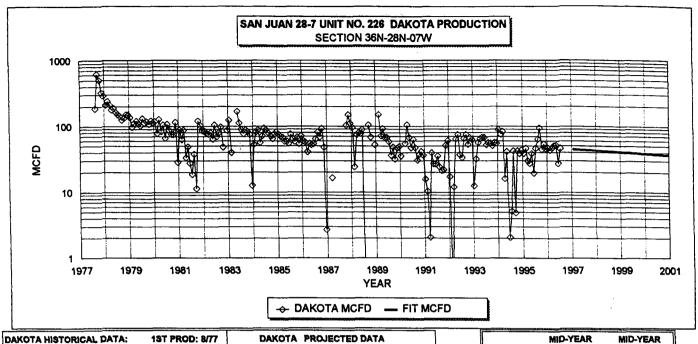
DHC 5/12/97

DISTRICT I O Box 1980, Hobbs, NM 88241 1980 Energy, Minerals and Natural Rasources Department OIL CONSERVATION DIVISION 811 Southi First St. Artesia NM 88210 2835 DISTRICT III DISTRICT III DISTRICT III DISTRICT III APPROVAL PROCESS: Santa Fe, New Mexico 87505-6429 EXISTING WELLBORE OUR Brazos Rd. Aziec, NM 87410 1693 APPLICATION FOR DOWNHOLE COMMINGLING YES NO					
Conoco Inc.	10	Desta Dr. Ste 100W, Midland	l, Tx. 79705-4500		
San Juan 28-7	226	N-36-T28N-R7W	Rio Arriba		
OGRID NO. 005073 Property Cod		Specing	Unit Lease Types: (check 1 or more) , State (and/or) Fee		
The following facts ate submitted in support of downhole commingling:	Upper Zone	intermediate Zone	Lower Zone		
1. Pool Name and Pool Code	Mesa Verde 72319		Dakota 71599		
2. TOP and Bottom of Pay Section (Perforations)	4437' - 5202' OA		7053' - 7308'		
3. Type of production (Oil or Gas)	Gas		Gas		
4. Method of Production (Flowing or Artificial Lilt)	Expected to be Flowing		Flowing		
5. Bottomhole Pressure Oil Zones - Artilicial Lift: Estimated Current Gas & Oil - Flowing:	a (Current) 800 psia	a.	a. 736 psia		
Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b(Original)	b.	ь. 2925		
6. Oil Gravity (*API) or Gas BT Content	1221		1157		
7. Producing or Shut-In?	To Be Completed		Producing		
Production Marginal? (yes or no)	Yes		Yes		
If Shut-In give date and oil/gas/ water rates of lsst production	Date Rates	Date Estes:	Date Rales		
Note For new zones with no production history applicant shad be required to attach production estimates and supporting dars	Incremental		Mid-Year avg.		
If Producing, date and oil/gas/ water rates of recent test (within 60 days)	Production by Subtraction	Dale Rates	rates - see table		
8. Fixed Percentage Allocation Formula -% or each zone	•ii: Gas %	eil: Gas %	oii: Gas		
If allocation formula is based usubmit attachments with supp	ipon something other than curr	rent or past production, or is ba nethod and providing rate proje	sed upon some other method, ctions or other required data.		
10. Are all working, overriding, and royalty interests identical in all commingled zones? If not, have all working, overriding, and royalty interests been notified by certified mail? Have all offset operators been given written notice of the proposed downhole commingling? * Conoco is offset operator to all San Juan 28-7 Unit wells. 11. Will cross-flow occur? X Yes No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. X Yes No					
12. Are all produced fluids from al	I commingled zones compatible	e with each others \underline{x}	'es No		
13. Will the value of production be		Yes X No (If Ye	•		
	Management has been notified	d in writing of this application.	×_Yes No		
15. NMOCD Reference Cases for I	Rule 303(D) Exceptions:	ORDER NO(S).	**************************************		
* G-102 for each zone to be commingled showing its spacing unit and acreage dedication. * Production curve for each zone for at least one year. (If not available, attach explanation.) • For zones with no production history, estimated production rates and supporting data. • Data to support allocation method or formula. • Notification list of all offset operators. • Notification list of working, overriding and royalty interests for uncommon interest cases. • Any additional statements, data, or documents required to support commingling.					
I hereby certify that the informatio		to the best of my knowledge an	d belief.		
SIGNATURE JOM//		TITLE Sr. Conservation Coord	DATE 1/27/97		
TYPE OR PRINT NAME Jerry W. H	Hoover	TELEPHONE NO. (915) 686-6548		



DAKOTA HISTORICAL DATA: 1ST PROD: 8/77		DAKOTA	PROJECTED DATA			
	OIL CUM:	1.09	MBO	1/1/97 Qi:	45	MCFD
	GAS CUM:	500.2	MMCF	DECLINE RATE:	4.7%	(EXPONENTIAL)
	CUM OIL YIELD	0.0022	BBL/MCF			
	OIL VIELD:	0.0022	MO22 BRI MCE I AST 3 VPS			

PRODUCTION FORECAST FOR SUBTRACTION METHOD COMMINGLE ALLOCATION

1996	44	0.1
1997	42	0.1
1998	40	0.1
1999	38	0.1
2000	36	0.1
2001	35	0.1
2002	33	0.1
2003	31	0.1
2004	30	0.1
2005	28	0.1
2006	27	0.1
2007	26	0.1
2008	25	0.1
2009	24	0.1
2010	22	0.0
2011	21	0.0
2012	20	0.0
2013	19	0.0
2014	18	0.0
2015	18	0.0
2016	17	0.0
2017	16	0.0
2018	15	0.0
2019	15	0.0
2020	14	0.0
2021	13	0.0
2022	13	0.0
2023	12	0.0
2024	11	0.0
2025	11	0.0
2026	10	0.0
2027	10	0.0
2028	9	0.0
2029	9	0.0
2030	9	0.0
	'	

YEAR AVG. MCFD

AVG. BOPD

NEW MEXICO OIL CONSERVATION COMMISSION W. LOCATION AND ACREAGE DEDICAT PLAT

All distances must be from the outer boundaries of the Section

El Paso Natural Cas Company San Juan 28-7 Unit (SF-079294) 226	Operator		VII distances most p	Legso				Well No.
No allowable will be assigned to the well until all interests have been consolidated. (Use reverse side of this form in accessor). No allowable will be assigned to the well until all interests have been consolidated (by communitization, untilization, force-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. Sep 19294 Sep 19294 Sep 19294 Rio Arriba Rio	•	ural Cas Com	many		uan 28-7	Unit (SF-0792	
Actival Footises Location of well: 1110 feet from the South South Inne and 1810 feet from the West Inne			j '	1	,	-		
Pool Basin Dakota			NON SON	1 70		KIO I	arriba_	
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royally). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, untitization, force-pooling, etc? Yes				a 1840	feet	from the	west	
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?	1	1	mation	D 1	asin Da	kota		328.82
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?			ted to the subject				maska an th	Acres
interest and royalty). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?	. 1. Outline the	. acreage deutca	ted to the subject	well by color	ed pencii o	r nachure	marks on th	ie piat below.
Warch 23, 1971 Second Processors Second			dedicated to the w	ell, outline e	ach and ide	ntify the o	wnership tl	hereof (both as to working
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my fonoyledge gad being. Drilling Clerk Position El Paso Natural Gas Co. Consulty 29, 1974 Dete Sec 366 I hereby certify that the well location shown on this plan was platted from field notes of actual surveys made by me or under my supervision, and that he same is true and correct to the best of my knowledge and belief. Dote Surveyed March 23, 1971: Frequisioned Frequisional Sectioner and Container and					o the well,	have the i	nterests of	all owners been consoli-
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my fonoyledge gad being. Drilling Clerk Position El Paso Natural Gas Co. Consulty 29, 1974 Dete Sec 366 I hereby certify that the well location shown on this plan was platted from field notes of actual surveys made by me or under my supervision, and that he same is true and correct to the best of my knowledge and belief. Dote Surveyed March 23, 1971: Frequisioned Frequisional Sectioner and Container and	Y Yes	□ No If a	nswer is ''ves'' type	e of consolida	ition Im	i ti zati:	On	. :
this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knoyledge gad-ballet. Position El Paso Natural Gas Co. Containing 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 knowledge and belief. Date Surveyed Varch 23, 1911 Free Land Surveyed Varch 23, 1911 Free Land Surveyed Varch 23, 1911 Free Land Surveyed Varch 23, 1914 Free Land Surveyed			, ,	•				•
No allowable will be assigned to the well until all interests have been consolidated (by communitization, untilization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of m individege god balls. Position El Paso Natural Gas Co. Commany 29, 1974 Date I hereby certify that the well location shown on this plat was platted 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 knowledge and bolief. Date Surveyed Yarch 23, 1971 Regulatory Processions (Teachiner and Control of the Commany (1)) Prod. R. Noty Jr. Criticate No.			owners and tract de	scriptions wh	ich have ac	ctually bee	en consolid	ated. (Use reverse side of
forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of of Knoyledge gad-ballet. Drilling Clerk Postulen El Paso Natural Gas Co. Cumagany 29, 1974 Data I hereby certify that the well location about no this plat was plotted from field notes of actual surveys made by one or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Data Da			ed to the well until	all interests	have been o	consolidate	ad the com	munitization unitization
Sec 36 SF-079294 Sec 36 I hereby certify that the information contained herein is true and complete to the best of my funy-ledge gnd healer. Drilling Clerk Position El Paso Natural Gas Co. Campany 29, 1974 Date I hereby certify that the well location shown on this plat was platted fron 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 knowledge and belief. Date Surveyed March 23, 1971 Fred Ps (rathered Professkynd) regiment on down down down down down down down d								
Sec 36 I hereby certify that the Information contained herein is true and complete to the best of my implicitly god healer. Drilling Clerk Position El Paso Natural Gas Co. Camany 29, 1974 Dete Sec 36 I hereby certify that the well lecation 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 knowledge and belief. Date Surveyed Varch 23, 1971 Freak Ps. Kehr Jr. Certification.	<u></u>		·					:
sec 36 SF-079294 Sec 36 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 knowledge and belief. Date 18401 Date Tell 7. Kerr Jr. Contilicate No.	ki	1						CERTIFICATION
sec 36 SF-079294 Sec 36 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 knowledge and belief. Date 18401 Date Tell 7. Kerr Jr. Contilicate No.		1	8					
Sec 36 SF-079294 Sec 36 I hereby certify that the well facation 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 knowledge and belief. Date Surveyed March 23, 1971 Registrated Professional, Sealineer and/or Lend Surveyed? March 23, 1971 Registrated Professional, Sealineer and/or Lend Surveyed? Pred B. Kehr Jr.s. Contilicate the.	X	1	×	. 1		1.	3	
Sec 36 SF-079294 Sec 36 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 knowledge and belief. Date Surveyed March 23, 1971 Registrated Prologistic and, Registrary and and actual surveys and actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed March 23, 1971 Registrated Prologistic and, Registrary and actual surveyor and or Land Surveyor and surveyor an	×		×	1	.*		1	
Position El Paso Natural Gas Co. Company 29, 1974 Date 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 knowledge and belief. Date Surveyed March 23, 1971: Requirered Proteststend, Requirere and/or Land Surveyers Pred P. Kehr Jr. Contilicate No.	8	1	· . · .	į			1911) W Dood
Position El Paso Natural Gas Co. Company 29, 1974 Date 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 knowledge and belief. Date Surveyed March 23, 1971: Requirered Proteststend, Requirere and/or Land Surveyers Pred P. Kehr Jr. Contilicate No.	×	ļ		I			Thomas The	and I was
El Paso Natural Gas Co. Company 29, 1974 Date 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 knowledge and belief. Date Surveyed March 23, 1971. Requisitered Protessional Regimeer and/or Land Surveyor? Fred P. Kohr Jr. Cortilicate No.	Ø	+	XI					ng Clerk V
Sec 36 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 knowledge and belief. Date Surveyed March 23, 1971 Rostituted Professional, Regiment and/or Land Surveyor? Fred P. Kehr Jr. Cortilicate No.		i	X	1	•]		o Natural Gas Co.
Sec 36 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 knowledge and belief. Date Surveyed March 23, 1971 Rostituted Professional, Regiment and/or Land Surveyor? Fred P. Kehr Jr. Cortilicate No.		1	×			1	Compony July 2	9. 1974
Sec 36 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 knowledge and belief. Date Surveyed March 23, 1971 Requirered Professional Regiment and/or Land Surveyor: Fred Re Kehr Jr. Cortilicate No.		1 }	. 🛭	i				
I hereby certify that the well location shown on this plat was plotted from field noies of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed Varch 23. 197! Requisitered Professional Regiment and/or Land Surveyor: Fred P. Kar Jr. Cortilicate No.	×	i	×	1		l		
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 knowledge and belief. Date Surveyed March 23, 1971 Registered Professional Registered and/or Land Surveyor: Fred Re Kar Jr. Cortilicate No.	8	<u> </u>		-				
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 knowledge and belief. Date Surveyed March 23, 1971 Registered Professional Registerer and/or Land Surveyers Fred R. Karr Jr. Contilicate No.	×	l I ·	X 30	İ				
notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed March 23, 197! Registered Professional Technical and/or Land Surveyors Fred P. Karr Jr. Cortilicate No.	\aleph		×		~	•	1	
Is true and correct to the best of my knowledge and belief. Date Surveyed Varch 23, 197! Registered Professional Facilities and/or Land Surveyor: Fred Po Korr Jr. Cortificate No.	× '	SE -0,7 52 54	Ø	· · · · · · · · · · · · · · · · · · ·			notes of	actual surveys made by me or
Date Surveyed March 23, 1971 Registered Professional Sequence and/or Land Surveyor: Tred P. Kehr Jr. Continuate No.	Ø	1		i		.	1 '	•
Date Surveyed March 23, 1971 Registered Professional Regimeer and/or Land Surveyors Fred P. Kehr Jr. Continuate No.	X	i	×	1	• •	- 1		
Date Surveyed March 23, 1971 Registered Professional Findinger and/or Land Surveyor: Fred P. Kehr Jr. Certificate No.	X 38107 -	+					}	
March 23, 1971. Registered Professional Regimeer and/or Land Surveyors Fred P. Kehr Jr. Certificate No.	1040-			I		1		
Fred P. Kerr Jr. Cortilicate No.	8	5	×	. !			1	
Fred P. Kerr Jr. Cortilicate No.	×	- 1	×	1		I		
Cortilicate No.		! ~ }	· 🕅	i		.		
Cortilicate No.		1	Ø	!			the	ession
0 330 660 60 1320 1050 1980 2310 2840 2000 1500 1000 500 0 3950	\$225000	3200						No. Korr Ur.
	0 310 660	60 1320 1650 19	80 2310 2640	1500	1000	500 0	3950	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1

