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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
NMNM 27024

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

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

8. Well Name and No.
Mesa Twin Mounds 31 #1

2. Name of Operator
Conoco, Inc.

9. API Well No.
NA

3. Address and Telephone No.
10 Desta Dr. Ste 100W, Midland, TX 79705

10. Field and Pool, or Exploratory Area
Basin Dakota

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
990' FNL & 940' FWL
Sec. 31 T-30N, R-14W

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	
☒ 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.)*

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

DEC 21 1994
OIL CON. DIV.
DIST. 3

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

Signed Jerry W. Hoover Title Sr. Conservation Coordinator Date 12/20/94

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

APPROVED
AS AMENDED
JAN 05 1995
for 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.

*See Instruction on Reverse Side

NMOCD

PLUG AND ABANDONMENT PROCEDURE

11-28-94

Twin Mounds 31 #1 (Gl/Dk)
NW, Sec. 31, T30N, R14W
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/or test rig anchors. Prepare blow pit. Comply to all NMOCD, BLM and Conoco safety rules and regulations.

2. MOL and RUSU. Blow well down; kill with water if necessary. ND wellhead and NU BOP and stripping head; test BOP.

3. Unseat pump and circulate down tubing; reseat pump and pressure test tubing to 1000#. POH and LD rods and pump. Release tubing anchor at 5478'; POH and tally 2-3/8" tubing; visually inspect; if necessary LD and PU 2" tubing work string.

4. **Plug #1 (Dakota & Gallup perfs, 5536' - 4450'):** RIH with open ended tubing to 5536' or as deep as possible; pump 50 bbls water down tubing. Mix Plug #1a 60 sxs Class B cement (no excess) and spot balanced plug from 5536' - 5000'. POH to 5000' with tubing. Mix Plug #1b 90 sxs Class B cement (25% excess over entire interval, long plug) and spot balanced plug from 5000' to 4450'. POH to 3500' with tubing and WOC. RIH and tag cement. Load well with water and circulate clean. POH to 3252'.

5. **Plug #2 (Point Lookout, 3252' - 3152'):** Mix 17 sxs Class B cement and spot balanced plug from 3252' to 3152' over Point Lookout top. POH to 1760'.

6. **Plug #3 (Mesaverde top, 1760' - 1660')** Mix 17 sxs Class B cement and spot balanced plug from 1760' to 1660' over the Mesaverde top.

7. **Plug #4 (Pictured Cliffs, 770' - 670'):** Mix 17 sxs Class B cement and spot balanced plug from 770' to 670' over Pictured Cliffs top. POH to 264'.

8. **Plug #5 (Surface):** Attempt to pump into bradenhead, maximum pressure 300#, to confirm cement was circulated to surface. With tubing at 264' mix and pump 30 sxs Class B cement from 264' to surface, circulate good cement out casing valve. POH and LD tubing. Shut in well and WOC.

9. ND BOP and cut off wellhead below surface casing flange and install P&A marker with cement to BLM spec. RD and move off location. Cut off anchors.

10. Restore location per BLM stipulations.

Twin Mounds 31 - #1

CURRENT

WC Gallup & Basin Dakota

NW, Section 31, T-30-N, R-14-W, San Juan County, NM

Today's Date: 11/28/94
Spud: 4/13/84
Completed: 5/10/84

Kirtland @ surface

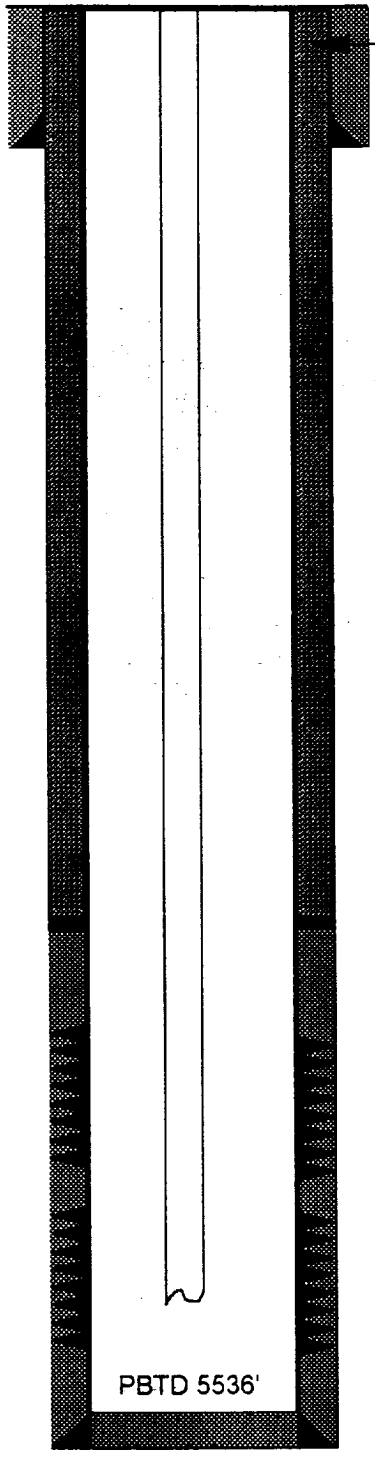
Pictured Cliffs @ 720'

Mesaverde @ 1710'

Point Lookout @ 3202'

Gallup @ 4500'

Dakota @ 5393'



TD 5618'

Cement circulated surface?,
100% excess of open hole volume.

8-5/8" 24#, Csg set @ 214'
Cmt w/166 cf (Circulated to Surface)

DV @ 3698'
(1286 cf cement)

Top of Cmt @ 3262' (calc, 75%)

Upper Gallup Perforations:
4508' - 4660', 4698' - 4949'

Dakota Perforations:
5402' - 5423' and 5440' - 5496

2-3/8" tubing & anchor at 5478'.

5-1/2" 15.5#, @ 5618'
(544 cf cement)

Twin Mounds 31 - #1

PROPOSED P & A

WC Gallup & Basin Dakota

NW, Section 31, T-30-N, R-14-W, San Juan County, NM

Today's Date: 11/28/94
Spud: 4/13/84
Completed: 5/10/84

Kirtland @ surface

Pictured Cliffs @ 720'

Mesaverde @ 1710'

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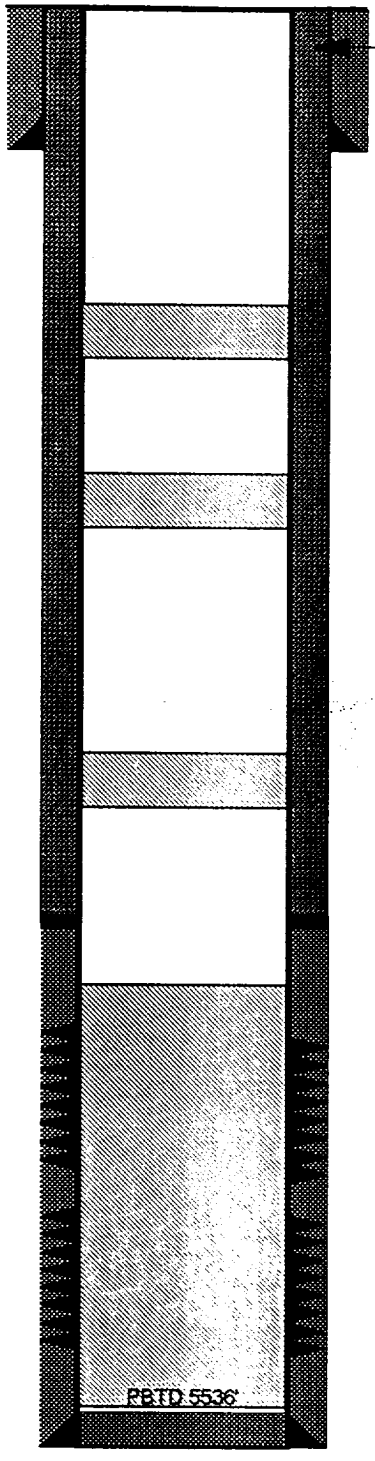
Gallup @ 4500'

Dakota @ 5393'



TD 5618'

Cement circulated surface?,
100% excess of open hole volume.

8-5/8" 24#, Csg set @ 214'
Cmt w/166 cf (Circulated to Surface)

Plug #5: 264' - Surface
30 sxs Class B cement

Plug #4: 770' - 670'
17 sxs Class B cement

Plug #3: 1760' - 1660'
17 sxs Class B cement

Plug #2: 3252' - 3152'
17 sxs Class B cement

DV @ 3698'
(1286 cf cement)

Top of Cmt @ 3262' (calc, 75%)

Upper Gallup Perforations:
4508' - 4660', 4698' - 4949'

Plug #1: 5536' - 4450'
150 sxs Class B Cement
(25% excess, long plug)

Dakota Perforations:
5402' - 5423' and 5440' - 5496

2-3/8" tubing & anchor at 5478'.

5-1/2" 15.5#, @ 5618'
(544 cf cement)