

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on  
reverse side)

FORM APPROVED  
OMB NO. 1004-0136  
Expires February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1. TYPE OF WORK  
DRILL ☒ DEEPEN ☐  
2. TYPE OF WELL  
OIL WELL ☐ GAS WELL ☒ OTHER ☐  
3. NAME OF OPERATOR  
Conoco Inc. 5073

4. ADDRESS AND TELEPHONE NO.  
10 Desta Dr. Ste 430E, Midland, Tx. 79705-4500 915-686-5794

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements \*)

At surface 30' FNL & 1150' FWL

At proposed prod. zone 30' FNL & 1150' FWL

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

7. DISTANCE FROM PROPOSED\*  
LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drilg. unit line, if Any)

16. NO OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

8. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6797' GR

22. APPROX. DATE WORK WILL START\*

4/15/98

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	K-55, 8-5/8"	24#	300'	130 sxs, circ.
7-7/8"	K-55, 5-1/2"	15.5#	7868'	1150 sxs, circ.

It is proposed to drill vertical wellbore to be downhole commingled in the Blanco Mesaverde and Basin Dakota Pools following the acquisition of sufficient production test data for allocation purposes. A downhole commingling application will be filed with the BLM and NMOCD prior to commingling. A NOS was filed 10/31/97. This well will drilled and equipped according to the following attachments:

1. Well Location & Acreage Dedication Plat (C-102) and other associated plats.
2. Proposed Well Plan Outline.
3. Cementing Plan.
4. Blowout Preventer Hookup.
5. Surface Use Plan with Production Facility Layout.
6. Pipeline survey plat.

RECEIVED  
APR 23 1998  
OIL CON. DIV.  
DIST. 3

This application includes ROW's for the wellpad and access road.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Mike L. Mankin TITLE Right-of-Way Agent DATE March 4, 1998

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

(Original Signed) HECTOR A. VILLALCABOS

APPROVED BY Hector A. Villalobos TITLE Asst. Field Manager DATE APR 23 1998

Hold C-104 for 15 days. See Instructions On Reverse Side

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.


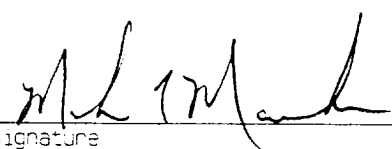
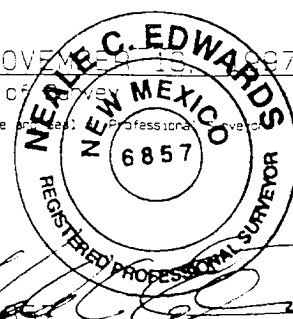
OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. Well Number <b>30-034-25844</b>		2. Pool Code <b>72319/71599</b>		3. Pool Name <b>Blanco Mesaverde/Basin Dakota</b>			
4. Property Code <b>18022</b>		5. Property Name <b>JICARILLA E</b>				6. Well Number <b>12A</b>	
7. OCSID No <b>005073</b>		8. Operator Name <b>CONOCO, INC.</b>				9. Elevation <b>5797</b>	
10. Surface Location							
10.1 Section <b>22</b>	10.2 Township <b>26N</b>	10.3 Range <b>4W</b>	10.4 Lot 10n <b>30</b>	10.5 Feet from the North/South line <b>North</b>	10.6 Feet from the East/West line <b>West</b>	10.7 County <b>RIO ARriba</b>	
11. Bottom Hole Location If Different From Surface							
11.1 Section	11.2 Township	11.3 Range	11.4 Lot 10n	11.5 Feet from the North/South line	11.6 Feet from the East/West line	11.7 County	
12. Dedicated Acres <b>320</b>		13. Joint or Infill	14. Consolidation Code	15. Order No. <b>Non Standard Location has been applied for</b>			

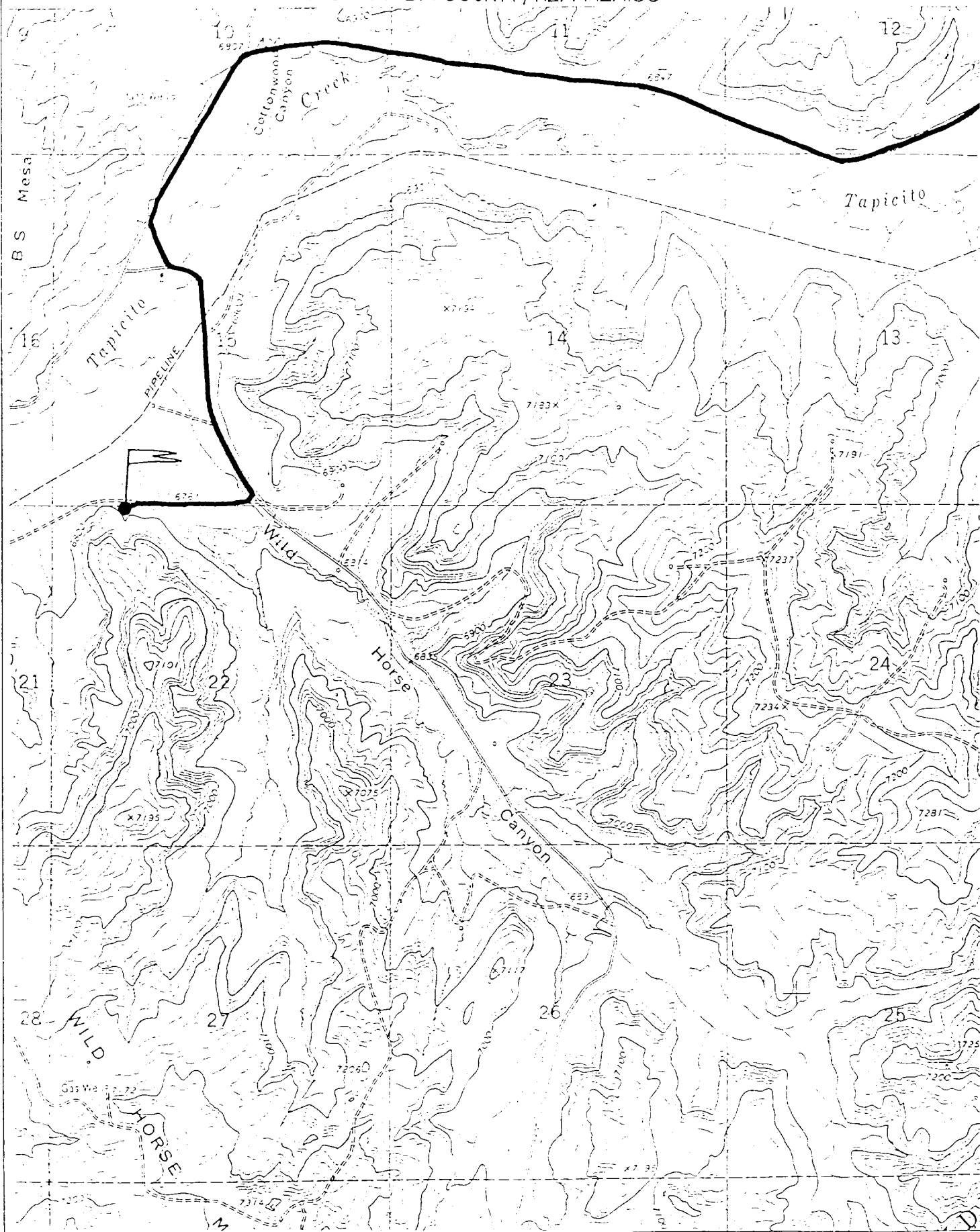
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

		<b>17. OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.   Signature Mike L. Mankin Printed Name Right-of-way Agent Title <b>2-16-98</b> Date	
<b>18. SURVEYOR CERTIFICATION</b> 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.   NOV 19 1997 Date of Survey Signature of Surveyor Certificate Number			

CONOCO, INC. JICARILLA E #12M

30' FNL 1150' FWL SEC 22, T26N, R4W

RIO ARriba COUNTY, NEW MEXICO



## PROPOSED WELL PLAN OUTLINE

WELL NAME: **Jicarilla E No. 12M**  
 LOCATION: **SEC 22, T-28N, R-4W, RIO ARRIBA CO., NM**

EST. GL = 6797  
 EST. KB = 6810

TVD IN 1000	MD	FORMATION TOPS & TYPE	DRILLING PROBLEMS	TYPE OF FORMATION EVALUATION	HOLE SIZE	CASING SIZE DEPTH	FRAC GRAD. psi/ft	FORMATION PRESSURE PSI	MUD		
									WT	TYPE	DAYS
0					11"	8-5/8" 24# K-55 ST&C @ 300' CIRC CMT		NORMAL	8.4 - 8.8# SPUD MUD		1
					7-7/8"				8.4 - 8.8# GEL POLYMER MAINTAIN MW AS LOW AS POSSIBLE		
1											
2											
3		OJAM @ 2904'	POSSIBLE WATERFLOW					432 PSI		CONTROL FLUID LOSS PRIOR TO OJAM	
		FRLO @ 3137'						380 PSI			
		PCCF @ 3438'	POSSIBLE GAS FLOW POSSIBLE LOST RETURNS POSSIBLE DIFFERENTIAL STICKING								
		LEWS @ 3599'									
4						DV TOOL SET @ 4000' (CONTINGENT ON LOST CIRCULATION)		400 PSI			
		CHRA @ 4380'									
5							0.5	457 PSI			
		CLFH/MV @ 5098' MENF @ 5225'									
		PTLK @ 5590'	POSSIBLE SEVERE LOST RETURNS			DV TOOL SET @ 5000' 150'-100' ABOVE MNCS CMT TO DV TOOL @ 4000'					
6											
		MNCS @ 6069'									
		U. GLLP @ 6723' M. GLLP @ 6947'									
7											
		TOCT @ 7180'									
		GRHN @ 7551'	POSSIBLE WATERFLOW								
		GRRS DKOT @ 7810'	POSSIBLE OVERPRESSURE								
		PAGU @ 7784'	IN DEEP DAKOTA	CASED HOLE LOGS	7-7/8"	5-1/2" 15.5# K-55 LTC @ 7868'	0.5	715 PSI BHP - 2500 PSI BHT = 175 deg F	ADD 2% KCl @ GRRS DKOT 8.4 - 8.8# GEL/POLYMER		16
		T.D. @ 7868'				CMT TO DV TOOL AT TOP OF MNCS					
8											
		NOTE: PERMIT TO 8168'									

DATE 02/27/98

PREPARED:

Ricky Joyce/Ted Kelly  
 DRILLING ENGINEER

APPROVALS:

RES. ENGINEER

PROD. ENGINEER

GEOLOGIST

DRILLING MGR.

10:13 AM