

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
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 ☐ GAS WELL ☒ OTHER ☐	5. LEASE DESIGNATION AND SERIAL NO NMO-557686X
2. NAME OF OPERATOR Conoco Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 10 Dosta Drive West Midland TX 79705	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Unit I 1980' FSL & 660' FEL	8. FARM OR LEASE NAME SEMY Eumont
14. PERMIT NO. 30-025-06097	9. WELL NO. #46
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3545' GL	10. FIELD AND POOL, OR WILDCAT Eumont Queen Gas
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 14 - 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:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☒	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) ☐	(Other) ☐

(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 47 AM '90
OAK CREEK
AREA

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

SIGNED

W. J. Masson

TITLE Administrative Supervisor

DATE

7/20/90

(This space for Federal or State office use)

Original filed in Bureau

APPROVED BY

TITLE

DATE

7/30/90

CONDITIONS OF APPROVAL, IF ANY:

BLM (6) File (1) ARDO (1) Amoco (1) CHEURON (1) *See Instructions on Reverse Side

Summary: The following procedure is recommended to permanently plug and abandon SEMU Eumont No. 46:

1. Spot an 11 sack cement plug on CIBP at 3770'.
2. Set CIBP at 3440' and spot 11 sack cement plug on top.
3. Spot an 11 sack cement plug across top of salt from 1444'-1550'.
4. Perforate @ 350' and circulate 100 sacks cement to set surface plug.

Location: 1980' FSL & 660' FEL, Unit 1, Sec. 14, T-20-S, R-37-E
Lea County, NM

Elevation: 3545' GL (10' AGL)

Completion: Eumont Queen
TD: 3917'
Perfs: 3490'-3700' w/2 JSPF
3728'-3740' w/4 JSPF

Casing/Tubing Specifications:

O.D. (in)	Weight (lbs/ft)	Grade (ft)	Depth (in)	Drift (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)	Capacity (ft ³ /ft)
8-5/8	24.0	J-55	287	7.972	1,370	2,950	.0636	.3575
5-1/2	14.0	J-55	3917	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 @ 287' with 225 sx cement circulated to surface.
5-1/2" casing set @ 3917' with 1360 sx cement. TOC @ 1250' 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. POOH laying down rods and pump.
 - C. ND wellhead and NU BOP.
 - D. TOOH and LD 2-3/8" production tubing.
 - E. PU and TIH w/4-3/4" bit, 5-1/2" casing scraper and WS to 3490'. POOH.

2. Set cement plug on top of CIBP at 3770':

- A. GIH w/WS and tag CIBP @ 3770' and PU 2'.
- B. MIRU cement services.
- C. Spot an 11 sack cement plug on CIBP from 3664'-3770' and displace with 21 bbls mud.
- D. POOH.

3. Set CIBP and spot cement plug:

- A. GIH w/5-1/2" CIBP, setting tool and WS. Set CIBP @ 3440'. Release setting tool and PU 2'.
- B. Load and circulate hole with 84 bbls mud.
- C. Spot 11 sacks cement on CIBP from 3334'-3440' and displace with 19 bbls mud.
- D. POOH laying down WS to 1550'.

4. Spot cement plug across top of salt:

- A. Load hole with mud.
- B. Pump 11 sx cement from 1444'-1550' and displace with 8 bbls mud.
- C. POOH laying down WS.

5. 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 @ 350'. POOH.
- D. GIH w/1 joint 2-7/8" tubing. Close BOP. Pump 21 bbls mud to load hole and establish circulation up 8-5/8" x 5-1/2" annulus.
- E. Pump 100 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.

6. 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. 46
Unit I, 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.

7. Send a copy of the well service report to the Division Office so the proper forms can be filed.

Approved:

John A. Buchanan
Production Specialist

5-23-90
Date

John A. McEliff, Jr.
Engineer

5/24/90
Date

John A. McEliff, Jr. (for J.E. Eumont)
Supervising Production Engineer

7/5/90
Date

John A. McEliff, Jr.
Division Engineering Manager

7/6/90
Date

John A. McEliff, Jr.
Production Superintendent

7/9/90
Date

STB:mjm
SEMUEU46.PRO

Made By
Checked By
Date

Title

Page

Conoco Inc.
Calculation Sheet

Job No.

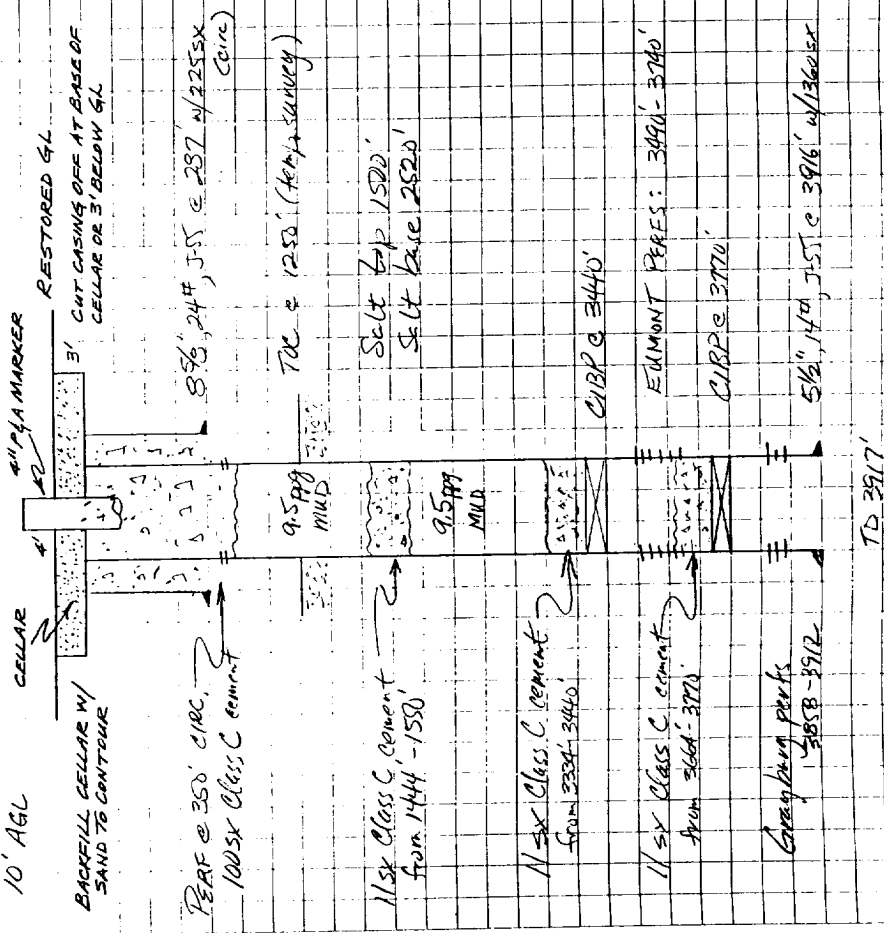
Field

State

6/2/91

SEMU Eumont No. 46

1930' FSL + 660' FEL
Unit I, Sec. 14, T20S R37E
Elevation - 3545' GL
10' AGL



Conoco Inc.
Calculation Sheet

Job No.

Field

State

6/2/91