Form 3160-3 (July 1992)

SUBMIT IN TRIPLICATE* (Other instructions on

FORM APPROVED OMB NO. 1004-0136

DESCRIPTION PURSUANT to 43 CFR 3488 2 PROPOSED CASHICAND CEMENTING PROCEDAN			EDSIAIES		everse side)	Expires Februar	y 28, 1995			
APPLICATION FOR PERMIT TO DRILL OR DEEPEN a. TYPE OF WORK DRILL DEEPEN		5. LEASE DSIGNATION A	5. LEASE DSIGNATION AND SERIAL NO							
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It is proposed to drill a vertical wellhore to be downhole commingled in the Blanco Mesaverde and Basin Dakota Pools following the	6-1/4" K-55 4-1/2" #11.6			7495'		560 sxs, toc @ 24	560 sxs, toc @ 2400'			
	It is proposed to drill	a vertical wellbore to be	downhole comming	led in the Blanco	Mesaverde	and Basin Dakota Pools fo	llowing the			

acquisition of sufficient production test data for allocation purposes. A downhole commingling application has been filed with the BLM and OCD. An NOS was filed 11/29/94. The well will be drilled and equipped according to the following additional attachments:

- 1. Well Location & Acreage Dedication Plat (C-102).
- 2. Proposed Well Plan Outline.
- 3. Cementing Plan.

an

- 4. Blowout Preventer Hookup..
- 5. Surface Use Plan with Production Facility layout.
- 6. Pipeline Tie Specifications.

This application includes ROW's for the well pad, access road, and pipeline.

SIONED MANUEL STORES	Jerry W. Hoover Sr. Conservation Coordinator	DATE	3/5/97
(This space for Faderal or State off	DECEIVE ADVAL DATE	MAR	2 6 1997
Application approval does not warrant or cert	ify that the applicant holds legal or equitable title to those righs in the subject lease which we	ould entitle the applicant to	conduct operation
APPROVED BY	OIL CON. DIV.	MAR S	2 6 1997

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 of person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements of person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements of the United States any false, fictitious or fraudulent statements.

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV

PO Box 2088, Santa Fc, NM 87504-2088

OGRID No.

API Number

30-039-25666

State of New Mexico
Energy, Minerals & Natural Resources Department RECEIVED

Form C-102 Revised February 21, 1994 Instructions on back

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

Submit to Appropriate District Office State Lease - 4 Copies

* Well Number 230M

Fee Lease - 3 Copies AMENDED REPORT

³ Pool Name

BLANCO MESA VERDE/BASIN DAKOTA

WELL LOCATION AND ACREAGE DEDICATION PLAT

⁵ Property Name

² Pool Code

72319/71599

SAN JUAN 28-7 UNIT

'OGRID	No.	¹ Operator Name								' Élevation
005073	}	c			CONOCO				6656	
¹⁰ Surface Location										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	rect from the East/West line Count		County
P	29	28N	7W		1190'	SOUTH	870'	EAST	1	R.A.
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/Wes	t line	County
	<u> </u>	L								
" Dedicated Acr		or Infill 14 (Consolidatio	a Code 15 O	rder No.		<u> </u>	·		<u> </u>
E/2-320			·							
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	 -	OK A	11014-317	STATE OF	ONLI HY2 RI	EEN APPROVED	***************************************			
16							¹⁷ OPER	RATOR	CERT	IFICATION
Not resu	rveye	d, pre	pared	3	a l		I hereby certij	fy that the in	formation o	ontained herein is nowledge and belief
from a p	lat d	lated 1	1-15-	9 4	57 230		1	Acie io die i	CSI UJ MY K	nowieuge ana beilej
by Henry	7 P. B	roadhu	rst.	3	*				1	
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			■ UU MAR 3 1 1997 🕑			Title	Sr. Conservation Coordinator			
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191	30 t	20006	<u>ا</u>	=	DO	18SURV	¹⁸ SURVEYOR CERTIFICATION			
DEGE[AEV			3	ŀ		I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me				
	APR 1	4 1997	ען	3						surveys made by me same is true and
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PROPOSED WELL PLAN OUTLINE

WELL NAME:

SJ 28-7 UNIT No. 230M SEC 29. UNIT P. T-28N. R-7W. RIO ARRIBA CO., NM EST. GL = +6120' EST. KB = +6133'

LOCATIO	N:	SEC 29, UNIT P, T-28N	, R-7W, RIO ARRIBA CO., NM							
TVD		FORMATION		TYPE OF		CASING		FORMATION	MUD	1
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1000'	MD	TYPE	PROBLEMS	EVALUATION	SIZE			GRADIENT	WT TYPE	DAVO
				207.1207.1110.11	OIZL		31440	GIONDIENT		DAYS
0	 					9-5/8" 36# K-55			8.4 - 8.8#	-
	<u> </u>		-		12-1/4"	ST&C @ 250° CIRC CMT		NORMAL	SPUD MUD	1
					8-3/4"	CIRC CINT		8.4 - 9.4#	8.4 - 9.4#	
]	1
	<u> </u>			1					GEL/WATER	
					İ					
1										1
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]				Į.	
		OJAM @ 1684' KRLD @ 1965'	POSSIBLE WATER FLOW		1					
		KRLD @ 1965'								
2					ŀ	1				1
		FRLD @ 2293'	POSSIBLE GAS FLOW							
		FRED (a) 2293	POSSIBLE GAS FLOW							
1	<u> </u>								1	
1	\vdash				1			i] .
		PCCF @ 2703'	POSSIBLE LOST RETURNS							
		LEWS @ 2878'			8-3/4"	7" 23# K-55 LTC		8.4 - 9.4#		
3						@ 3003'(special drift) CIRC CMT				5
1				MUDLOG F/INT. CSG. PT.		CIRC CMT				
				MODEOG PANT. CSG. PT.	6-1/4"				AIR/AIR MIST	
		1		İ	İ					
		CHRA @ 3616'			1	j j				
1]				
						1				1
4				1	İ	1				
		CLFH/MV @ 4338'	PROBABLE LOST RETURNS			1				
	<u> </u>	MENF @ 4428'	IF FLUID IN HOLE		1					
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	II TEOID IN HOLE							
		1								
		PTLK @ 4895'								
5										
	L									1
		MNCS @ 5301'								
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6				1	1					
1	<u> </u>	GLLP @ 6106'			1					1
1	-									1
		1								
	\vdash				1					
1		GRHN @ 6844'								1
1		GRRS DKOT @ 6898'	POSSIBLE WATERFLOW		1					
7	<u> </u>	TWLS @ 6945'	POSSIBLE OVERPRESSURE							
1	<u> </u>	PAGU @ 7065'	IN DEEP DAKOTA	CASED HOLE LOCS	£ 1/2"	4 100 11 641 70 777		DID . 2500		1
1			·	CASED HOLE LOGS	6-1/4"	4-1/2" 11.6# LTC K55 and 10.5# STC K55 @ 7495'		BHP = 2500 psi BHT = 175 deg F	AIR/AIR MIST	10
1		T.D. @ 7495'	<u> </u>		1	TOC 2400'		211 - 1/2 deg t	 	+ "-
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DATE

24 February, 1997

APPROVED

Roger Williamson
DRILLING ENGINEER

02:09:29 PM 25-Feb-97

