

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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation
2. Name of Operator Conoco, Inc.	8. Well Name and No. Fogelson 27 No. 1
3. Address and Telephone No. 10 Desta Dr. Ste 100W, Midland, TX 79705 (915) 686-6548	9. API Well No. 30-045-09113
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 950' FSL & 980' FEL Sec. 27, T-30 <sup>N</sup> , R-11 <sup>W</sup>	10. Field and Pool, or Exploratory Area Basin Dakota
	11. County or Parish, State San Juan, NM

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 latent	<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.)\*

It is propose to plug and abandon this well according to the attached procedure and wellbore diagrams.

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AUG - 4 1995  
OIL CON. DIV.  
DIST. 3

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

RECEIVED  
BLM  
95 JUL 21 AM 10:33  
070 FARMINGTON, NM

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

Signed Sam M. Hoover

Title Sr. Conservation Coordinator Date 7/29/95

(This space for Federal or State office use)

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_ Date AUG 01 1995

Chip Haraden  
DISTRICT MANAGER

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.

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## PLUG AND ABANDONMENT PROCEDURE

5-10-95

Fogelson 27 #1 (Dk)  
SE, Sec. 27, T30N, R11W  
San Juan 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 to 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 stripping head; test BOP.
3. POH and tally 2-3/8" tubing (6769'). Visually inspect tubing, if tubing has heavy scale or is in poor condition then LD and PU 2" work string.
4. Plug #1 (Dakota perforations, 6984' - 6715'): RIH with open ended tubing to 6984'; pump 30 bbls water down tubing. Mix 61 sacks Class B cement and spot a balanced plug from 6984' to 6715' over the Dakota and Granerous perforations and top. POH to 5000' and WOC. RIH and tag cement. POH to 5950'. Load well with water and circulate clean. Pressure test casing to 500#.
5. Plug #2 (Gallup top, 5950' - 5850' ): Mix 17 sxs Class B cement and set a balanced plug from 5950' to 5850' inside casing over Gallup top. POH with tubing.
6. Plug #3 (Mesaverde top, 3950' - 3850'): Perforate 3 or 4 squeeze holes at 3950'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 3900'. Pressure test tubing to 1000#, establish rate into Mesaverde squeeze holes. Mix 60 sxs Class B cement and squeeze 43 sxs cement outside 5-1/2" casing from 3950' to 3850' and leave 17 sxs cement inside casing to cover Mesaverde top. POH to 2400'.
7. Plug #4 (Pictured Cliffs top, 2400' - 2300'): Mix 17 sxs Class B cement and spot balanced plug from 2400' to 2500' inside casing. Pressure test casing to 500#. POH and LD tubing and setting tool.
8. Plug #5 (Fruitland top, 1800' - 1700'): Perforate 3 or 4 squeeze holes at 1800'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 1750'. Establish rate into Fruitland squeeze holes. Mix 60 sxs Class B cement and squeeze 43 sxs cement outside 5-1/2" casing from 1800' to 1700' and leave 17 sxs cement inside casing to cover Fruitland top. Pressure test casing to 500#. POH and LD tubing and setting.

## PLUG AND ABANDONMENT PROCEDURE

5-10-95

Fogelson 27 #1 (Dk)  
SE, Sec. 27, T30N, R11W  
San Juan County, New Mexico

Page 2

9. **Plug #6 (Kirtland & Ojo Alamo tops, 1140' - 915')**: Perforate 3 or 4 squeeze holes at 1140'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 1040'. Establish rate into Kirtland squeeze holes. Mix 127 sxs Class B cement and squeeze 96 sxs cement outside 5-1/2" casing from 1140' to 915' and leave 31 sxs cement inside casing to cover Kirtland and Ojo Alamo tops. Pressure test casing to 500#. POH and LD tubing and setting.
10. **Plug #7 (302' - Surface)**: Perforate 2 holes at 302'. Establish circulation out bradenhead valve. Mix approximately 103 sxs Class B cement and pump down 4-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
11. 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.
12. Restore location per BLM stipulations.

# Fogelson 27 #1

CURRENT

Basin Dakota

SE, Section 27, T-30-N, R-11-W, San Juan County, NM

Today's Date: 5/10/95

Spud: 8/12/59

Completed: 10/60

12-1/4" hole

9-5/8" 36#, Csg set @ 232'  
120 sxs cement (Circulated to Surface)

Ojo Alamo @ 965'

Kirtland @ 1090'

Fruitland @ 1750'

Pictured Cliffs @ 2350'

Top of Cement @ 2070'  
(Calc, 75%)

DV Tool @ 2440'  
126 cf cement

Mesaverde @ 3900'

Top of Cement @ 4050'  
(Calc, 75%)

DV Tool @ 4991'  
444 cf cement

Gallup @ 5900'

Top of Cement @ 5670'  
(Calc, 75%)

2-3/8" J-55 4.7# @ 6769'

Graneros @ 6765'

Graneros Perforations:  
6768' - 6772'

Dakota @ 6827'

Dakota Perforations:  
6834' - 6934'

8-3/4" Hole

PBTD 7040'

TD 7080'

5-1/2" 15.5# & 17#, J-55 casing set @ 7071'  
474 cf cement

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OTO FARMINGTON, NM

# Fogelson 27 #1

Proposed P & A

Basin Dakota

SE, Section 27, T-30-N, R-11-W, San Juan County, NM

Today's Date: 5/10/95

Spud: 8/12/59

Completed: 10/60

12-1/4" hole

Ojo Alamo @ 965'

Kirtland @ 1090'

Fruitland @ 1750'

Pictured Cliffs @ 2350'

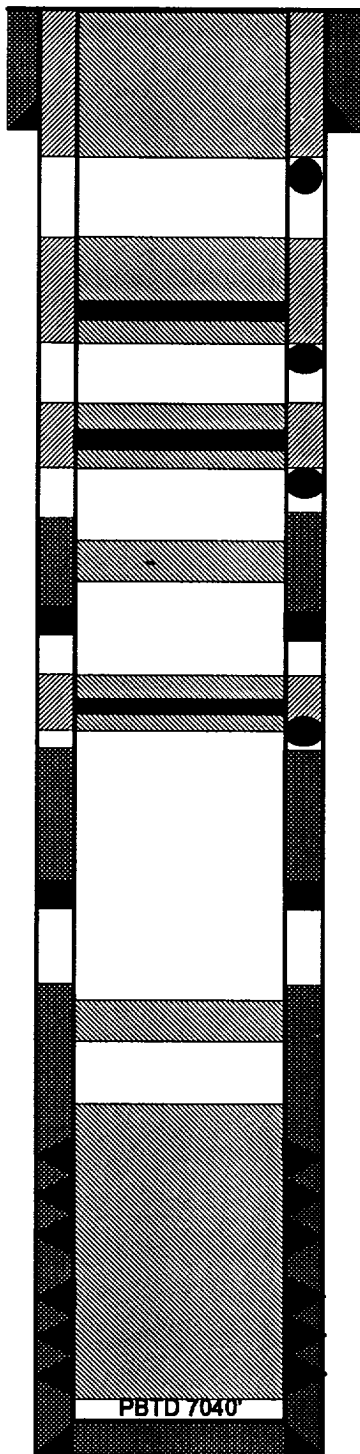
Mesaverde @ 3900'

Gallup @ 5900'

Graneros @ 6765'

Dakota @ 6827'

8-3/4" Hole



TD 7080'

9-5/8" 36#, Csg set @ 232'  
120 sxs cement (Circulated to Surface)

Perforate @ 302'

Cmt Retainer @ 3900'

Perforate @ 1140'

Cmt Retainer @ 3900'

Perforate @ 3950'

Top of Cement @ 2070'  
(Calc, 75%)

DV Tool @ 2440'  
126 cf cement

Cmt Retainer @ 3900'

Perforate @ 3950'

Top of Cement @ 4050'  
(Calc, 75%)

DV Tool @ 4991'  
444 cf cement

Top of Cement @ 5670'  
(Calc, 75%)

Graneros Perforations:  
6768' - 6772'

Dakota Perforations:  
6834' - 6934'

5-1/2" 15.5# & 17#, J-55 casing set @ 7071'  
474 cf cement

Plug #7 302' - Surface with  
approximately 105 sxs Class  
B cement.

Plug #6 1140' - 915' with  
127 sxs Class B cement,  
96 sxs outside casing  
and 31 sxs inside.

Plug #5 1800' - 1700' with  
60 sxs Class B cement,  
43 sxs outside casing  
and 17 sxs inside.

Plug #4 2400' - 2300' with  
17 sxs Class B cement.

Plug #3 3950' - 3850' with  
60 sxs Class B cement,  
43 sxs outside casing  
and 17 sxs inside.

Plug #2 5950' - 5850' with  
17 sxs Class B cement.

Plug #1 6984' - 6715' with  
61 sxs Class B cement.

070 FARMINGTON, NM

95 JUL 21 AM 10:33

RECEIVED  
BLM

**UNITED STATES DEPARTMENT OF THE INTERIOR**

**BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE**

1235 La Plata Highway  
Farmington, New Mexico 87401

**Attachment to Notice of**

**Intention to Abandon**

**Re: Permanent Abandonment**

**Well: 1 Fogelson 27**

**CONDITIONS OF APPROVAL**

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."
2. **Mike Flaniken** with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.
3. The following modifications to your plugging program are to be made (when applicable):
  1. Move Pictured Cliffs cement plug from 2400'-2300' to 2359'-2259'. (top of PC at 2309')
  2. Move Fruitland plug, perforate at 2000' and place a cement plug from 2000' to 1900' outside and inside the casing. (top of Fruitland at 1950')