

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

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.

SF 078266

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

SW-448

8. Well Name and No.

Wood WN Federal #1

9. API Well No.

30-045-20267

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

San Juan, NM

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Conoco Inc

3. Address and Telephone No.

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

B, S-21, T-29N, R-10W  
1100' FNL & 1450' FEL

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

TYPE OF SUBMISSION

- ☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☐ Other \_\_\_\_\_
- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ 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 recomplete this well to the Blanco Mesaverde using the attached procedure.

RECEIVED  
JUL 29 1999  
OIL CON. DIV.  
DIST. 3

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

Signed

*Yolanda Perez*

Yolanda Perez

Title Regulatory Analyst

Date

7/8/99

(This space for Federal or State office use)

Approved by

*/s/ Duane W. Spencer*

Title

Team Lead, Petroleum Management

Date

JUL 27 1999

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

**WOOD WN FED 1**  
**MESAVERDE RE-COMPLETION AND DHC WITH DAKOTA PROCEDURE**  
**API 30-045-20267**

**JUSTIFICATION:** Funds in the amount of \$120,000 are requested to recomplete the Mesaverde in the Wood WN Fed #1 and downhole commingle with current Dakota production. The Wood WN Fed #1, located in the NWNE of Sec 21, was spud May 1968 and completed as a Dakota single in June 1968. Cumulative production from the Dakota as of Dec 31, 1998 is 1253 MMcf and 8773 BBL condensate. The well is currently producing 65 Mcfd, 0.3 BOPD and 0.4 BWPD.

Economic Mesaverde production exists northeast and south of the Wood location. A normalized plot of offset production in Sec 21 & 22 of Twn 29N Rng 10W calculates reserves of 1096 MMcf and first month average of 400 Mcfd. Well performance is expected to degrade in Sec 21 relative to wells in Sec 22 due to a general degradation of sand quality to the southwest. This is confirmed by the Garcia GC B #1 which Amoco recompleted in the NWSE of Sec 21 in 1995. Performance from that well is less than the normalized average. Openhole logs run in the Wood WN Fed #1 indicate 104' of net pay. Qualitative comparison between logs from the Wood and the Albright #18A in NWNW of Sec 22 also indicate reduced sand quality. For this reason, reserves for the Wood recompletion were based on the normalized plot with a 30% risk applied. Risked reserves are 740 MMcf with a first month average of 280 Mcfd.

Conoco will have 46.875% WI (38.3594% NRI) in the Mesaverde recompletion. Based on the current price forecast and \$2,400/yr additional operating cost the project provides a NPV of 128 M\$, 3.27 PI, and 51.1 ROR.

Proposed Pf's (Correlate to Densilog run 5/23/68) 38 holes 3872, 74, 76, 3900, 02, 04, 06, 08, 30, 32, 34, 66, 68, 4004, 06, 08, 10, 12, 14, 16, 18, 87, 89, 91, 4114, 16, 18, 44, 46, 48, 64, 66, 68, 76, 78, 4267, 69, 71

**WOOD WN FED 1  
MESAVERDE RE-COMPLETION AND DHC WITH DAKOTA PROCEDURE  
July7, 1999**

**API 30-045-20267**

**Location:** Sec. 16, T-29-N, R-10-W, Unit Letter B, 1100' FNL, 1450' FEL.

**Well Data:** Spud 5-10-68, TD 6467', PBTD 6435', KB 13', Grd 5576', KB 5589'

**Surface Casing:** 8-5/8" OD, 24#, set @ 364', cmt circ. cmt w/250 sx class A.

**Production Casing:** 4-1/2" OD, 10.5#, set @ 6467', cmt w/1200 sx class C in three stages,  
1<sup>st</sup> stage 400 sx, 6235, 2<sup>nd</sup> stage – DV @ 4556', 400 sx, 3<sup>rd</sup> stage – DV @ 2049', 400 sx. cmt circ.

**Production Tubing:** 2-3/8" OD, 4.7#, J-55, 8 rd, landed @ 6268', bumper spring @ 6209',  
FB Mini Flex plgr @ 6233', SN @ 6235', 2-3/8" tbg 6238' – 6268'

**Perforations:** (Dakota) 6400' – 07', 6389' – 95', 6347' – 55', 6289' – 6315', w/ 2 holes / ft.

**Procedure:**

- 1) Move in workover rig, hold safety meeting, note prevailing wind direction at location, designate muster point, review procedure, identify potential hazards, isolate lines and facilities, blow down lines, lock out tag out, spot equipment, rig up, WORK SAFELY!
- 2) Kill tubing with minimum amount of 2% KCl, RIH and tag for fill, and POOH standing back.
- 3) Rig up wireline and set composite BP @ 4350' and test casing to frac pressure slowly.
- 4) Rig up wireline to perforate, 3872, 74, 76, 3900, 02, 04, 06, 08, 30, 32, 34, 66, 68, 4004, 06, 08, 10, 12, 14, 16, 18, 87, 89, 91, 4114, 16, 18, 44, 46, 48, 64, 66, 68, 76, 78, 4267, 69, 71, (Correlate to Densilog run 5/23/68) 38 holes.
- 5) RIH tubing and spot acid across perforations, POOH tubing, break down and ball off perforations according to BJ's procedure.
- 6) Rig up BJ and single stage frac down casing as per BJ's procedure. (Submitted to Mike Khachatryan, BJ Services on 7-6-99 to work up stimulation type, size, procedure and cost estab utilizing BJ's data base).
- 7) Flow back and clean up until it dies or stabilized test is obtained, if it dies RIH with tubing and clean out to BP and unload well, land tubing at top perforation (3872') for MV test, swab well in and 4 hour stabilized test.
- 8) Kill tubing with minimum amount of 2% KCl, POOH test string.
- 9) RIH w/bit on work string and clean out to composite BP, drill out BP, clean out to PBTD @ 6435'.
- 10) POOH work string.

**WOOD WN FED 1  
MESAVERDE RE-COMPLETION AND DHC WITH DAKOTA PROCEDURE  
July7, 1999**

- 11) RIH production tubing w/ seating nipple and mule shoe on bottom , and land at top DK perf @ 6289', (rabbit tubing for tight spots and scale, be sure not to over torque, make drift run with sand line when landed).
- 12) ND BOP and NU tree, rig down and move off .
- 13) Hook up lines, install plunger lift equipment, notify operator to put back on production.

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San Juan West Team  
(DRW ext.6578)

Cc: Central Records, Linda Hernandez, FPS, Project Lead

District I  
PO Box 1980, Hobbs, NM 88241-198

District II  
PO Drawer DD, Artesia, NM 88211-071

District III  
1000 Rio Brazos Rd. Aztec, NM 8741

District IV  
PO Box 2088, Santa Fe, NM 87504-208

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form C-102

Revised February 21, 1994

instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

99 JUL 12 PM 2:56

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-20267	2 Pool Code 72319	3 Pool Name Blanco Mesaverde
4 Property Code 014131	5 Property Name Wood WN Federal	6 Well Number 1
7 OGRID No. 005073	8 Operator Name Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500	9 Elevation

10 Surface Location

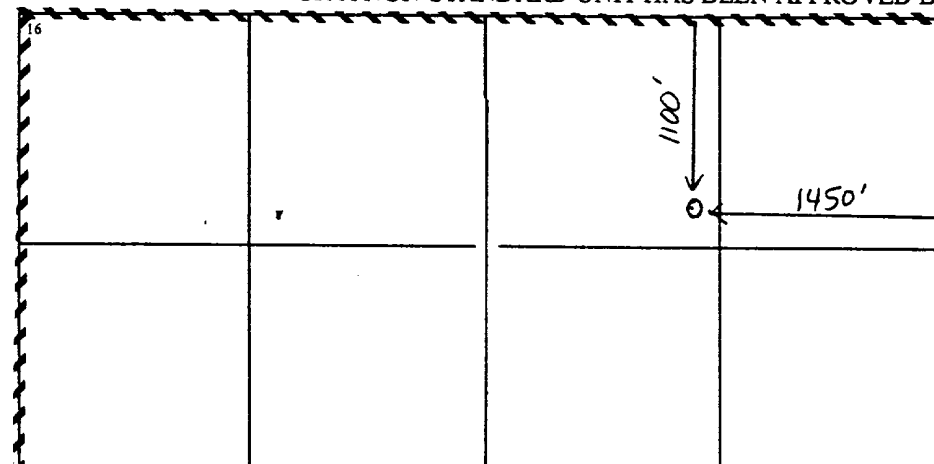
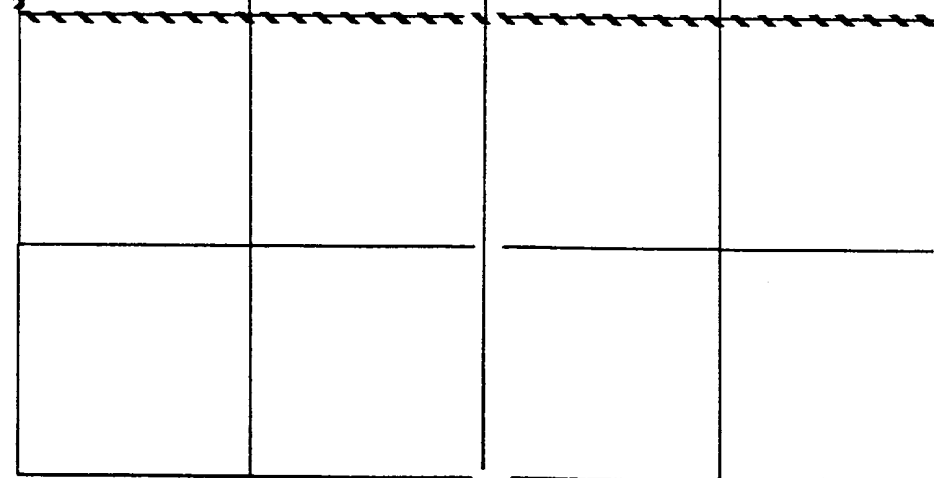
UL or lot no. B	Section 21	Township 29N	Range 10W	Lot Idn	Feet from the 1100	North/South line North	Feet from the 1450	East/West line East	County San Juan
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11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Dedicated Acres 320	13 Joint or Infill	14 Consolidation Code	15 Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	17 OPERATOR CERTIFICATION	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	Signature Yolanda Perez Printed Name Yolanda Perez Title Regulatory Analyst Date 7/8/99	
	18 SURVEYOR CERTIFICATION	
	I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.	
	Date of Survey Signature and Seal of Professional Surveyor: Certificate Number	

OK