Form 3160-5
(June 1990)

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

5. Lease Designation and Serial No.
LC-029509B

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Baish B No. 17

2. Name of Operator
Conoco Inc. (915) 686-6540

9. API Well No.
30-025-~~35018~~

3. Address and Telephone No.
10 Desta Drive West Midland, TX 79705

10. Field and Pool, or Exploratory Area
Undesignated

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit F - 2555' FNL & 2615' FWL
Sec. 22, T17S, R32E

11. County or Parish, State
Lea County, N. Mex.

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☑ Notice of Intent	☑ Abandonment	☐ Change of Plans
☐ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ 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 Baish B No. 17 according to the attached procedure.

RECEIVED
OCT 5 11 23 AM '90
CARL... AREA ... ERS

14. I hereby certify that the foregoing is true and correct
Signed Josh Craig Title Administrative Supervisor Date 10-4-90

(This space for Federal or State office use)

Approved by _____ Title _____ Date 10-15-90
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.

*See Instruction on Reverse Side

Interoffice Communication

To: D. B. Dumas, J. J. Wasson

From: J. D. Vashler

Date: August 29, 1990

Subject: **Plug And Abandon Baish B No. 17**

Funds of $12,000 are requested to permanently plug and abandon Baish B No. 17.

This well was drilled in 1946 to be used for gas injection into the lower Grayburg interval to help conserve reservoir energy. In 1971 it was included in the MCA Unit as an oil producer. The well was shut-in in 1977 after producing 100% water. The casing had collapsed in this well, and it was temporarily abandoned with a cement plug in December of 1977. The Grayburg zone produced only 14 MBO but made over 721 MBW. There now appears to be no uphole potential in this area, and the wellbore is no longer needed for injection or disposal.

Therefore, it is recommended to permanently plug and abandon Baish B No. 17.

Jay D. Vashler
Production Engineer

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BAISH B NO. 17
PLUG AND ABANDON

Summary: The following procedure is recommended to permanently plug and abandon Baish B No. 17.

1. Load hole with mud to 3472'.
2. Spot 25 sack cement plug across base of salt.
3. Spot 30 sack cement plug across top of salt and surface casing shoe.
4. Pump 70 sacks of cement to set surface plug to 350'.

Location: 2555' FNL & 2615' FWL, Unit F, Sec. 22, T17S, R32E
Lea County, New Mexico

Elevation: 4000' GL

Completion: Grayburg Perfs: 3596'-3660' with 1 JSPF (Abandoned).
TD: 4,102' PBTD: 3,472'

300 sack cement plug from 3472' to 3660' to squeeze off perfs and abandon Grayburg formation.

Casing/Tubing Specifications:

O.D. (in)	Weight (lbs/ft)	Grade	Depth (ft)	Drift (in)	Collapse (psi)	Burst (psi)	Capacity (bbl/ft)	Capacity (ft^3/ft)
8-5/8"	24.0	J-55	898	7.972	1,370	2,950	.0636	.3575
7"	20.0	J-55	3,699	6.331	2,270	3,740	.0404	.2273
5-1/2"	14.0	J-55	3,904	4.887	3,120	4,270	.0244	.1370
2-7/8"	6.5	N-80		2.347	11,160	10,570	.00579	.03250

8-5/8" casing set @ 898' with 65 sacks cement plus 50 sacks squeezed behind pipe.
7" casing set @ 3699' with 150 sacks cement. Estimated TOC @ 1820'.
5-1/2" liner set from 3,679' to 3,904' with 20 sacks cement. Set cement retainer @ 3668' and squeezed liner with 175 sacks of cement.
7" casing was perforated @ 999'-1001' with 2 SPF. 8-5/8" x 7" annulus squeezed with 60 sacks cement, and 7" casing squeezed with 310 sacks cement through perfs.
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" 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.

Safety:

This procedure includes cementing. A pre-job safety meeting involving all personnel on location should be held before any work commences. Conoco policies and the service company's safety procedures should be reviewed. Arrange for a pre-determined assembly area in case of an emergency. No unauthorized personnel are allowed on location.

The following checklist is recommended during cementing operations:

1. All pump and storage trucks should rig up outside dead man anchors and guy wires if possible.
2. All connections on the wellhead must have a pressure rating higher than the maximum pump pressure.
3. Data recording equipment should be located as far as practical from the discharge line.
4. Anchor all lines and pressure test as needed.
5. A service company and/or company employee must be designated to operate valves at the wellhead in case of an emergency.
6. All service and company personnel must keep a safe distance from pressured-up lines. No one should be in the derrick or on the rig floor while pumping cement.

Recommended Procedure:

1. Prepare well for P&A:

   A. MIRU. Bleed well pressure down.
   B. ND wellhead and NU BOP.
   C. GIH w/2-7/8" workstring to 3472'. Tag cement and pick up 2'.
   D. MIRU cement services.
   E. Load and circulate hole with 140 bbls mud. (9.5 ppg)
   F. POOH laying down WS to 2050'.

2. Spot cement plug across base of salt:

   A. Load hole with 3 bbls mud.
   B. Spot 25 sacks cement from 2050'-1905' and displace with 11 bbls mud.
   C. POOH laying down WS to 1000'.

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

   A. Load hole with 2 bbls mud.
   B. Spot 30 sacks cement from 1000'-830' and displace with 5 bbls mud. POOH with WS. WOC. GIH with WS and tag top of cement.
   C. POOH laying down WS to 350'. TAG PLUG.

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

   A. Load hole with 2 bbls mud.
   B. Pump 70 sacks of cement (10 sacks excess) to set surface plug in 7" casing.
   C. POOH laying down WS.
   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.

Baish B No. 17
Unit F, Sec. 22, T-17S, R-32E
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. Edwards Engineering Technician	8-27-90 Date
Jay Vobler Production Engineer	8-28-90 Date
Supervising Production Engineer	9/7/90 Date
for Joe L Cowden Division Engineering Manager	9/26/90 Date
Frank Patton Production Superintendent	9/27/90 Date
Bruce H. Meyer Division Operations Manager	02Oct'90 Date
Division Manager	Date

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