

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

SUBMIT IN TRIPLICATE

1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other	5. Lease Designation and Serial No. LC-030186A
2. Name of Operator Conoco Inc.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. 10 Desta Drive West Midland, TX 79705 (915)686-6540	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980' FNL & 1980' FWL, Sec. 15, T-23S, R-37E Unit F, Lea County, NM	8. Well Name and No. Cline A-15 No. 5
	9. API Well No. 30-025-10737
	10. Field and Pool, or Exploratory Area Langlie Mattix 7Rvrs Queer
	11. County or Parish, State Lea County, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
☒ Notice of Intent ☐ Subsequent Report ☐ Final Abandonment Notice	☒ 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 Cline A-15 No. 5 according to the attached procedure.

RECEIVED
JUN 25 11 00 AM '91

14. I hereby certify that the foregoing is true and correct		
Signed <u>[Signature]</u>	Title <u>Administrative Supervisor</u>	Date <u>1/24/91</u>
(This space for Federal or State office use)		
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

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.

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

Item 4—If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13—Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE — The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well-operations.
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2).
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods used.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION — Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that: This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.

CLINE A-15 NO. 5
PLUG AND ABANDON

Summary: The following procedure is recommended to permanently plug and abandon Cline A-15 No. 5:

1. Set CIBP @ 3520' and load hole with mud.
2. Spot 25 sack cement plug on top of CIBP.
3. Spot 15 sack cement plug across top of salt. WOC. Tag top of plug.
4. Perforate 4-1/2" casing @ 420'. Circulate 90 sacks of cement to spot plug across surface casing shoe and set surface plug.

Location: 1980' FNL & 1980' FWL, Unit F, Sec. 15, T-23S, R-37E
Lea County, NM

Elevation: 3319' DF (13' AGL)

Completion: Penrose
TD: 3700' PBDT: 3685'
Perfs: 3579'-82', 3596'-3601', 3603'-08', 3651'-56', 3663'-69', 3687'-91' w/4 JSPF

4-1/2" Guiberson RBP set @ 3518' w/1 sack sand on top.

Casing/Tubing Specifications:

O.D. (in)	Weight (lbs/ft)	Grade	Depth (ft)	Drift (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)	(ft ³ /ft)
7-5/8	24.0	H-40	366	6.900	2040	2750	.0479	.2691
4-1/2	9.5	J-55	3700	3.965	3310	4380	.0162	.0912
2-3/8	4.7	N-80		1.901	11,780	11,200	.00387	.02171

7-5/8" casing set @ 366' with 200 sacks cement circulated to surface.

4-1/2" casing set @ 3700' with 1390 sacks cement (TOC @ 1160' by temp. survey).

Use safety factor of 70% for collapse and burst pressures.
Assume 2-3/8" workstring will be used.

Notes:

1. All cement slurry used in this procedure shall be 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:

- SAFETY:**
- 1) **A TAILGATE SAFETY MEETING SHALL BE HELD PRIOR TO COMMENCING ANY WORK.**
 - 2) **REVIEW VENDOR'S WELLSITE SAFETY PROCEDURES IN ADDITION TO CONOCO'S APPLICABLE SAFETY PROCEDURES.**

1. Prepare well for P&A:

- A. MIRU. ND wellhead and NU BOP.
- B. PU and TIH w/on-off tool and 2-3/8" workstring to 3518'.
- C. Wash sand off RBP. Release RBP and POOH.

2. Set CIBP and abandon Yates and Seven Rivers:

- A. GIH w/4-1/2" CIBP, setting tool and WS. Set CIBP @ 3520'.
- B. MIRU cement services.

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

- C. Circulate hole with 60 bbls mud. Spot 25 sacks cement from 3520'-3160' and displace with 12 bbls mud.
- D. POOH with WS to 1320'.

3. Spot cement plug across top of salt:

- A. Load hole with 3 bbls mud.
- B. Spot 15 sacks cement from 1320'-1110'. Displace cement with 4 bbls mud.
- C. POOH with WS. WOC. GIH and tag top of cement.
- D. POOH laying down WS.

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

- A. MIRU 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 WELLHEAD TO PERFORATING TRUCK.**

- B. RIH with a 3-1/8" casing gun loaded 4 JSPF (120° phase, .4" EHD) and CCL.
- C. Perforate 4-1/2" production casing @ 420'. POOH.
- D. GIH w/1 joint 2-3/8" tubing. Close BOP. Pump 15 bbls mud to load hole and establish circulation up 7-5/8" x 4-1/2" annulus.
- E. Pump 90 sacks cement (10 sacks excess) to fill up 7-5/8" x 4-1/2" annulus and set surface plug in 4-1/2" casing.

Note: If cement does not circulate to surface, pump 25 sx down 7-5/8" X 4-1/2" 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 7-5/8" 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:

Cline A-15 No. 5
Unit F, Sec. 15, T-23S, 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 and final P&A schematic to the Midland Office so the proper forms can be filed.

Approved:

Tom C. Cuddell
Engineering Technician

1/9/91
Date

W. J. Shepard
Engineer

1/13/91
Date

Paul E. Rites
Supervising Production Engineer

1/13/91
Date

J. B. Bradbury
Division Engineering Manager

1/18/91
Date

M. A. Phillips
Production Superintendent

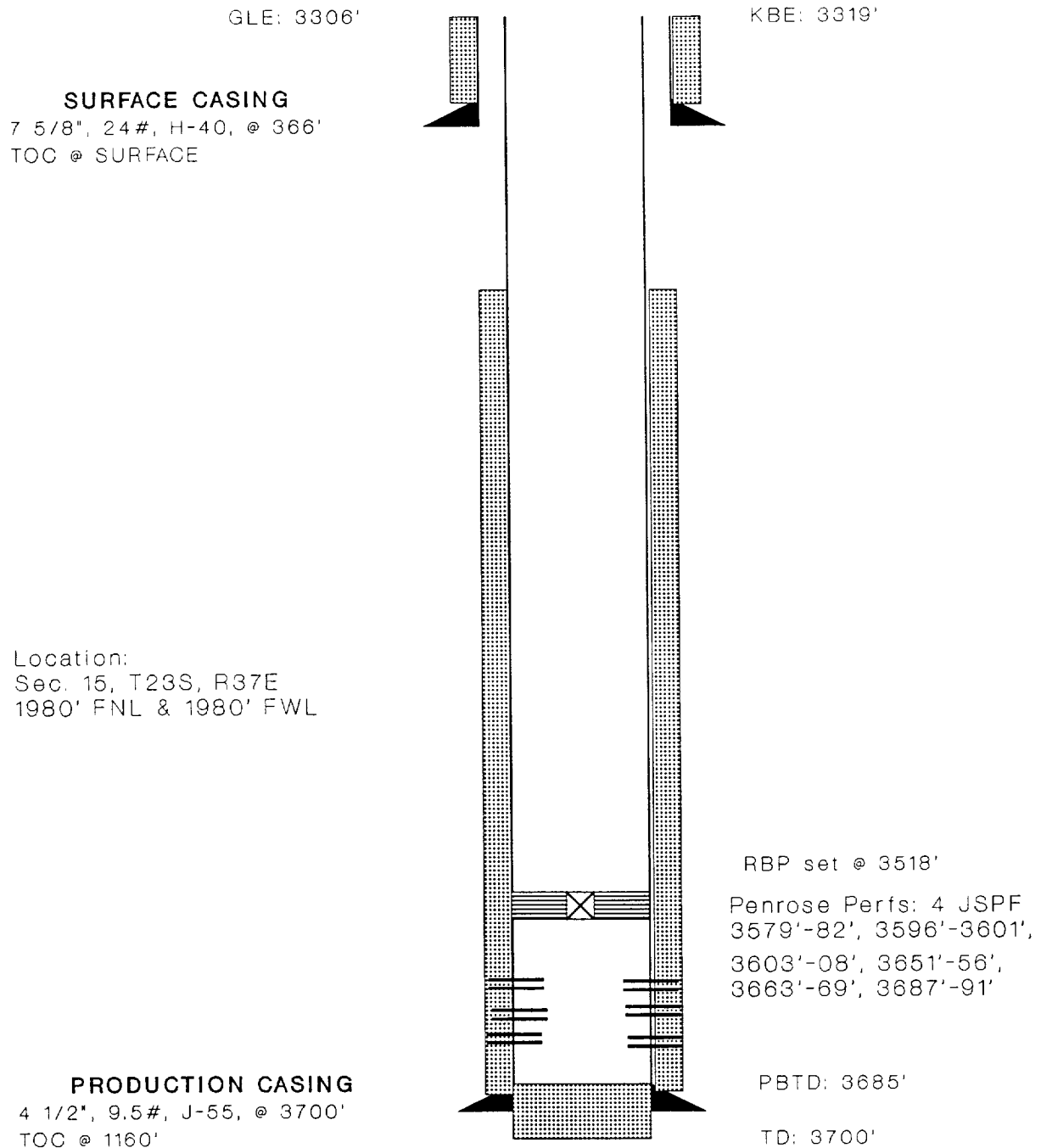
1-21-91
Date

TCA\tk\CLNA15#5.PRO

WELLBORE DIAGRAM

CLINE A-15 NO. 5

NEW MEXICO FEDERAL UNIT



BY: T. C. Aduddell

DATE: 12/20/90

P&A WELLBORE DIAGRAM

CLINE A-15 NO. 5

NEW MEXICO FEDERAL UNIT

GLE: 3306'

KBE: 3319'

SURFACE CASING

7 5/8", 24#, H-40, @ 366'
TOC @ SURFACE

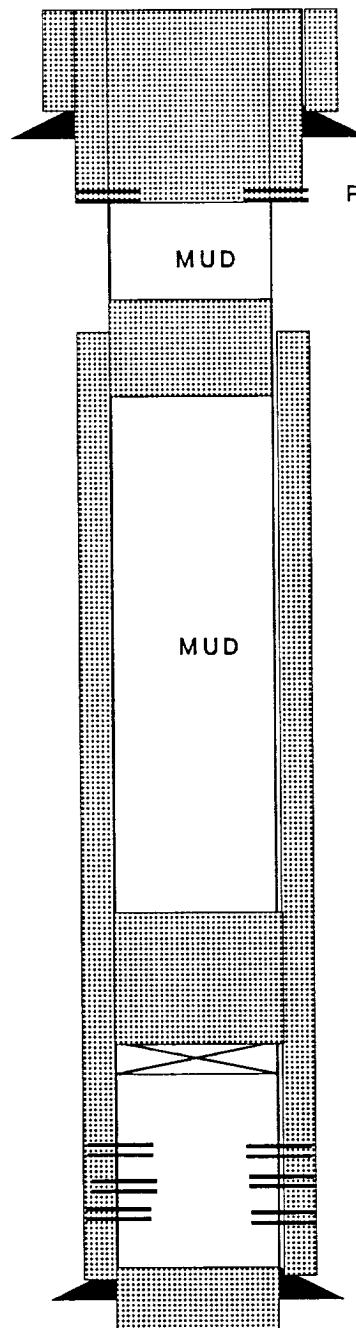
ANHYDRITE	1124'
T. SALT	1222'
B. SALT	2523'
YATES	2668'
SEVEN RIVERS	2936'
QUEEN	3449'
PENROSE	3573'

Location:
Sec. 15, T23S, R37E
1980' FNL & 1980' FWL

PRODUCTION CASING

4 1/2", 9.5#, J-55, @ 3700'
TOC @ 1160'

BY: T. C. Aduddell



90 SX CLASS "C" CMT
SURF TO 420' (CIRC)

PERF W/4 JSPF @ 420'

15 SX CLASS "C" CMT
1110'-1320'

25 SX CLASS "C" CMT
3160'-3520'

CIBP set @ 3520'

Penrose Perfs: 4 JSPF
3579'-82', 3596'-3601',
3603'-08', 3651'-56',
3663'-69', 3687'-91'

PBTD: 3685'

TD: 3700'

DATE: 12/21/90