

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.  
**C-01371**

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

RECEIVED

2. Name of Operator

Conoco Inc.

MAY 5 1993

3. Address and Telephone No.

800 Werner Court Casper, Wy 82601 (307) 261-7800

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

1980' FNL, 660' FEL (SE/NE), Sec. 10, T9N, R79W 6th P.M.

Colorado Permit #: Unknown

7. If Unit or CA, Agreement Designation  
**MCCALLUM UNIT**

8. Well Name and No.  
**22**

9. API Well No.  
**05-057-05084**

10. Field and Pool, or Exploratory Area  
**McCallum/Dakota-Lakota**

11. County or Parish, State  
**JACKSON COUNTY**  
**Colorado**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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.)\*

Conoco Inc. requests permission to plug and abandon the subject well using the attached procedure.  
If you have any questions regarding this procedure, please feel free to contact Kathy Brus at (307) 261-7888.  
The anticipated start date is 10May93.

Conditions of Approval ATTACHED (C.O.G.C.C)

BLM-Craig (3) **COGCC (2)** Well File NEE Shut In File

VKA JKH

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

Signed: Lydia Phillips *Lydia Phillips* Title: SHEAR Director

Date: 29Apr93

(This space for Federal or State office use)

Approved by *CW Clayton*

Title *Engn*

Date *7-21-93*

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.

**Plug and Abandon  
McCallum Dakota-Lakota Unit Well No. 22**

**Location:** 1980' FNL, 660' FEL, S10, T9N, R79W  
Jackson County, Colorado

**Elevation:** 8144' GRD      8155' (11') KB

**Depth:** 6655' TD      6270' PBTB

**Casing:** Surface: 9.625" 32#/ft H-40, 0-268'  
Cemented to surface

**Production:** 4.5" 9.5 & 11.6#/ft J-55, 0-6300'  
Cement top 5792'

**Downhole Equipment:** Tagged fill @ 6194' - 1980

**Completion:** Dakota Fm @ 6102-08', 6092-6102', 6073-78', Lakota @ 6132-6170' KB      Tite spot @ 6017'

**RECOMMENDED PROCEDURE:**

**NOTE:** All depths in this procedure are RMB unless noted. Also, all plugs must be a minimum of 25 sacks or 100' - whichever is greater!

- I. Test and or set anchors.
- II. MIRU and RIH with gauge ring on sand line to top of perforations. POOH.
- III. A. If gauge ring went to top of perforations:
  1. RIH with cement retainer and set within 100' of top of perforations.
  2. Establish and injection rate. If perforations will not take fluid, contact state or BLM and report maximum surface pressure while pumping.
  3. If perforations take water, pump cement and obtain a squeeze. Cement volume should be 1/2 bbl per foot of perforations.
  4. Sting out of retainer and pressure test casing above retainer. If the casing holds pressure, spot 5 sack plug on top of retainer. Pull up hole and spot 100' balance plug half way between bottom plug and surface casing set point. Fill production casing from surface casing set point to surface.
  5. If casing will not hold pressure, fill production casing from retainer to surface with cement. Go to step IV.
- B. If gauge ring will not go to top of perforations:
  1. RIH with tubing open ended to base of perforations. Fill production casing with cement to surface.
- IV. Fill production casing/ surface casing annulus with cement.
- V. RD pulling unit.
- VI. Cut off wellhead and casing 3' below surface. Erect dryhole marker and reclaim location.

**APPROVALS**

*Kathleen R. Brus*  
Prod. Eng. Tech.

*4-30-93*  
Date

STATE OF COLORADO  
**OIL AND GAS CONSERVATION COMMISSION**

DEPARTMENT OF NATURAL RESOURCES  
SUITE 380 LOGAN TOWER BUILDING  
1580 LOGAN STREET

**DENVER, COLORADO 80203**  
(303) 894-2109 FAX  
(303) 894-2100

DENNIS R. BICKNELL  
Director  
PATRICIA C. BEAVER  
Technical Secretary

ROY ROMER  
Governor

Well: MCCALLUM UNIT #22  
Location: SE-NE SEC 10, T9N, R79W  
JACKSON CO. COLO.

Conditions of Approval

In Addition to Conoco's proposal dated 4-29-93, the following steps are required to meet minimum standards:

1. ~~Place 2 sacks of cement on CIBP at \_\_\_\_\_.~~ N.A.
2. Cement is to be placed from 50' below the base to 50' above the top of the Pierre formation both inside and outside the production casing.
3. Cement is to be placed from 50' below to 50' above the surface casing shoe and from 50 to the surface, both inside and outside the production casing. Note: Braiden head squeeze is not allowed.
4. Notify COGCC 48 hours prior to start of plugging operations.
5. BLM approval required