DISTRICT I

BITRICT II

FO Box 1980, Hobbs, NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Rasources Department
OIL CONSERVATION DIVISION

Santa Fé, New Mexico 87505-6429

Form C-107-A New 3-12-96

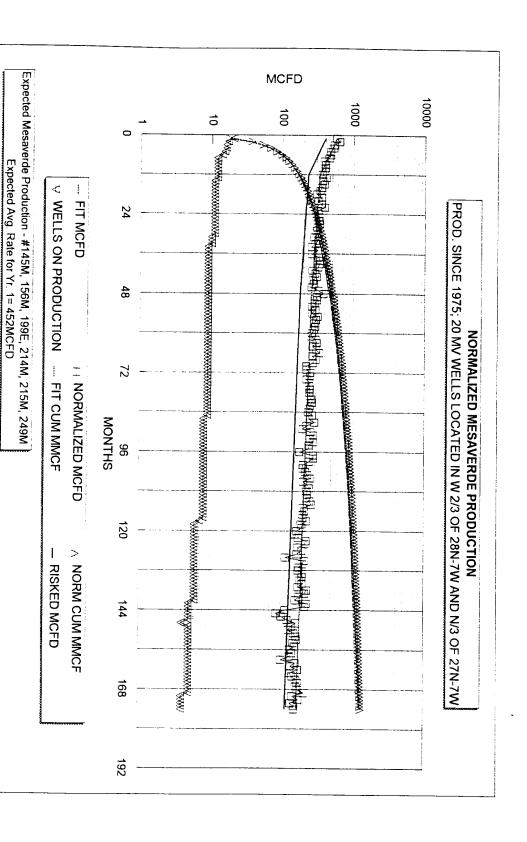
APPROVAL PROCESS:

Administrative Hearing

811 SouthI First St. Artesia NM 88210 2835 DISTRICT III APPLICATION FOR DOWNHOLE COMMINGLING 1000 Rio Brazos Rd Aztec, NM 87410 1693

EXISTING	WEL	LBORE
	YES	Mo

Conoco Inc.		0 Desta Dr. Ste 100W, Midland	l, Tx. 79705-4500
San Juan Unit 28-7	#199E	Section 18, T-28-N, R-7-W, I	N Rio Arriba
005073	e API NO.	Spacing	Unit Lease Types: (check 1 or more) , State (and/or) Fee
The following facts ate submitted in support of downhole commingiling:	Upper Zone	intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Mesaverde 72319		Basin Dakota 71599
2 TOP and Bottom of Pay Section (Perforations)	4948-5981'		7614-7851'
3. Type of production (Oil or Gas)	Gas		Gas
4 Method of Production {Flowing or Artificial Lilt}	To Flow	DECEIVED	To Flow
5 Bottomhole Pressure Oil Zones - Artilicial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	a (Current) 457 b(Original)	APR - 9 1998 DO	a 713 b. 2946
6. Oil Gravity (*API) or Gas BT Content	1264		1254
7 Producing or Shut-In?	To be Completed		To be Completed
Production Marginal? (yes or no)	Yes (expected)		Yes (expected)
If Shut-In give date and oil/gas/ water rates of Isst production Note For new zones with no production history applicant shad be required to attach production estimates and supporting dara	Date Rates 350 MCFD	Date Rates	Date Rates 330 MCFD
If Producing, date and oil/gas/ water rates of recent test (within 60 days)	Rates Anticipated 1st Yr average	Date Rates	Pate S30 MCFB Anticipated 1st Yr Average
8. Fixed Percentage Allocation Formula -% or each zone	ort. % Gas %	oit. Gas %	Oil Gas
Are all working, overriding, and If not have all working, overri	orting data and/or explaining d royalty interests identical in ding, and royalty interests be	method and providing rate proje	ased upon some other methodections or other required data $ \underbrace{\begin{array}{c} \text{Yes} & X \\ \text{Yes} & \overline{X} & \text{No} \\ \text{Yes} & \overline{X} & \text{No} \\ \end{array}}_{\text{Yes}} $
Will cross-flow occur? X You flowed production be recovered.		ompatible, will the formations not X Yes	ot be damaged, will any crose No (If No, attach explanation
2. Are all produced fluids from al	l commingled zones compatit	ole with each others X	/es No
3. Will the value of production be	, ,		es, attach explanation)
 If this well is on, or communiti United States Bureau of Land 	zed with, state or federal land Management has been notifi	ds, either the Commissioner of F ed in writing of this application.	Figure 2 $\frac{Y}{X}$ Yes $\frac{Y}{Y}$ No
5. NMOCD Reference Cases for I	Rule 303(D) Exceptions:	ORDER NO(S). R-	10476 B NSL 3957
* Production curve fo • For zones with no p • Data to support allo • Notification list of a • Notification list of y	r each zone for at least one y roduction history, estimated p cation method or formula. Il offset operators. working, overriding and royal	its spacing unit and acreage decear. (If not available, attach exp production rates and supporting lty interests for uncommon inter quired to support commingling.	olanation.) data.
hereby certify that the informatio	n above is true and complete	e to the best of my knowledge ar	nd belief.
IGNATURE KUY 1	Naddoy	_ TITLE Regulatory Agent	DATEApril 6, 1998
YPE OR PRINT NAME Kay Made	dox	TELEPHONE NO.	(915) 686-5798



listrict [30 Sox 1980..Hopps://www.3824t-1980

District II PO Chawen CD. Antesia, NM 88211-0719

District III 1000 Rio Brazos 9d . Actes, NM 97410

District IV PO Box 2088, Santa Fe, NM 87504-2089

State of New Mexico Energy, Minerals & Natural Resources Department

GIL CONSERVATION DIVISION

PO Box 2088

Form G-133

Revised February 21, 1994

Instructions on back
Submit to Appropriate District Office

State Lease - 4 Copies
Fee Lease - 3 Copies

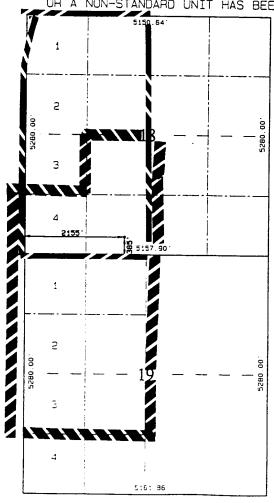
AMENDED PERCAT

Santa Fe, NM 87504-2088 50,20-3 7,7000

WELL LOCATION AND ACREAGED DEDICATION : PLAT

. 2	API Numbe	r.	73	'Pool Code 'Pool Name 72319/71599 BLANCO MESAVERDE/BASIN					
*Property 0166	80		'	S	Property AN JUAN 2	Name		* Ne	:11 Number 199E
'3GAID'				*Operator Name CONOCO, INC.					Levation 5730
				1	^o Surface	Location			
UL or lot no.	Section	Township	Pange	Lat Idn	Feet from the	North/South line	Feet from the	East/west line	County
N	18	25N	7W		385	South	2155	West	RIC ARRIBA
77 725 7			ottom	Hole L	ocation I	f Different	From Surf	ace	· · · · · · · · · · · · · · · · · · ·
UL on lot no.	Section	מנהצחשפז	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Pedicated Acres 312.38/3	45.30	is Joint or Info	11 14 Cons	olidation Code	15 Order No. R 2 9 4 8	Non-standa	rd Dakota	only	

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



17 OPERATOR CERTIFICATION I hereby certify that the information contained because
I hereby centify that the information contained herein is true and complete to the best of my knowledge and belief
Mil Y Mank Signature
Mike L. Mankin
Printed Name
Right-Of-Way Agent Title
2-5-98
Date
18 0
18 SURVEYOR CERTIFICATION I hereby centify that the well location shown on this place as plotted from field notes of actual survey same by
18 SURVEYOR CERTIFICATION. I hereby centify that the well location shown on this plating of actual surveys hade by me on under my supervision, and that the same is true and connect to the best of my belief.
- 3000 vE108 CERTIFICATION.
I hereby centify that the well location shown on this place was plotted from field notes or actual surveys made by me or under my supervision, and that the same is thue and correct to the best of my belief. DECEMBER 5 1997
I hereby centify that the well location shown on this class was plotted from field notes of actual surveys hape by he on under my supervision, and that the same is true and correct to the best of my belief. DECEMBER 5, 1997 Date of Survey
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I hereby centify that the well location shown on this class was plotted from field notes of actual surveys hape by he on under my supervision, and that the same is true and correct to the best of my belief. DECEMBER 5, 1997 Date of Survey
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SUBMIT IN TRIPLICATE.

(Other instructions on reverse side)

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

UNITED STATES							
DEPARTMENT OF THE INTERIOR							
DUDGALL OF LAND ALLEY STATE							

SEL ANTINEST OF THE INTERIOR					5 LEASE DSIGNATION AND SERIAL NO		
	BUREAU OF	LAND MANAG	SEMENT		SF 078497-A		
APPL	ICATION FOR P	ERMIT TO D	DRILL OR DEEPEN		6 IF INDIAN, ALLOTTE	E OR TRIBE NAME	
Ia. TYPE OF WORK	RILL 🛛	DEEPEN [\neg		TUNIT AGRREEMENT N		
b TYPE OF WELL	CILL IZZ	DCD-01 [
OIL	GAS WELL OTHER		SINGLE NUMBER	. [San Juan 8 FARM OR LEASE NAME WI		
2. NAME OF OPERATOR	_		ZONE ZONE				
	Conoco Inc.				9 API WELL NO		
a. ADDRESS AND TELEPHONE N							
10 Desta	Dr. Ste 430E, Midlan	d, Tx. 79705-4	500		10. FIELD AND POOL, C	R WILDCAT	
+ LOCATION OF WEL At surface	L (Report location clearly a		(th any State requirements *)		Blanco MV/Ba		
		385' FSL &	2155' FWL	٠	H SEC, T., R., M., OR I AND SURVEY OR AS		
At proposed prod. zone 385' FSL & 2155' FWL				AND SURVEY OR AREA Sec. 18, T28N, R7W			
A DISTANCE IN MILES	AND DIRECTION FROM NEA						
TO DISTANCE IN MILES	AND DIRECTION FROM NEA	EST TOWN OR POS	TOFICE.		12 COUNTY OR PARISH	13. STATE	
5. DISTANCE FROM PROP	OCCD				Rio Arriba	NM	
LOCATION TO NEARES PROPERTY OR LEASE	ST ST ST S		16 NO OF ACRES IN LEASE	17. NO. OF	ACRES ASSIGNED		
(Also to nearest drig, unit line, if Any)				320			
8 DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED. 19. PROPOSED DEPTH 20. RO			20. ROTAR	Y OR CABLE TOOLS			
OR APPLIED FOR, ON TH	hether DF, RT, GR, etc.)		7851'		Rotary		
21. ELEVATIONS (Show WI	netiter Dr. RT, GR, etc.)	I FIIS	action to subject to technica	el and	22. APPROX. DATE WO	ORK WILL START	
23		- ang	edural review pursuant to 43 CPR	CFR 34	3/1/9	8	
		PROPOSED CASIN	G AND CEMENTING PROGRAM	0100.4,			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FO	OT SETTING DEPTH		QUANTITY OF CEME	NT	
12-1/4"	K-55, 9-5/8"	36#	250'		145 sxs, circ.	174/53	
8-3/4"	K-55, 7"	23#	3638'		470 sxs, circ.	957/23	
6-1/4"	K-55, 4-1/2"	9.5#	7851'		530 sxs, toc @ 35	100' 758 Ar3	
It is proposed to drill	a vertical wellbore to the	e Blanco Mesave	erde and Basin Dakota Pools.	An NOS	was filed 10/10/97.	The well will	
be drilled and equipp	ed according to the follo	wing additional	attachments:		RILLING OPERATIONS		
1 177 117				SU	BJECT TO COMPLIAN	OF WITH ATTACHE	
1. Well Location & A	Acreage Dedication Plat	(C-102).		G	ENERAL REQUIR MEN	OL MIN ATTACHE	
2. Proposed Well Pla	an Outline.			_	C :	113	
3. Cementing Plan.	** *				<u>-</u> , -		
4. Blowout Prevente					<u>=</u>		
5. Surface Use Plan	with Production Facility	layout.					
o. Temporary Pipelir	ne Tie Specifications.		SEE ASTACHED FOR		£		
		6	DEDITIONS OF APPROV	IAL	ē :		
		_			<u> </u>		
This application inclu	ides ROW's for the well	nad access road	cathodic protection and pipel	ina	: 2		
The appropriate of the control of th	ides from 3 for the wen	pad,access road,	camodic protection and piper	me.	<u>-</u> - (,		

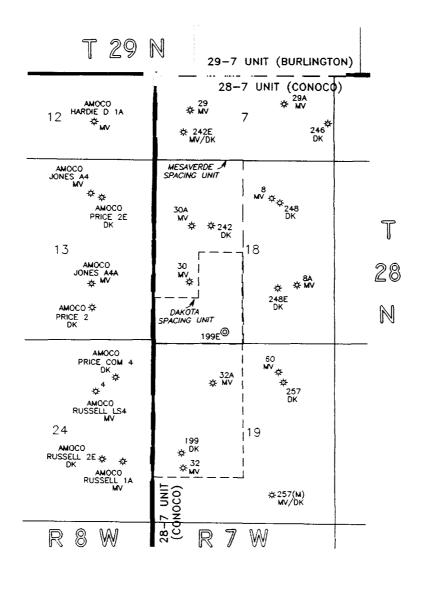
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical denths

Mil 1 Manh	Mike L. Mankin Right of Way Agent DATE 2-5-8
(This space for Federal or State office use)	APPROVAL DATE MAR 23 1998 6915

Application approval does not warrant or certify that the applicant holds legal or equitable title to those righs in the subject lease which would entitle the applicant to conduct operations thereon CONDITIONS OF APPROVAL IF ANY

*SeeInstructions 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 is any matter within its jurisdiction.



SAN JUAN 28-7 UNIT RIO ARRIBA CO., N.M.

NOTES		ICONOCOI	NGNA	
CONOCO OPERATES ALL MESAVERDE	DATE: 02/06/98	MIDLAN	D DIVISION	
AND DAKOTA WELLS WITHIN THE	DRAWN BY: GLG	CONOCO 28-1 MESAVERDE & DAKOT		
28-7 UNIT.	CHECKED BY:	San Juan 28-7 U Non-Standard L	"	
MAP SHOWS ONLY MESAVERDE AND	APPROVED BY:	API STATE COUNTY	DRAWING	
DAKOTA WELLS	SCALE: 1" = 2640'	039 \ 30	28-7_199	
	STATE PLANE COORDINATES REFERRED TO NAD27 — N.M. WEST STATE PLANE COORDINATES ZONE — 3003	CONOCO INC. OFFICE 10 DESTA DRIVE WEST MIDLAND, TEXAS 79705		

April 6, 1998

San Juan Unit 28-7 # 199 E Section 18, T-28-N, R-7-W, N Rio Arriba County, TX

RE: Application C-107A to Downhole Commingle

Notification of Offset Operators:

Amoco PO Box 800 Denver, CO 80201

A copy of the C-107A has been sent to the above listed parties