			/					
OATE IN 1	13/00	SUSPENSE 2/3	/00		\sim	LOGGED BY	KV	TYPE DHC
6	((/	OVE THIS LINE FOR DR	VISION USE ONLY			
		NEW N		OIL CONS		ION DIV	ISION	
				- Engineering			<u></u>	·
<u> </u>		ADMINIS ⁻	RATIV	E APPLIC	CATION	I COVE	RSHEE	Γ
·	THIS COVERSH	EET IS MANDATORY	FOR ALL ADMINI	STRATIVE APPLICA	TIONS FOR EX	CEPTIONS TO (DIVISION RULES A	ND REGULATIONS
Application	[PC-I	[DD-[wnhole Comm Pool Comming [WFX-Water]	Directional lingling] [C ling] [OLS flood Expar alt Water E	- Off-Lease \$ nsion] [PMX-I)isposal] [IPI	Simultane ommingling Storage] (Pressure N -Injection I	ous Dedic g] [PLC-Pc DLM-Off-L /aintenanc Pressure I	cation] ool/Lease Co ease Measu ce Expansior ncrease]	pmmingling] rement]]
[1] T	YPE OF AF [A]	PLICATIO Location - S) <u></u> [[]]]] JA	
	Check [B]	One Only fo Comminglin			ement		KOR CONSE	
	[C]	Injection - I	Disposal - DPMX	Pressure Inc	crease - E	nhanced (DEO)		-
[2] N	OTIFICAT	TON REQU						s Not Apply
	[B]	Offset O	perators, l	Leaseholders	s or Surfa	ce Owner		
	[C]	Applicat	ion is One	Which Reg	uires Pub	lished Le	gal Notice	
	[D]			r Concurren Igement - Commiss	~ -	•		
	[E]	G For all c	f the abov	e, Proof of 1	Notificati	on or Pub	lication is A	Attached, and/or,
	[F]	Waivers	are Attac	hed				

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement stats be completed by an individual with supervisory capacity.

(281)	293-100	L Moregulatory	
Deborah Moore (201) Print or Type Name	Signature	Title	v Analyst
			5

1/11/00 Date

DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 DISTRICT II 811 South First St., Artesia, NM 88210 DISTRICT III 1000 Rio Brazos Rd, Aztec, NM 87410 DISTRICT IV 2040 S. Pacheco, Santa Fe, NM 87505

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

Form C-107-A Revised August 1999 **APPROVAL PROCESS:** Administrative ____Hearing

2040 S. Pacheco Santa Fe, New Mexico 87505-6429

EXISTING WELLBORE

	APPLICATION FOR DOV	VNHOLE COMMINGLING	_X_YESNO
Conoco Inc.	P.O. Box 2197 Houston, T.	X 77252-2197	
	Addre: 48 L, Sec. 21, 28	BN & 7W Ri	o Arriba
OGRID NO Property Co	016608	- Sec - Twp - Rge	County cingi Unit Lease Types: (check 1 or more)
The following facts are submitted in support of downhole commingling:	Upper Zone Basin Fruitland Coal 71629	Intermediate Zone Blanco Pictured Cliff South 72439	Lower Zone Blanco Mesaverde 72319
Pool Code 2. Top and Bottom of Pay Section (Perforations)	2630 – 2660 Proposed	2430 – 2621 Proposed	4282 - 4874
3. Type of production (Oil or Gas)	Gas expected	Gas expected	Gas
4. Method of Production (Flowing or Artificial Lift)	Expected to flow	Expected to flow	Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift:	a. ^(Current) 432psi	a. 360psi	a. 540psi
Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b. ^(Orginal) 1167psi	b. 1119psi	b. 1250psi
6. Oil Gravity (EAPI) or Gas BTU Content	1045	1189	1250
7. Producing or Shut-In?	To be completed	To be completed	Producing
	Yes	Yes	
Production Marginal? (yes or no)	Date: Bates: est. 150-250 MCFD	Date: Bates: est. 200-300 MCFD	Date: Rates: Approx. Current 75MCFD

 If Shut-In, give date and oil/gas/ water rates of last production 	Rates: est. 150-250 MICFD	Rates: est. 200-300 MCFD	Rates: Approx. Current 75MCFD	
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data		Date:	Date: Rates:	
 If Producing, give date andoil/gas/ water rates of recent test (within 60 days) 	Rates:	Rates:		
 Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%) 	Oil: Gas: %	Oil: Gas: %	Oil: Gas: %	
 If allocation formula is based up attachments with supporting data 	pon something other than current o data and/or explaining method and	or past production, or is based u d providing rate projections or	pon some other method, submit 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? Yes X No

11. Will cross-flow occur?	X Yes	No Ifyes, a	re fluids compatible,	will the f	ormations no	ot be damaged,	will any cross-
flowed production be r	ecovered, and	will the allocatio	n formula be reliable	e. <u>X</u>	Yes No	(If No, attach	explanation)

And all anadyseed flyide from all comparingled manage compatible with each ath an	V Vee / Ne
Are all produced fluids from all commingled zones compatible with each other?	<u>X</u> Yes No

13. Will the value of production be decreased by commingling?	Yes <u>X</u> No	(If Yes, attach explanation)
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14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. ___Yes ___ No

15. NMOCD Reference Cases for Rule 303(D) Exceptions:	ORDER NO(S).
---	--------------

12.

* Production curve * For zones with nc * Data to support a * Notification list of	for each zone for at least one ye p production history, estimated p illocation method or formula.	ts spacing unit and acreage dedica ear. (If not available, attach explan roduction rates and supporting dat interests for uncommon interest ca quired to support commingling.	ation.) a.
I hereby certify that the informat		to the best of my knowledge and be Regulatory Analyst	DATE 1/4/00
TYPE OR PRINT NAME	eborah Moore	TELEPHON	ENO.(_281) 293-1005

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy, Minerals & Natural Resources

Form C-102 Revised March 17, 1999

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe. NM 87505

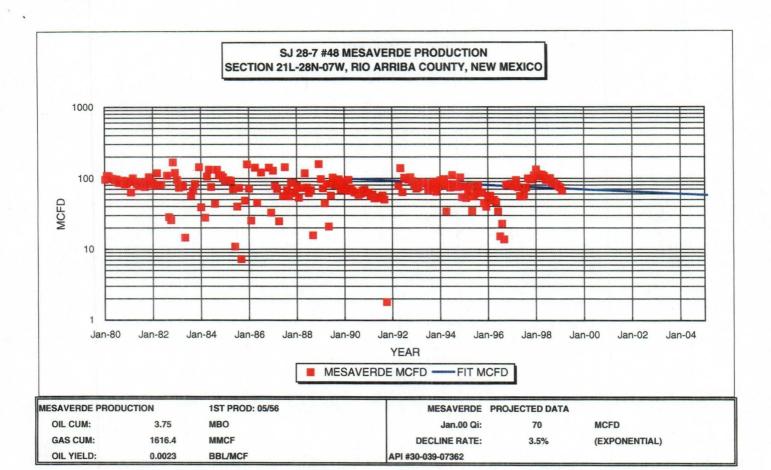
Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

		W	ELL LO	CATION	N AND ACR	EAGE DEDIC	ATION PLA	AT		
1 A	PI Number	t		² Pool Code			³ Pool Nar	ne		
30-039-07362			710	529/72439/7	2319	Basin Fruitland (Coal, Blanco PC	South, Blanco M	esaverde	
⁴ Property C	ode			·	⁵ Property N	lame		• W	⁶ Well Number	
016608					San Juan	28-7			48	
⁷ OGRID N	lo.				⁸ Operator I	Name		9	Elevation	
005073					Conoco Ia	nc.				
L					¹⁰ Surface 1	Location		····		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
L	21	28N	7W		1600'	South	800'	West	Rio Arriba	
<u> </u>			¹¹ Bo	ttom Hol	e Location If	Different From	n Surface		······································	
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County	
¹² Dedicated Acres	¹³ Joint of	r Infill 14 C	onsolidation	Code ¹⁵ Or	der No.	······				
320/160/80	I	U								

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

1600,	Signature and Seal of Professional Surveyer:
<u> 300.</u>	¹⁸ SURVEY OK 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 Koloral Moore Printed Name Deborah Moore Title Regulatory Analyst Date 1/5/00
16	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief



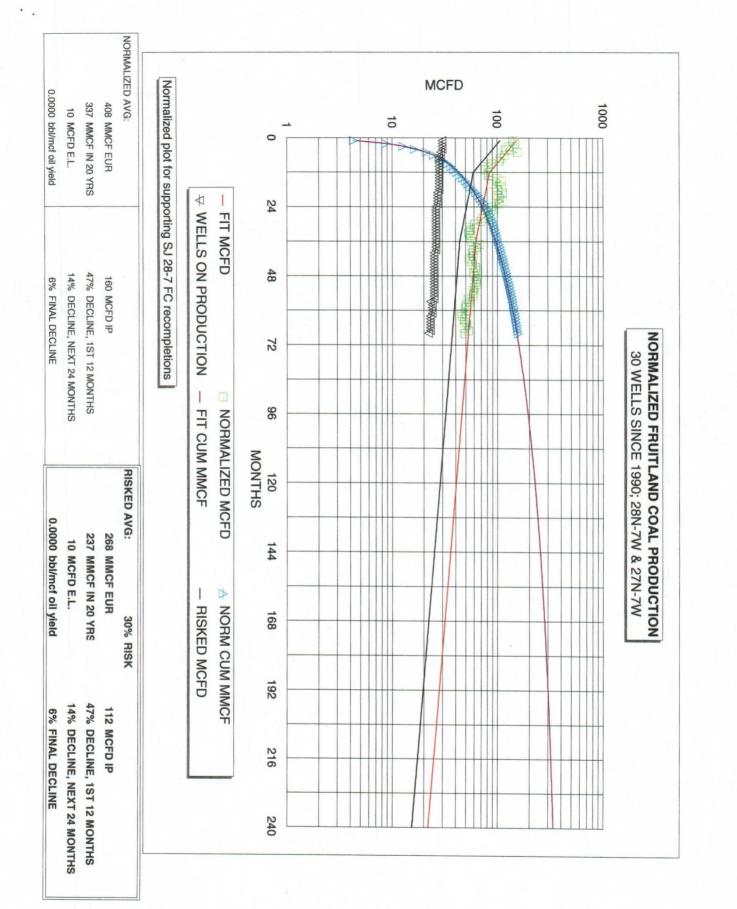
PRODUCTION FORECAST FOR	SUBTRACTION METHOD	COMMINGLE ALLOCATION
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	MID-YEAR	MID-YEAR
YEAR	AVG. MCFD	AVG. BOPD
2000	69	0
2001	66	0
2002	64	0
2003	62	0
2004	60	0
2005	58	0
2006	56	0
2007	54	0
2008	52	0
2009	50	0
2010	48	0
2011	46	0
2012	45	0
2013	43	0
2014	42	0
2015	40	0
2016	39	0
2017	38	0
2018	36	0
2019	35	0
2020	34	0
2021	33	0
2022	31	0
2023	30	0
2024	29	0
2025	28	0
2026	27	0
2027	26	0

NORMALIZED AVG: 0.000158 bbl/mcf oil yield Normalized plot for supporting SJ 28-7 PC recompletions MCFD 522 MMCF EUR 524 MMCF/ 33.5YRS 10 MCFD E.L. 10000 1000 100 10 0 - FIT MCFD 24 PROD. SINCE 1980; 15 PC WELLS LOCATED IN 28N-7W AND 27N-7W (Secs. 1:12) 50% DECLINE, 1ST 12 MONTHS 15% DECLINE, NEXT 36 MONTHS 250 MCFD IP AND ADD ADD **7% FINAL DECLINE** 48 NORMALIZED PICTURED CLIFFS PRODUCTION 72 - FIT CUM MMCF NORMALIZED MCFD 96 MONTHS **RISKED AVG:** 0.000158 bbl/mcf oil yield 120 349 MMCF/ 27.8 YRS 350 MMCF EUR 10 MCFD E.L. 144 A NORM CUM MMCF RISKED MCFD 30% RISK 168 **15% DECLINE, NEXT 36 MONTHS** 50% DECLINE, 1ST 12 MONTHS 175 MCFD IP **7% FINAL DECLINE** ANN ANN 192 216

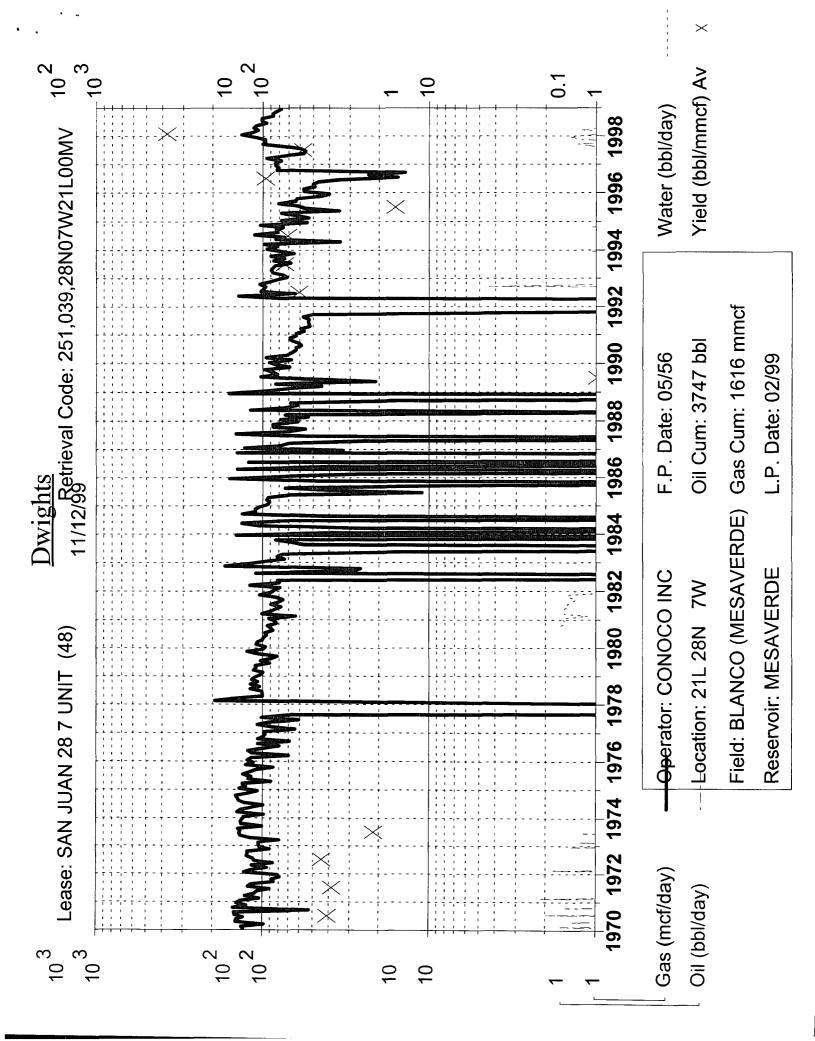
11/30/99 07:01 AM 287PC1.WK4 \

RE: M.Shannon



11/30/99 06:57 AM 287FD.WK4 \

RE: M. Shannon



		0	33,422	180	Total
	د	0	2,016	0	02/1999
	-	0	2,263	2	01/1999
	ч	0	2,356	5	12/1998
	4	0	2,510	13	11/1998
	د	0	2,649	4	10/1998
100	4-	0	2,630	25	09/1998
	4-	0	3,066	10	08/1998
Gas Production	-	0	3,071	11	07/1998
	1	0	2,881	23	06/1998
~	Ъ	0	3,308	23	05/1998
10		0	3,441	27	04/1998
Oil Production	WELLS	WATER, BBLs 0	GAS, MCF 3,231	OIL, BBLs 37	DATE 03/1998
FP Date: 56-05 LP Date: 99-02 Liq Since: FPDATE Gas Since: FPDATE	Well #: 48 Location: 21L 28N 7W Liquid Cum: 3,747 bbls Gas Cum: 1,616,377 mcf Status: ACT GAS	Well #: Location: Liquid Cum: Gas Cum: Status:	IT RDE) MV LOOMV	Lease: SAN JUAN 28 7 UNIT Field: BLANCO (MESAVERDE) MV Operator: CONOCO INC RCI #: 251,039,28N07W21L00MV API #: 30-039-07362-00	Lease: Field: Operator: RCI #: API #:

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