

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.

LC 058697B

6. If Indian, Allottee or Tribe Name

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

2. Name of Operator

Conoco, Inc.

3. Address and Telephone No.

10 Desta Dr. Suite 100W, Midland, TX 79705-4500 (915) 686-5400

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

660' FSL & 660' FWL
Sec. 30, T-17S, R-33E

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Pearl B No. 7

9. API Well No.

300252560600

10. Field and Pool, or Exploratory Area

Maljamar Grayburg San Andre

11. County or Parish, State

Lea, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice or 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.)*

It is proposed to plug and abandon this well according to the attached procedure.

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

Signed



Title Sr. Conservation Coordinator

Date 9/4/91

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title



Date 9/21/91

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

PEARL B NO. 7
PLUG AND ABANDON

Summary: The following procedure is recommended to permanently plug and abandon Pearl B No. 7:

1. Pump through cement retainer @ 4175'. (Drill out and set new retainer if needed).
2. Fill 5-1/2" casing and squeeze perforations with 70 sacks of cement.
3. Spot 25 sack cement plug on top of cement retainer. Load hole with mud.
4. Spot 25 sack cement plug across top of salt and surface casing shoe.
5. POOH. WOC. GIH and tag top of plug.
6. Pump 25 sacks of cement to set surface plug in 5-1/2" casing.

Location: 660' FSL & 660' FWL, Unit M, Sec. 30, T-17S, R-33E
Lea County, NM

Elevation: 4024.5' DF (13.5' AGL)

Completion: Maljamar (G-SA)
TD: 4500' PBDT: 4490'
Perfs: 4425', 27', 31', 34', 54', 58', 62', 66', 70', 74', 78'
w/2 JSPF

Model K cement retainer @ 4175'.

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	28.0	H-40	1176	7.892	1640	2470	.0624	.3505
5-1/2	15.5	K-55	4500	4.825	4040	4810	.0238	.1336
2-7/8	6.5	N-80		2.347	11,160	10,570	.00579	.0325

8-5/8" casing set @ 1176' with 586 sacks cement circulated to surface.

5-1/2" casing set @ 4500' with 1675 sacks cement circulated to surface.

Use safety factor of 70% for collapse and burst pressures.
Assume 2-7/8" 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. Bleed pressure down.
- B. ND wellhead and NU BOP.
- C. PU and TIH w/2-7/8" workstring to 4175'.

2. Abandon Maljamar (G-SA):

- A. Sting into cement retainer @ 4175'. Pump through retainer and establish pump in rate (Drill out and set new retainer at 4175' if needed).
- 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 100 bbls fresh water. Sting into cement retainer. Establish pump in rate. Maximum surface pressure is 1000 psig.
- D. Pump 70 sacks cement (35 sacks excess) to fill up 5-1/2" casing and squeeze perfs from 4425'-4478'.
- E. Sting out of cement retainer. Spot 25 sacks cement on top from 4175'-3930'. Displace cement with 22 bbls fresh water.
- F. PU to 3930' and load hole with 95 bbls mud.
- G. POOH laying down WS to 1320'.

3. Spot cement plug across top of salt and surface casing shoe:

- A. Load hole with 6 bbls mud.
- B. Spot 25 sacks cement from 1320'-1075'. Displace cement with 6 bbls mud.
- C. POOH with WS. WOC. GIH and tag top of plug.
- D. POOH with WS to 245'.

4. Set surface plug in production casing:

- A. Close BOP. Pump 3 bbls mud to load hole and establish circulation up 7" x 2-7/8" annulus.
- B. Pump 30 sacks cement (5 sacks excess) to set surface plug in 5-1/2" casing.
- C. POOH with tubing.
- D. RD 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:

Pearl B No. 7
Unit M, Sec. 30, T-17S, R-33E
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.

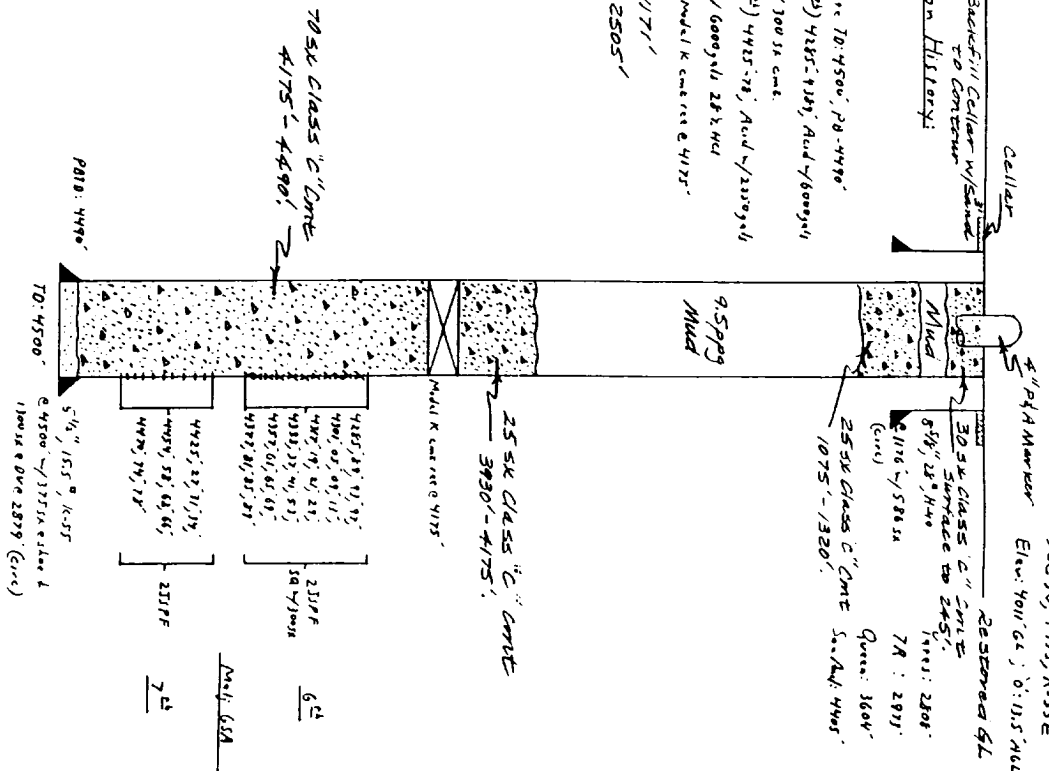
6. Send a copy of the well service report and final P&A schematic to the Midland Office so the proper forms can be filed.

660' FSL + 660' FUL
 Sec 30, T-17S, R-33E
 Elev: 4011' GL ; 0' 0.5' NG

Cellar

Completion History:

8-31-77 Spud
 10-15-77 Complete TD: 4500', PB-4490'
 Perf (G₂) 4485'-4287', Acid w/ 6000yds
 SA w/ 300 ss cmc.
 Perf (G₂) 4485'-78', Acid w/ 2200yds
 Frac w/ 6000yds 22% HCl
 2-22-79 TA w/ Model K cement @ 4175'
 T. Scale : 1171'
 B. Salt : 2505'



TCA

Check 11-15-90

Rec'd B No 7
 ~ Proposed RYA Completion ~

Calculation Sheet

11-15-90

Check 6-1-90

Rec'd B No 7
 ~ Present Completion ~

Calculation Sheet

6-1-90

660' FSL + 660' FUL
 Sec 30, T-17S, R-33E
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