

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.  
**SF 078497**

6. If Indian, Allottee or Tribe Name

7. If Unit or C.A. Agreement Designation

8. Well Name and No.  
**San Juan 28-7 Unit Well # 238**

9. API Well No.  
**30-039-21023**

10. Field and Pool, or Exploratory Area  
**Basin Dakota**

11. County or Parish, State  
**Rio Arriba**

**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. STE. 100W, MIDLAND, TX. 79705-4500 (915) 686-5424**

4. Location of Well (Footage, Sec., T. R. M. or Survey Description)  
**Section 29, T-28-N, R-7-W, N  
1000' FSL & 1600' FWL**

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"/> Change of Plans
<input type="checkbox"/> Subsequent Repon	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracrunng
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <b>Casing Integrity Test</b>	<input type="checkbox"/> Dispose Water

(Note: Repon results of multiple completion on Wdl 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 perform a casing integrity test on this well in preparation for plugging. Please see attached procedure.

RECEIVED  
JAN - 7 1998  
OIL CON. DIV.  
DIST. 3

RECEIVED  
JAN 13 1998  
OIL CON. DIV.  
DIST. 3

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

Signed Kay Maddox Title Regulatory Agent Date December 16, 1997

(This space for Federal or State office use)

Approved by R/ David W. Spencer Title \_\_\_\_\_ Date JAN - 5 1998

Conditions of approval if any: \_\_\_\_\_

BLM(6), NMOCD(1), SHEAR, PONCA, COST ASST, FILE ROOM

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

NMOCD

## PLUG AND ABANDONMENT PROCEDURE

12-9-97

### **San Juan 28-7 Unit #238**

Basin Dakota  
SW Sec. 29, T28N, R7W  
Rio Arriba County, New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test rig anchors. Prepare blow pit. Comply with all NMOCD, BLM and Conoco safety rules and regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line to flow back tank. Blow well down; kill with water as necessary. ND wellhead and NU BOP and test.
3. POH and tally 222 joints 4.7# 2-3/8" tubing (6904'); visually inspect the tubing (may have packer in hole, records do not reflect it being removed). If necessary LD tubing and PU workstring. Round-trip 4-1/2" wireline gauge ring to 6900'.
4. **Plug #1 (Dakota/Graneros perforations and tops, 6900' - 6800')**: PU 4-1/4" wireline set CIBP and RIH; set 6900'. RIH with tubing and tag CIBP. Load casing with water and pressure test to 500#. If casing does not test, spot or tag subsequent plug as appropriate. Mix and pump 12 sxs Class B cement, above CIBP to 6800' to isolate Dakota/Graneros perforations and tops. POH to 6019'.
5. **Plug #2 (Gallup top, 6019' - 5919')**: Mix 12 sxs Class B cement and spot balanced plug inside casing over Gallup top. POH to 4434'.
6. **Plug #3 (Mesaverde top, 4434' - 4334')**: Mix 12 sxs Class B cement and spot balanced plug inside casing over Mesaverde top. POH 3008'.
7. **Plug #4 (7" casing shoe, 3008' - 2908')**: Mix 12 sxs Class B cement and spot balanced plug inside casing over 7" casing shoe top. POH with tubing.
8. **Plug #5 (Pictured Cliffs, Fruitland, Kirtland and Ojo Alamo tops, 2774' - 1814')**: Perforate 3 HSC squeeze holes at 2774'. Establish circulation to surface through annulus. PU 4-1/4" cement retainer and RIH; set at 2724'. Pressure test tubing to 1000# and establish rate into squeeze holes. Mix 169 sxs Class B cement, squeeze 93 sxs cement outside 4-1/2" casing and leave 76 sxs cement inside casing to cover Ojo Alamo top. POH and LD tubing.
9. **Plug #6 (9-5/8" casing shoe at 232')**: Perforate 6 squeeze holes at 232'. Establish circulation out 7" casing and bradenhead valves. Mix approximately 91 sxs Class B cement and pump down 4-1/2" casing, circulate good cement out 7" casing and bradenhead valves. Shut in well and WOC.
10. ND BOP and cut off well head below surface casing flange. Install P&A marker with cement to comply with regulations. RD, MOL and cut off anchors. Restore location per BLM stipulations.

# San Juan 28-7 Unit #238

## Proposed P&A

Basin Dakota

SW Section 29, T-28-N, R-7-W, Rio Arriba County, NM

Today's Date: 12/9/97

Spud: 10/5/74

Completed: 11/26/74

Elevation: 6172' (GL)

6182' (KB)

Logs: IND-Gr, FDC-Gr, T.S.

Workovers: 1982, 1988

13-3/4" Hole

9-5/8" 32.3# H-40 Csg set @ 232'  
Cmt w/231cf (Circulated to Surface)

Perforate @ 282'

**Plug #6** 282' - Surface  
Cmt with 91sxs Class B

TOC @ 1800' (T.S.)

**Plug #5** 2774' - 1814'  
Cmt with 169 sxs Class B,  
squeeze 93 sxs outside  
csg and 76 sxs inside.

Cmt Retainer @ 2724'

Perforate @ 2774'

TOC @ 2900' (T.S.)

7" 20# K-55 Csg set @ 2958'  
Cmt w/ 253 cf

**Plug #4** 3008' - 2908'  
Cmt with 12 sxs Class B

**Plug #3** 4434' - 4334'  
Cmt with 12 sxs Class B

**Plug #2** 6019' - 5919'  
Cmt with 12 sxs Class B

Set CIBP @ 6900' -

**Plug #1** 6900' - 6800'  
Cmt with 12 sxs Class B

Dakota Perforations:  
6953' - 7170'  
Re-perf Dakota 6953' - 6974'  
1982: CIBP @ 7030'  
1982: CIBP @ 7100'  
1982: CIBP @ 7219'

4-1/2" 10.5# & 11.5# K-55 Csg set @ 7232'  
Cmt w/ 659 cf

Ojo Alamo @ 1864'

Kirtland @ 1984'

Fruitland @ 2414'

Pictured Cliffs @ 2724'

9-7/8" Hole

Mesaverde @ 4384'

Gallup @ 5969'

Graneros @ 6947'

Dakota @ 7060'

6-1/4" Hole

**PBTD 7224'**

**TD 7232'**

