOOH and LD 2-3/8" production tubing.
- D. PU and TIH w/4-3/4" bit, 5-1/2" casing scraper and WS to 3600'. POOH.

2. Set CIBP and spot cement plug:

- A. GIH w/5-1/2" CIBP, setting tool and WS. Set CIBP @ 3560'. Release setting tool and PU 2'.
- B. MIRU cement services. Load and circ. hole with 79 bbls mud.
- C. Spot 11 sacks cement on CIBP from 3454'-3560' and displace with 20 bbls mud.
- D. POOH laying down WS to 1470'.

3. Spot cement plug across top of salt.

- A. Load hole with mud.
- B. Pump 11 sx cement from 1364'-1470' and displace with 8 bbls mud.
- C. POOH LD 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 @ 470'. POOH.
- D. GIH w/1 joint 2-7/8" tubing. Close BOP. Pump 19 bbls mud to load hole and establish circulation up 8-5/8" x 5-1/2" annulus.
- E. Pump 130 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. 92
Unit C, Sec. 14, 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 Kandy Lawson in the Hobbs Office so the proper forms can be filed.

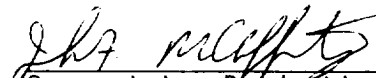
Approved:


Production Specialist

5-23-90
Date


Engineer

5-24-90
Date

 (for JEP)
Supervising Production Engineer

7/5/90
Date


Division Engineering Manager

7/6/90
Date


Production Superintendent

7/9/90
Date

SERVO EUMONT No. 92

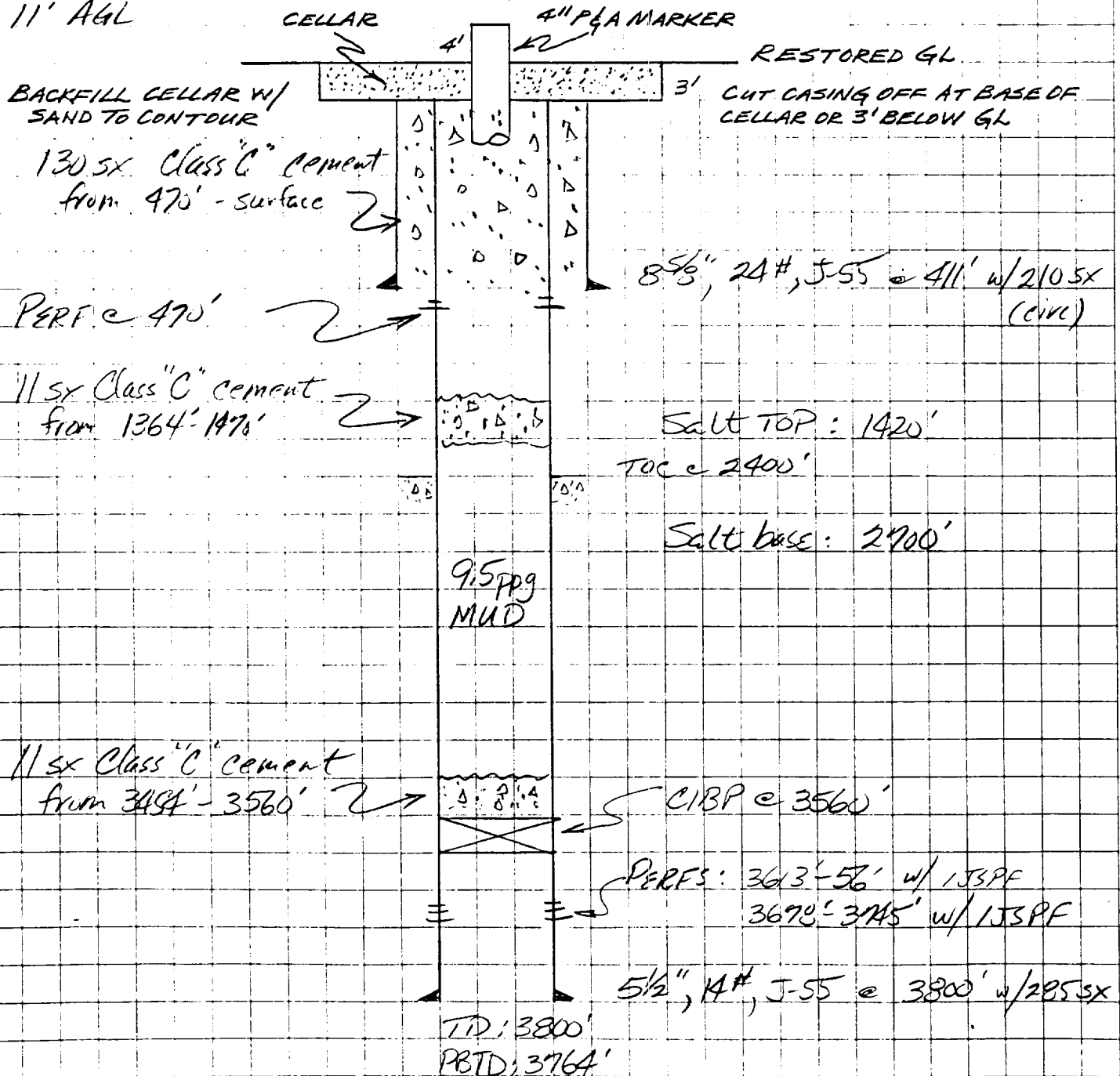
* Proposed P&A

660' FNL & 1980' FNL

Unit C, Sec. 14, T-20S, R-37E

Elevation 3557'

11' AGL



Conoco Inc.
Calculation Sheet

Made By
Checked By

Job No

Date

Title

Field

Page

of

State