## 30-039-23337



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor BETTY RIVERA Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

November 19, 2002

Office of the Secretary Federal Energy Regulatory Commission 888 First Street, N.E. Washington, DC 20426 Attn: Marilyn Rand

RE: Amoco Production Company Bunce Com No. 1 Gallegos Canyon Unit No. 506

> Conoco Inc. San Juan 28-7 Unit No. 165M State Com AI No. 33E State Com K No. 7R State N No. 1

Ms. Rand:

Enclosed are your copies of the approved NGPA applications for the above applicants.

Sincerely,

Valdes

Kathy Valdes

Enclosure

ENERGY /	of New Mexico AND MINERALS DEPARTMENT UNSERVATION DIVISION 2040 Pachases Str 1220 S.		Form C-132 Revised 10/1/86
- OR Data and the second se	nta Fe, NM 87505	SP. 1147613 Kr.	SA. Indicate Type of Lease
JSE ONLY: APPLICATION FOR WELLHEAD PRICE		MINATION	STATE X FEE 5. State Oil & Gas Lease No.
	N <u>O</u>	- FILING FEE(S) -	E 2825-6
DATE COMPLETE APPLICATION FILED July 17, 200	aı	Effective October 1, 1986, non-refundable filing fee of	
DATE DETERMINATION MADE <u>May, 18, 2602</u>		25.00 per category for each plication is mandatory. (Rule	
WAS APPLICATION CONTESTED? YES NO		2, Order No. R-5878-8-3	891000459B
VAME(S) OF INTERVENOR(S), IF ANY:			8. Farm or Lease Name San Juan 28-7 Unit
. Name of Operator			9. Well No.
Conoco Inc			165M
. Address of Operator			10. Field and Pool, or Wildcat Blanco Mesa Verde
O Box 2197 Houston TX 77252			12. County
Location of Well UNIT LETTER LOCATED		SOUTH_LINE	12. County
AND 830 FEET FROM THE EAST LINE OF SEC. 16	TWS. 27N RGE.	07W NMPM	Rio Arriba
1. Name and Address of Purchaser(s)			
l Paso Field Services, Farmington, NM; Giant Refinery, Blo	oomfield, NM		<u></u>
Check appropriate box for category sought and it	information submitted. Ent	er required information of	on lines 1 and 2, below.
All items required B. NEW NATURAL G All items required C. NEW ONSHORE P All items required D. SEC. 107 HIGH CO PRODUCTION ENHAL All items required	ERMIT TO DRILL, DEEP OR RECOMPLETION RE SURVEY, IF REQUIRED U OR DELIVERY st contain the items required or Wellhead Price Ceiling O GAS UNDER SEC. 102 (c) i by Rule 14 (1) and/or Rul GAS UNDER SEC. 102 (c) i by Rule 15 RODUCTION WELL UNIT i by Rule 15 RODUCTION WELL UNIT i by Rule 16a OR Rule 16B OST NATURAL GAS (TIG NCEMENT) UNDER SEC d by Rule 17 (1), Rule 17 ( NATURAL GAS UNDER SE i by Rule 18	PORT INDER RULE 111 d by the applicable rule of Category Determinations <sup>1</sup> (1) (B) (using 2.5 Mild le 14 (2) (1) (C) (new onshore rule DER SEC. 103 HT FORMATION, DEE 2. 103 (2), Rule 17 (4), or Rule	e or 1000 Feet Deeper Test) eservoir) EP, COAL SEAM, AND e 17 (5)
HEREBY CERTIFY THAT THE INFORMATION CONTAINED		FOR DIVISION USE	ONLY
IEREIN IS TRUE AND COMPLETE TO THE BEST OF MY NOWLEDGE AND BELIEF.	Approved		
Yolanda Perez	Disapproved	I	
NAME OF APPLICANT (TYPE OR PRINT)			
			all of the information required
Molanda Perez		ncant under subpart 8	of Part 274 of the FERC
SIGNATORE OF APPLICANT	regulation	V UT M.	
Atle Senior Regulatory Analyst	1100	mal sla	
Date July 11, 2002		EXAMINER	

WORKING INTEREST OWNER LIST SAN JUAN 28-7 UNIT # 165M API 30-039-23337 BLANCO MESA VERDE FORMATION 5

## W G PEAVY OIL CO 221 WOODCREST DR RICHARDSON, TX 75080-2038

HELEN LOUISE SIMMONS 2420 WABASH AVE FORT WORTH, TX 76109-1018

### JUNE S LIVELY 3529 BELLAIRE DR N FORT WORTH, TX 76109-2110

MARY JEANNE SIMMONS BANKS 2104 WINTER SUNDAY WAY ARLINGTON, TX 76012-4941

CAROLEE SMITH 6704 ASHBROOK DR FORT WORTH, TX 76132-1140

DUGAN PRODUCTION CORP P O BOX 420 FARMINGTON, NM 87499-0420

D J SIMMONS CO LTD PARTNERSHIP P O BOX 1469 FARMINGTON, NM 87499

BURLINGTON RESOURCES OIL & GAS CO ATTN: RHONDA ROGERS P O BOX 4289 FARMINGTON, NM 87499-47289

> WISER OIL CO P O BOX 972000 DALLAS, TX 75397-2000

## APPLICATION FOR WELL CATEGORY DETERMINATION PURSUANT TO SECTION 270 OF THE FEDERAL ENERGY REGUTLATORY COMMIMISSION'S **REGULATIONS IMPLEMENTING** THE NATURAL GAS POLICY ACT OF 1978 (NGPA)

## AFFIDAVIT

## STATE OF TEXAS

## COUNTY OF HARRIS)

i.

Yolanda Perez, being duly sworn deposes and says that she is the authorized person of Conoco Inc. responsible for verifying pertinent data with respect to the well for which this application is being made, and that she is authorized to submit this application on behalf of Conoco Inc...

Affiant further states that to the best of her knowledge, information and belief, and on the basis of the results of her search and examination, one or more of the following responses apply to the well for which this application is being made:

## SAN JUAN 28-7 UNIT # 165M, API #30-039-23337, NM- 48

#### The natural gas is being produced from a tight formation through: a)

- A well the surface drilling of which began after December 31. 1979, but before January 1, 1993;
- A recompletion commenced after January 1, 1993, in a well ii. the surface drilling which began after December 31, 1979, but before January 1, 1993; or
- Through a recompletion that was commenced after December iii. 31, 1979 but before January 1, 1993, where such gas could not have been produced from any completion location in existence in the well before January 1, 1980; and
- The applicant has no knowledge of any information not described in the b) application, which is inconsistent with her responses set forth herein.

Manda Perez 7. Regulatory Analyst

SUBSCRIBED AND SWORN TO BEFORE ME, this 3/st day of MAY 2002.

owers

Notary Public in and for the State of Texas





## A. THE NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL **PRODUCING:**

- A1 \_\_\_\_\_ occluded natural gas from coal seams.
- $\begin{array}{c} A2 \\ A3 \\ \hline \end{array} \quad natural gas from Devonian shale. \\ natural gas from a designated tight formation. \\ \end{array}$

## **B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:**

## 1. Well Name and No.\* San Juan 28 7 Unit #165M

2. Completed in (Name of Reservoir) \* Blanco Mesaverde

## 3. Field \* Blanco Mesaverde

4. County \* Rio Arriba

...

- 5. State \* New Mexico
- 6. API Well No. (14 digits maximum. If not assigned, leave blank.)

30-039-23337

9. Measured Depth of the Completed Interval (in feet) TOP 5301 BASE 5537

## C. APPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS **RESPONSIBLE FOR APPLICATION:**

1.	Applicant's Name * Conoco Inc.	Burden of Land Management
	Street * P.O. Box 2197, DU 3084	(NGPA)
3.	City * Houston	ALBUTTUFETOUE NEW MEXICO
4.	State* Texas	DRUKET NO. 5. Zip Gode 77252-2197
6.	Name of Person Responsible * Yolanda P	erez
7.	Title of Such Person * Sr. Regulatory An	alyst
8.	Signature	and Phone No. (281) 293 - 1613

SIGNIFIES THAT LINE ENTRY MAY CONTAIN UP TO 35 LETTERS AND/OR NUMBERS.

FERC Form-121 (1/2000) Federal Energy Regulatory Commission Washington D.C. Form Approved OMB No. 1902-0038 (Expires 9/30/03)

## **APPLICATION FOR DETERMINATION**

## **GENERAL INSTRUCTIONS**

1. **Purpose:** This form is to be used to provide basic data on each application for a well category determination that is filed with a Jurisdictional Agency to qualify the natural gas produced from such well as (a) occluded natural gas produced from coal seams, under section 107(c)(3) of the Natural Gas Policy Act of 1978 [15 U.S.C. 3301] (NGPA), (b) natural gas produced from Devonian shale, under section 107(c)(4) of the NGPA, or (c) natural gas produced from a designated tight formation, under section 107(c)(5) of the NGPA, in order to substantiate the eligibility of such natural gas for a tax credit under Section 29 of the Internal Revenue Code. The Commission will use this data, together with the other information contained in the Jurisdictional Agency's notice of determination, to evaluate whether substantial evidence exists to support the determination.

**2. Who must submit:** Anyone who files an application with a Jurisdictional Agency identified under Section 270.401 of the Commission's Regulations for a well category determination.

3. What and where to submit: The original of this form, and all of the information required by Section 270.302, 270.303, 270.304, or 270.306 of the Commission's Regulations must be filed with the Jurisdictional Agency. The Jurisdictional Agency making a determination must file the original of this form, with all of the other information required under the applicable Commission Regulations, with the Office of the Secretary, Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426. Applicants should retain one copy of each completed form for their files for 4 years.

4. These are mandatory filing requirements.

## 5. The data on this form are not considered confidential and will not be treated as such.

6. Where to send comments on the public reporting burden: The public reporting burden for this collection of information is estimated to average 0.25 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate, or any aspect of this collection of information, including suggestions for reducing this burden, to the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426 (Attention: Mr. Michael Miller, CI-1) and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, D.C. 20503 (Attention: Desk Officer for the Federal Energy Regulatory Commission). Persons subject to providing this information will not be penalized for failing to respond to these collections of information unless the collection of information displays a valid OMB control number.

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FILE				,	5A, Indicate	Type of Lease
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LAND OFFICE	<b></b>				.5. State Oil &	Gas Lease No.
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6636' GL	Stat	tewide				<u> </u>
	P	ROPOSED CASING AND	CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	I SACKS OF	CEMENT	EST. TOP
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7 7/011	4 1/2"	10.5# & 11.6#	7.695'	1751		C
7 7/8"				1351 cu	<u>ft.</u> 3	<u>Stg- to Cove</u>
					<u>ft.</u>	<u>Stg- to Cove</u> Ojo Alamo
	sing Cementing					Ojo Alamo
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				Registered Protectional Engineer

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STATE OF N								7		Form C-105 Revised 10-1-78
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FILE		4								2825-6
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5. Date Spudded		Reached 17. Do				Elevation	s (DF, RK	B. RT. GR. 4	<u>10 A</u>	riba Allini 9. Elev. Cashinghead
12-6-83	12-2	0-83	1-11-84				6648'KE			6636'
0. Total Depth	21. P	lug Back T.D.		lf Multip Many	le Compl., Ho			, Rotary To	ola	, Cable Tools
7699'		7679'						Rotary	r	
4. Producing Interval										25. Was Directional Surve Made
		- 7584' (Dal	kota)							No
5. Type Electric and (	Other Logs Run						·		27.	Was Well Cored
PFC Chart,	IEL, Temp							•		No
3					ort all strings	set in w				
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SIZE	TOP	BOTTOM	SACKS C	EMENT	SCREEN		SIZE	DEPTH		PACKER SET
							2 3/8"	7558	T	
	()			.	1					
Perforation Record										UEEZE, ETC.
7410 w/ 1 S 7537, 7544,			7530,		and the second se	- 758				ND MATERIAL USED
1331, 1344,	1303, 150	54 w/ 2 5pz			7410	- 730		42,000#	sano	& 109,190 gal.
					UCTION					
c/o 1-4-84		Wing - Capa								s (Prod. or Shut-in)
te of Test	Hours Tested	Choke Size	Prod'n. 1		OII - BH.		- MCF	Water - B	Shut	
1-11-84	SI 7 day		Test Per		0	1	0			Gas - Oil Ratio
w Tubing Press.	Casing Pressu	re Calculated 2 How Rate			Gas - Ma		Water -	- Bbl.	011	Gravity - API (Corr.)
SI 2054	SI 2324		NO F	low	No Fi	low	No	Flow		
Disposition of Gas ( Shut In - T		iel, vented, etc.)						Test With		-
List of Attachments								Gren	Sper	
								•		
I hereby certify that	the information	shown on both sid	les of this for	rm is true	and complete	to the b	est of my k	nowledge and	d belief	
A	1.	•								
SIGNED A.	J. Su	sco	TITI	F Dr	illing Cl	lerk	•	DAT	Ia	nuary 18, 1984

TITLE \_\_UTIIIIng LIETK

DATE January 18, 1984

This form is to be filed with the approp. visities of the Division and later than 20 - ys after the completion of any newly-defiled or despend will. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be mansured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, liems 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	•		Southeastern New Mexico			Nor	thwestern	New Mexico	•
Т.	Anhy		T. Canyon	T.	Oio Alamo	2360		T. Penn. "B"	
T. 5	5alt		T. Strawn	· T.	Kirtland-F	-	24231	T. Penn. "C"	
8. 5	ialt		T. Atoka	T.	Pictured (	Cliffs	3093'	T. Penn. "D"	
T. 1	ates		T. Miss	T.	Chacra	4030, M	4768'	T. Leadville_	
T. 7	Rivers_		T. Devonian	T.	Menefee		4790'.	T. Madison	
т. с	ueen		T. Silurian	Т.	Point Lool	kout	5300 .	T. Elbert	
T. G	ir ayburg _		T. Montoya	T.	Mancos			r. McCracken	
T. S.	an Andres		T. Simpson	T.	Gallup		1	r. Ignacio Qtzt	e
T.G	lorieta		T. McKee	Bas	e Greenhor	n7	288' 1	C. Granite	
1. P	addock		T. Ellenburger	T.	Dakota	.7	<u>522'</u> 1	R	
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انددعح		171	Graneros	11					<sup>k</sup>
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7522'									·
522'									

	TED STATES	
	NT OF THE INTERIOR	FORM APPROVED Budget Bureau No. 1004-0135
	LAND MANAGEMENT	Expires: March 3 1,1993 5. Lease Designation and Seriai No.
		E 2825-6
	AND REPORTS ON WELLS ill or to deepen or reentry to a different reservoir.	6. If Indian, Allones or Tribe Name
	PRPERMIT—" for such proposals	
SUBMIT	IN TRIPLICA TE	7. If Unit or CA, Agreement Designation
I. Type of Well		891000459B
Oil Well         Gas Well         Other           2. Name of Operator         Other         Other		8. Well Name and No. San Juan 28-7 Unit # 165M
Conoco Inc		9. API Well No.
3. Address and Telephone No. 10 DESTA DR. STE. 100W, MIDLAND	TX 79705-4500 (915) 686-5424	30-039-23337 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage. Sec., T. R. M. or Survey Des		Basin Dakota
17401 EST & 9201 EET 6	Sec. 16, T 27N, R 7W, Unit Ltr. 'I'	11. County or Parish, State
1/00 FSL & 050 FEL, S	sec. 10, 1 2/N, K / W, Onit Lir. T	Rio Arriba, NM
	s) TO INDICATE NATURE OF NOTICE, REPOR	
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
Subsequent Repon	Plugging Back	Non-Routine Fracrunng
	Casing Repair	Water Shut-Off
Final Abandonment Notice	Altering Casing Other Well Number Change	Conversion to Injection
		Dispose Water Note: Reponresuitsof multiplecomplitionenWdl Completion or Recompletion Report and Log form.)
Please change the well number as follows, this From: San Juan 28-7 Unit, Well # 165E To: San Juan 28-7 Unit, Well # 165M	request is from the NMOCD:	RECEIVED BLM 98 AUG 14 AM 10: 25 070 FARMINGTON, NM
14. I hereby certify that the foregoing is true and correct	Bill R. Keathly	EPTED FOR RECU
Signed Chief A. Conditions of approval if any:		AUTO 1 7 198
(This space for Federai or State office use) Approved by	TitleEX_	

See	Instruction	on Rey	erse Side	•
	0.71	1 the 0 4.5*	-18 Geogra	

Feê Lease - 5 copies <u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM 88240 <u>DISTRICT II</u> P.O. Box DD, Artesia, NM 88210 <u>DISTRICT III</u>			al Resources	Denartm	hant (	~ ((	1)15	2 Yr	Form C-105 Revised 1-1
DISTRICT II P.O. Box DD, Artesia, NM 88210 DISTRICT III				/		211			
P.O. Box DD, Artesia, NM 88210 DISTRICT III			TION DI	visi	<b>ON</b>		CL API'NC -039-233		
			heco St./ NM 87505					PE OF LEA	
1000 Rio Brazos Rd., Aztec, NM 87410			#		The state of the second	6. STA	TE OIL &	GAS LEAS	
WELL COMPLETION O	RRECOMPLETIC	N REPO	RT AND I	OG		E 2	825-6		
1a. TYPE OF WELL:			5	-		7. LEA	SE NAME	OR UNIT A	GREEMENT NAM
OIL WELL GAS WELL b. TYPE OF COMPLETION: NEW WORK		OTHE	IN'	EC	EIN	ER	JUAN	28-7 UNI	
		RESVE	х 🛛 от	HER	1 0 199	ש			
2. NAME OF OPERATOR CONOCO, INC.			O		1		L NO.		
3. ADDRESS OF OPERATOR			OUL	- Cr		70#16	5 11		
10 DESTA DRIVE, SUITE 100W, MI	DLAND, TX 79705	(91	5) 686-5424	4 D[	97. 3			R WILDCA	
4. WELL LOCATION								SA VERL	
Unit Letter: <u>1760</u> Feet From Th	e <u>SOUTH</u> Line and	830 Feet F	rom The E	<u>AST</u> Lir	ne		-		
Section 16 Township 27N Range	e 07W NMPM RIO	ARRIBA C	County			19.44	ŕ		
10. DATE SPUDDED 11. DATE T.D. REAC	HED 12. DATE COM	PL. (Ready t	o prod.)	13. 6	ELEV. (FE, RKB	RT, GE	etc.)	14. ELE	V. CASINGHEAD
	LUG, BACK T.D.	8/4/98	1 47 15 4411	TIOLE	6648'	GL			6636'
7699'	7679'		ZONES	S7	COMPL. HOW M	IANY	18. INT RC	ERVALS D	RILLED BY CABLE
								OLS D	
<ol> <li>PRODUCING INTERVAL(S) OF THIS COMPL 5301' - 5537' BLANCO MESA VERDE</li> </ol>	LE HON - TOP, BOTTOM,	NAME						20. WA	S DIRECTIO
								SU	RVEY MADE
21. TYPE ELECTRIC AND OTHER LOGS RUN								22. WA	S WELL CORED
23.		0000 (0							
CASING SIZE WEIGHT, LB/FT	CASING RE	LURD (Re	HOLE SIZE	ings se		ITING RE	0000		
<u>9-5/8" 40#</u> 4-½" 10.5.8.11.6#	218'		12-1/4			4 CU F			AMOUNT PULLED
4-½° 10.5 & 11.6#	7696'	8-	% 8 7-7/8		160	55 CU F	т		
				-+-					
4. LINER RECO					25.		TUBIN	GRECORE	
10r	BOTTOM SACKS	CEMENT	SCREE	N	SIZE	10.	DEPT	HSET	PACKER SET
					23/	6	7	5×0	
6. PERFORATION RECORD (Interval, size and n	umber)		27.	ACI	D, SHOT, FRAC	TURE, C	EMENT SO	QUEEZE, E	TC.
				DEPTH	INTERVAL		AMOUN	T AND KIND	OF MATERIAL USED
EE ATTACHED SUMMARY									
EE ATTACHED SUMMARY				_					
SEE ATTACHED SUMMARY									
		DODUOT							
8	P METHOD (Flowing, gas lift	RODUCT	ION size and time	of pump					
8. ATE FIRST PRODUCTION PRODUCTION 8/4/98 FLOWING	P METHOD (Flowing, gas lif	RODUCT	ION size, and type	of pump	;	WELL	STATUS (I	Producing o	r shut-in)
8. ATE FIRST PRODUCTION PRODUCTION 8/4/98 FLOWING	METHOD (Flowing, gas life E SIZE PROD'N F	t, pumping - :	ION size, and type OIL - BBL	of pump	) GAS - MCF	PROD	DUCING	PER DH	C #1797
ATE FIRST PRODUCTION 8/4/98 FLOWING ATE OF TEST HOURS TESTED CHOKE 7/28/98 24 HRS	METHOD (Flowing, gas lif	t, pumping - :	size, and type	of pump	GAS - MCF	PROD	WATER - B	PER DH	r shut-in) IC #1797 GAS - OIL RATIO
8. ATE FIRST PRODUCTION 8/4/98 ATE OF TEST 7/28/98 24 HRS -OW. TUBING CASING PRESSURE	METHOD (Flowing, gas life E SIZE PROD'N F Ya" PERIOD CALCULATED 24 - HR	t, pumping - :	size, and type OIL - BBL 1/2	of pump GAS - M	GAS - MCF 154	PROD	DUCING	PER DH	GAS - OIL RATIO
ATE FIRST PRODUCTION 8/4/98 ATE OF TEST HOURS TESTED CHOKI 7/28/98 24 HRS OW. TUBING CASING PRESSURE RESS 340#	METHOD (Flowing, gas life E SIZE PROD'N F %"	OR TEST	size, and type OIL - BBL 1/2		GAS - MCF 154 ICF	PROD	WATER - B 6 R - BBL	PER DH	C #1797
8. ATE FIRST PRODUCTION 8/4/98 ATE OF TEST 7/28/98 COW. TUBING RESS 105# ATE OF TEST HOURS TESTED CHOKI FLOWING FLOWING CASING PRESSURE 340#	METHOD (Flowing, gas life E SIZE PROD'N F 1/4" CALCULATED 24 - HR RATE	OR TEST	size, and type OIL - BBL 1/2		GAS - MCF 154	WATE	WATER - B 6 R - BBL 6	BL OI	IC #1797 GAS - OIL RATIO
8. ATE FIRST PRODUCTION 8/4/98 ATE OF TEST 7/28/98 LOW. TUBING RESS 105# ATE OF TEST HOURS TESTED 24 HRS CASING PRESSURE 340#	METHOD (Flowing, gas life E SIZE PROD'N F 1/4" CALCULATED 24 - HR RATE	OR TEST	size, and type OIL - BBL 1/2		GAS - MCF 154 ICF	WATE	OUCING A NATER - B 6 R - BBL 6 WITNES	PER DH	IC #1797 GAS - OIL RATIO L GRAVITY - API orr)
8. ATE FIRST PRODUCTION PRODUCTION 8/4/98 FLOWING ATE OF TEST HOURS TESTED CHOKI 7/28/98 24 HRS LOW. TUBING CASING PRESSURE RESS 340# 0. DISPOSITION OF GAS (Sold, used for fuel, very VENTED	METHOD (Flowing, gas life E SIZE PROD'N F 1/4" CALCULATED 24 - HR RATE	OR TEST	size, and type OIL - BBL 1/2		GAS - MCF 154 ICF	WATE	OUCING A NATER - B 6 R - BBL 6 WITNES	BL OI	IC #1797 GAS - OIL RATIO L GRAVITY - API orr)
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8. ATE FIRST PRODUCTION PRODUCTION 8/4/98 FLOWING ATE OF TEST HOURS TESTED CHOKE 7/28/98 24 HRS LOW. TUBING CASING PRESSURE 105# 340# 0. DISPOSITION OF GAS (Sold, used for fuel, ventor VENTED 0. LIST ATTACHMENTS SUMMARY, WELL LOGS	METHOD (Flowing, gas fit E SIZE PROD'N F PERIOD CALCULATED 24 - HR RATE	OR TEST	size, and type OIL - BBL 1/2 2	GAS - M	GAS - MCF 154 ICF 154	WATEI	OUCING A NATER - B 6 R - BBL 6 WITNES	PER DH	IC #1797 GAS - OIL RATIO L GRAVITY - API orr)
8. ATE FIRST PRODUCTION PRODUCTION 8/4/98 FLOWING ATE OF TEST HOURS TESTED CHOKI 7/28/98 24 HRS LOW. TUBING CASING PRESSURE 105# 340# 0. DISPOSITION OF GAS (Sold, used for fuel, very VENTED 0. LIST ATTACHMENTS SUMMARY, WELL LOGS 1 hereby certify that the information shown on bo	METHOD (Flowing, gas fit E SIZE PROD'N F PERIOD CALCULATED 24 - HR RATE inted, etc.)	OR TEST OR TEST OIL - BBL 1/	size, and type OIL - BBL 1/2 2	GAS - M	GAS - MCF 154 ICF 154 wiledge and beli	PROE WATEI	OUCING A NATER - B 6 R - BBL 6 WITNES	PER DH	IC #1797 GAS - OIL RATIO L GRAVITY - API orr)
8/4/98     FLOWING       ATE OF TEST     HOURS TESTED     CHOKI       7/28/98     24 HRS     CHOKI       LOW. TUBING     CASING PRESSURE     340#       105#     340#     24 HRS       0. DISPOSITION OF GAS (Sold, used for fuel, vertication of the sector)     VENTED       0. LIST ATTACHMENTS     CHOKI	METHOD (Flowing, gas fit E SIZE PROD'N F PERIOD CALCULATED 24 - HR RATE	OR TEST OR TEST OIL - BBL 1/	size, and type OIL - BBL 1/2 2	GAS - M	GAS - MCF 154 ICF 154	PROE WATEI	OUCING A NATER - B 6 R - BBL 6 WITNES	PER DH	IC #1797 GAS - OIL RATIO L GRAVITY - API orr)

FORMATION	тор	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	тор		
			SAN JUAN 28-7 UNIT #165E		MEAS. DEPTH	TRUE VERT. DE	
				Ojo Alamo	2360'		
				Kirtland	2423'		
			1	Fruitland	2911'	La	
	:			Picture Cliffs	3093'		
				Chacra	4030'		
				Mesa Verde	4768'		
				Menefee	4790'		
				Point Lookout	5360'		
				Gallup	6442'		
				Greenhorn	7288'		
				Graneros	7351'		
				Dakota	7522'		
					the second s		
				1. State 1.			

t terrester

CONOCO, INC. **SAN JUAN 28-7 UNIT #165E** API#: 30-039-2337 1760' FSL & 830' FEL, UNIT 'I' SEC. 16, T27N - R07W

7/15/98 MIRU, BD tbg & csg to rig pit, NDWH, NUBOP, TOOH w/238 jts 2-3/8" tbg.

- 7/16/98 RU BJ, run correlation log to open hole log, RIH tag DV tool @ 3314', POOH w/ BP, TiH on tbg to 3700' didn't tag anything, TOOH, RIH WL gauge ring to 5650', no tag, POOH, RIH, comp BP set @ 5600', test csg 3000#, leak off @ 2000#.
- 7/17/98 TIH set @ 1274', test csg from 1274' to BP @ 5600', 3000# test OK, from 1274' to surface have a leakoff from 2000# that will hold 500#, Rel pkr & TOOH.
- 7/20/98 RU BJ WL, Perf MV w/29 holes from 5301'-5537' as follows: 5301-04-07-11-13-63-66-69-71-78-80-89-92-97-5405-12-19-25-39-41-48-55-61-64-67-5523-26-34-5537, RIH pkr set @ 2016', acidize MV perfs w/500 G 15% HCI w/50 ball sealers @ 7 BPM, max. 3400# good ball action, balled off, surged off ball, ISIP 0#, rel pkr & TOOH w/ same, RIH, JB ret 50 balls, 33 hits, pkr set @ 2016' on tbg.
- 7/21/98 RU BJ, Frac PLO/Menefee in 1 stage as follows: start w/200 bbls 15# XL gel w/84,100# 20/40 AZ & 6940# 20/40 SDC @ 26 BPM, max. 3400#, avg. 2900#, ISIP 200#, max. sand conc. 2#/gal, rel pkr & TOOH w/same.
- 7/22/98 TIH tag fill @ 5494', start unloading well w/ gas & foam PU tbg to 5050'.
- 7/23/98 TIH w/ tbg from 5050' to tag fill @ 5493', unload well, & CO to 5600' w/gas & foam, made 100 bbls fluid while CO, PU tbg to 5304'.
- 7/24/98 BD csg, TIH from 5304' to tag fill @ 5596', CO w/gas to top of BP @ 5600', circ. clean, PU tbg to 5304' turn over to drywatch.
- 7/27/98 TIH w/ tbg from 5304' to tag fill @ 5596' (4' of fill), Clean w/gas & foam sweeps, circ. clean to BP @ 5600', PU tbg to 5304'.
- 7/28/98 TIH from 5304' tag fill @ 5598' (2' of fill) circ. Clean, test MV w/ ¼" choke, test results as follows: 105# TP, 340# CP, 6 BWPD, ½ BOPD, 154 MCFPD test witnessed by Victor Barrios w/ Flint Eng.
- 7/29/98 BD tbg to pit, TIH tag fill @ 5598' 2' of fill over BP @ 5600', DO BP & cont. in hone to tag btm @ 7650' leave 66' of rathole below btm DK perf @ 7584', attempt to circ. could not press up past 700# w/gas comps, TOOH.
- 7/30/98 TIH, SN & 239 jts 2-3/8" tbg land well @ 7540', RDSL, ND BOP, ND BL & GC, NUWH.
- 7/31/98 RU swab, Int. FL 2 6500', 1040' from EOT, made 10 runs recovered 30 bbls, tbg will not flow, fluid level not dropping (MV giving up fluid), rid well down, RDMO.

t inct I \* dox 1980. Hobbs. NM 88241-1980

Istrict II PO Drawer DD. Artesia, NM 88211-0719 District III

1000 Rio Brazos Rd. Aztec, NM 87410 District IV

PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

Revised February 21, 1994 instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT **API Number** 2 Pool Code 3 Pool Name 30-039-23337 72319 Blanco Mesaverde 4 Property Code 6 Well Number 5 Property Name 016608 San Juan 28-7 Unit 1651 7 OGRID No. 8 Operator Name 9 Elevatio Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500 005073 6648' KB 10 Surface Location LIL or lot no. Section Township Range Feet from the Lation North/South line Feet from the East/Wast une County I 16 7.W 27N 1760 South 830 East Rio Arriba 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/West line County 12 Dedicated Acres 13 Joint or Infit 14 Consolidation Code 15 Order No. 320 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 ΪÓ **17 OPERATOR CERTIFICATION** I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Signature Kav Maddox Printed Name Regulatory Agent Title 0 .... 18 SURVEYOR CERTIFICATION 5 1 1 I hereby certify that the well location shown on this plat was plotted from field notes of actual sur-eys made by me 830' or under my supervision, and that the same is true and correct to the hest of my belief. Date of Survey Signature and Seal of Professional Surveyor. 011 Certificate Number

Form C-102

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

PO Box 1980, Hobbs, NM 88241-1980 District II

PO Drawer DD, Artesia, NM 88211-0719 District III

1000 Rio Brazos Rd. Aztic, NM 87410 District IV PO Box 2088, Santa Fe NM 87504-2088

## Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Revised October 18, 1994 Instructions on back: Submit to Appropriate District Office 5 Copies

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AMENDED REPORT

•		QUEST	FOR A	LLUWA		AUTIOR	LITIC	JN TO IK			
			1. Opertor nam	ne and Addre	988				2 OGRID Num	ber	
	Desta Dr		A/					0050			
	dland, Tx.								Reason for Filling	g Code Aztec NMOCD	
									om 165E to 1	65M	
	API Number				5 Pool	Name			6	. Pool Code	
30 - 0 39-2	3337					fesaverde				72319	
<b>7</b> . P	ropertyCode				8 Proper	ty Name			91	Well Nember	
	016608				San Juan	28-7 Unit		165M			
	Surface I			1							
UL or lot. no.	Section	Township	Range	Lot. Idn	Feet from the	North/Sou	th Line	Feet from the	East/West Line	County	
<u> </u>	16	27 N	7 W		1760	Sout	th	830	East	Rio Arriba	
	Bottom	Hole Loo	cation								
UL or Lot	Section	Township	Range	Lot. Idn.	Feet from the	e North/Sou	th Line	Feet from the	Eest/West Line	county	
	10.0							( C) 100 770 11			
12 Lse Code	13. Produc	ing Method C	Code 14. Ga	is Connection I	Date 15. C-12	9 Permit Number	10	5. C-129 Effective	Date 17.	C-12b Expiration Date	
III. Oil an											
18 Transpo OGRIE		1	19. Transporter and Addre			20 POD	21. O/G	:	22. POD ULSTR I and Descipt		
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IV. Prod	_	ater									
	uced Wa	ater			24.	POD ULSTR Loc	ation and I	Description			
:	23 POD				24.	POD ULSTR Loc	cation and I	Description	UST. 3		
V. Well	Com ple	tion Dat				_			UT. 3	······································	
V. Well	23 POD	tion Dat	A 26 Rea dy Date		24. 27. TD	_	eation and I		19 Perforations	DHC,DC,MC	
V. Well	Com ple	tion Dat	26 Rea dy Date		27. TD	28	PBTD			DHC,DC,MC	
V. Well	Com ple	tion Dat	26 Rea dy Date	81. Casing & T	27. TD	28				······································	
V. Well	Com ple	tion Dat	26 Rea dy Date	31. Casing & T	27. TD	28	PBTD			DHC,DC,MC	
V. Well	Com ple	tion Dat	26 Rea dy Date	31. Casing & T	27. TD	28	PBTD			DHC,DC,MC	
V. Well	Com ple	tion Dat	26 Rea dy Date	B1. Casing & T	27. TD	28	PBTD			DHC,DC,MC	
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V. Well 25 5	23 POD Com ple Spud Date 30. Hole Siz	etion Dat	26 Rea dy Date	B1. Casing & T	27. TD	28	PBTD			DHC,DC,MC	
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PO Box 1980,	Hobbs,	NM	88241-1980
District II			

PO Drawer DD, Artesia, NM 88211-0719 District III

1000 Rio Brazos Rd. Aztic, NM 87410 District IV PO Boy 2088 Santa Fe NM 87504-2088

## Energy, Minerals & Natural Resources Department

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

Revised October 18, 1994 Instructions on back: Submit to Appropriate District Office 5 Copies

1

AMENDED REPORT

						AUTHOR					
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DISTRICT I		•	
PO Box 1980	Hobbs,	NM	88240

DISTRICT II PO Box DD, Artesia, NM 88210 DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV 2040 South Pach	eco, Santa Fe,	NM 87505			Ganta P C, [						NDED REPORT
I					VABLE AND	AUTHORIZ					
		ERATOR NAM	E AND ADDRE	55					073		
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	4. API NU 30-0039-				BLANCO ME		<i>.</i>			319	
	7. PROPER			_	8. PROPER					NUMBER	
					SAN JUAN	28-7 UNIT			#1	65 <b>j</b>	
		LOCATION			t at the	Foot from the	North/South	line Feet fr	om the Eat	st/West line	County
U/I or lot no. I	Section 16	Towns 271		ange 7W	Lot Idn	Feet from the 1760'	SOUTH			EAST	RIO ARRIBA
		IOLE LOCA	-					<u> </u>			
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31	HOLE SIZE		32. CA	SING & TUB	ING SIZE	3	3. DEPTH SE	T		4. SACKS	
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8-	3/4" / 7-7/8			4-1/2"	Zld		7540			1005-01	
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VI. WE	LL TEST D										
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41. CHOM		1	OIL /2		WATER 6	15					
with and	certify that the that the inform e and beilef.	rules of the O nation given at	il Conservation ove is true and	Division hav d complete t	ve been complied to the best of my	10-20-9	3 -	ONSERV		IVISION	N .
Signature:	Syl	un.	for	1202	2	Approved b		2 / .	$\rightarrow$		
Printed Nam		JOHNSON				Printed Nan	ne:	_	0		
Title:		or Conoco Ir		004 0070		Title:					
Date: 8/4/98			Phone: (505) GRID number a	and the second s	he previous opera	Approval Date					
	nango or open										
	Previous Op	perator Signatu	re		Printed I	Name		Title			Date

5 Copies

OIL CONSERVATION DIVISION 2040 Pacheco St. Santa Fe, NM 87505

Instructions on back Submit to Appropriate District Office

Submit to Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies	4 4;		Energy, I		of New I nd Natural R	Mexico esources Dep	partment		1	RIG	IN	A Levi	n C-105 sed 1-1-89
DISTRICT I P.O. Box 1980, Hobbs,	NM 88240			ONSE	RVATI	ON DIV	ISION		WELL A	API NO. 9-23337			
DISTRICT II P.O. Box DD, Artesia, I					0 Pache Fe, NM			1 5.		TE TYPE		=	
DISTRICT III 1000 Rio Brazos Rd., A	Aztec, NM 87410			ound	,			6.	STATE E 282	OIL & GAS	S LEASE	NO.	
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9. PRODUCING IN	TERVAL(S) OF THIS	COMPLETIC	ON - TOP, B	OTTOM N	ABAC						20. WA		DIRECTION
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5301' - 5537'		ERDE											
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5301' - 5537' 21. TYPE ELECTRIC 23. CASING SIZE 9-5/8" 4-1/2" 24.	BLANCO MESA V C AND OTHER LOGS WEIGHT, LI 40# 10.5 & 11 LINEF	ERDE RUN 3/FT .6#	CASI DEPTI 21 76	NG REC H SET 18' 96'	ORD (Re 8-	HOLE SIZE 12-1⁄4" 3⁄4" & 7-7/8"	25	CEMEN 12 16	4 CU F		22. W/	AS WELL	CORED
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5301' - 5537' 21. TYPE ELECTRIC 23. CASING SIZE 9-5/8" 4-½" 24. SIZE 26. PERFORATION	BLANCO MESA V C AND OTHER LOGS WEIGHT, LI 40# 10.5 & 11 LINEF TOP	ERDE RUN 3/FT .6# RECORD BOT	CASI DEPT 21 76 TOM	NG REC H SET 18' 96'	ORD (Re 8-	HOLE SIZE 12-1⁄4" 3⁄4" & 7-7/8" SCRE	25 EN	CEMEN 12 16 SIZE 37 SIZE	4 CU F 55 CU F		22. WA	AS WELL AMOUN RD ETC. ID OF MA	CORED
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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	ТОР		
			SAN JUAN 28-7 UNIT #165E		MEAS. DEPTH	TRUE VERT. DEPTH	
				Ojo Alamo	2360'	tourser	
1				Kirtland	2423'	and the second	
				Fruitland	2911'		
				Picture Cliffs	3093		
				Chacra	. 4030'	Mainer.	
				Mesa Verde	4768'	20	
				Menefée	4790'	0	
				Point Lookout	5360'		
				Gallup	6442'		
				Greenhorn	7288'		
				Graneros	7351'		
				Dakota	7522'		
					4		

# ORIGINAL

CONOCO, INC. **SAN JUAN 28-7 UNIT #165E** API#: 30-039-2337 1760' FSL & 830' FEL, UNIT 'I' SEC. 16, T27N - R07W

7/15/98 MIRU, BD tbg & csg to rig pit, NDWH, NUBOP, TOOH w/238 jts 2-3/8" tbg.

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- 7/16/98 RU BJ, run correlation log to open hole log, RIH tag DV tool @ 3314', POOH w/ BP, TIH on tbg to 3700' didn't tag anything, TOOH, RIH WL gauge ring to 5650', no tag, POOH, RIH, comp BP set @ 5600', test csg 3000#, leak off @ 2000#.
- 7/17/98 TIH set @ 1274', test csg from 1274' to BP @ 5600', 3000# test OK, from 1274' to surface have a leakoff from 2000# that will hold 500#, Rel pkr & TOOH.
- 7/20/98 RU BJ WL, Perf MV w/29 holes from 5301'-5537' as follows: 5301-04-07-11-13-63-66-69-71-78-80-89-92-97-5405-12-19-25-39-41-48-55-61-64-67-5523-26-34-5537, RIH pkr set @ 2016', acidize MV perfs w/500 G 15% HCI w/50 ball sealers @ 7 BPM, max. 3400# good ball action, balled off, surged off ball, ISIP 0#, rel pkr & TOOH w/ same, RIH, JB ret 50 balls, 33 hits, pkr set @ 2016' on tbg.
- 7/21/98 RU BJ, Frac PLO/Menefee in 1 stage as follows: start w/200 bbls 15# XL gel w/84,100# 20/40 AZ & 6940# 20/40 SDC @ 26 BPM, max. 3400#, avg. 2900#, ISIP 200#, max. sand conc. 2#/gal, rel pkr & TOOH w/same.
- 7/22/98 TIH tag fill @ 5494', start unloading well w/ gas & foam PU tbg to 5050'.
- 7/23/98 TIH w/ tbg from 5050' to tag fill @ 5493', unload well, & CO to 5600' w/gas & foam, made 100 bbls fluid while CO, PU tbg to 5304'.
- 7/24/98 BD csg, TIH from 5304' to tag fill @ 5596', CO w/gas to top of BP @ 5600', circ. clean, PU tbg to 5304' turn over to drywatch.
- 7/27/98 TIH w/ tbg from 5304' to tag fill @ 5596' (4' of fill), Clean w/gas & foam sweeps, circ. clean to BP @ 5600', PU tbg to 5304'.
- 7/28/98 TIH from 5304' tag fill @ 5598' (2' of fill) circ. Clean, test MV w/ ¼" choke, test results as follows: 105# TP, 340# CP, 6 BWPD, ½ BOPD, 154 MCFPD test witnessed by Victor Barrios w/ Flint Eng.
- 7/29/98 BD tbg to pit, TIH tag fill @ 5598' 2' of fill over BP @ 5600', DO BP & cont. in hone to tag btm @ 7650' leave 66' of rathole below btm DK perf @ 7584', attempt to circ. could not press up past 700# w/gas comps, TOOH.
- 7/30/98 TIH, SN & 239 jts 2-3/8" tog land well @ 7540', RDSL, ND BOP, ND BL & GC, NUWH.
- 7/31/98 RU swab, Int. FL 2 6500', 1040' from EOT, made 10 runs recovered 30 bbls, tbg will not flow, fluid level not dropping (MV giving up fluid), rid well down, RDMO.

Submit 3 Copies to Appropriate District Office	State of New I Energy, Minerals and Natural R		ORIGINAL Form C-103 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM 88240	OIL CONSERVATI	ON DIVISION	Well API NO. 30-039-23337
DISTRICT II P.O. Box DD, Artesia, NM 88210	2040 Pache Santa Fe, NM		5. INDICATE TYPE OF LEASE STATE FEE
DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410			6. STATE OIL & GAS LEASE NO. E 2825-6
(DO NOT USE THIS FORM FOR PROPO DIFFERENT RESERV	S AND REPORTS ON WE SALS TO DRILL OR TO DEEPEN /OIR. USE "APPLICATION FOR I) FOR SUCH PROPOSALS.)	OR PLUG BACK TO A	7. LEASE NAME OR UNIT AGREEMENT NAME SAN JUAN 28-7 UNIT
OIL WELL GAS WELL 2. NAME OF OPERATOR			8. WELL NO.
CONOCO INC.			#165E
3. ADDRESS OF OPERATOR 10 DESTA DR., SUITE 100W, M	/IDLAND, TX 79705-4500		9. POOL NAME OR WILDCAT BASIN DAKOTA
4. WELL LOCATION Unit Letter <u>1</u> : <u>1760</u> ' Feet From The	SOUTH Line and 830' F	eet From The EAST Li	ne
Section 16 Township 27N Rang			
And the second	10. ELEVATION (Show whether 6636	5' GL	
11. Che NOTICE OF INTENT	ck Appropriate Box to Indicate N		or Other Data JBSEQUENT REPORT OF:
	UG AND ABANDON	REMEDIAL WORK	
		COMMENCE DRILLING OPN	IS. PLUG AND ABANDONMENT
PULL OR ALTER CASING		CASING TEST AND CEMEN	T JOBS
OTHER:		OTHER: MV Recomple	
SEE RULE 1103.			s, including estimated date of starting any proposed work)
SEE ATTACHED SUMMARY.			
			AUG 1 0 1998
		0][[	. CON. DIV. Dist. 3
			-
I hereby certify that the information above is true and SIGNATURE:	/	AGENT FOR CONC	DCO INC. DATE <u>8/7/98</u>
TYPE OR PRINT NAME: SYLVIA JOHNSC	<u>N</u>	TELEPHONE NO. (505) 324	<u>I-3970</u>
(This space for State Use)		SUPERVISOR DISTR	RICT # 3 DATE AUG 1 0 1998
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# ORIGINAL

## CONOCO, INC. **SAN JUAN 28-7 UNIT #165E** API#: 30-039-2337 1760' FSL & 830' FEL, UNIT 'I' SEC. 16, T27N - R07W

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- 7/21/98 RU BJ, Frac PLO/Menefee in 1 stage as follows: start w/200 bbls 15# XL gel w/84,100# 20/40 AZ & 6940# 20/40 SDC @ 26 BPM, max. 3400#, avg. 2900#, ISIP 200#, max. sand conc. 2#/gal, rel pkr & TOOH w/same.
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- 7/27/98 TIH w/ tbg from 5304' to tag fill @ 5596' (4' of fill), Clean w/gas & foam sweeps, circ. clean to BP @ 5600', PU tbg to 5304'.
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ubm 3 Copies to Arthuspriate District Office	State of New Me Energy, Minerals and Natural Re			Form C 103 Revised 1-1-89
DISTRICT I P.O. Box 1980, Hobbs, NM S8240	OIL CONSERVATIO	N DIVISION	WELL API NO.	
	P.O. Box 208 Santa Fe, New Mexico			39-23337
P.O. Drawer DD, Artesia, NM 88210	,		5. Indicate Type of Lea	
DISTRICT T11 T000 Rio Brazos Rd., Aztec, NM 87410			6. State Oil & Gas Lea	se No.
SUNDRY NOT	ICES AND REPORTS ON WEL	15	E 2825-	
( DO NOT USE THIS FORM FOR PR DIFFERENT RESE (FORM (	OPOSALS TO DRILL OR TO DEEPEN ERVOIR. USE •APPLICATION FOR PE C-101) FOR SUCH PROPOSALS.)	OR PLUG BACK TO A	7. Lease Name or Unit.	Agreement Name
1. Type of Well:	1		0	
2. Name of Operator	OTHER		8. Well No.	an 28-7 Unit
Conoco Inc.			#	165E
3. Address of Operator 10 Desta Dr. Ste 100W, Midla 4. Well Location	ind, Tx,, 79705-4500		9. Pool name or Wildca Blanco Mesav	at erde / Basin Dakota
Unit Letter <u>I</u> 1760	Feet From The South	Line and 8	30 Feet From The	East Line
Section 16	Township 27N Ra	inge 7W	NMPM Rio	Arriba County
///////////////////////////////////////	10. Elevauon (Show whether	DF, RKB. RT, GR, ctc.) GL 6636	VI.	///////////////////////////////////////
II. Check	Appropriate Box to Indicate 1	Nature of Notice, R	leport, or Other Da	ıta
NOTICE OF IN	TENTION TO:	SUE	SEQUENT REP	ORT OF:
		REMEDIAL WORK	ALT	
	CHANGE PLANS	COMMENCE DRILLING	GOPNS. DPLL	
		CASING TEST AND C		DECENVE
OTHER:		OTHER		
12. Describe Proposed or Completed C	Dperations (Clearly state all pertinent details,	, and give pertinent dates, in	cluding estimated date of sta	ting any proposed
work)SEE RULE 1103.			(	ool Con. Dry
				DIST. 3
This well will be recompleted t	o the Mesaverde using the attached	procedure.	····	a service and a service service and a
			DECE	INED
*** The Mesaverde & Dakota	will be downhole commingled in the	his well upon approval	JAN	9 1998
	U U U U U U U U U U U U U U U U U U U		OUL COI	NT FORDA
			DIST	S LULUY
2				X
12. I hereby certify that the information above is	true and complete to the best of my knowledge and	belief.		······································
SIGNATURE AU	Wadder TIT	Regulate	bry Agent	DATE Jan 24, 98
TYPE OR PRINT NAME Kay Maddox	v ,			TELEPHONE NO. 686-5798
			· · · · · · · · · · · · · · · · · · ·	2-16.9
(this space for State Use)	D		INSPECTOR, DIST. #3	FEB 1 6 199
APPROVED B Aver	Jusch 11	LE		
CONITIONS OF APPROVAL, IF ANY:	15 C-104 for DI	1 Corde	<u> </u>	
	Choo 1000 # to 1	165M		

### San Juan 28-7 Unit #165E Mesaverde Recompletion Procedure

- 1. Hold safety meeting. MIRU workover unit. If necessary, kill well with a minimum of 1 % KCl. NU BOP and POOH w/ tubing.
- 2. RU wireline unit and RIH w/ Composite bridge plug. Set plug at +/- 5600' and test casing to 3,000 psi.
- 3. MU 3 1/8" select fire perforating gun w/ 18gm charges w/ GR. Correlate to attached log section and perforate the following depths:

A. If necessary, spot 15% HCl from 5450' to 5400' using a dump bailer.

B. If necessary, pressure up on casing to 3000 psi prior to firing guns.

## Lower Menefee/Point Lookout

5301', 04', 07', 11', 13', 63', 66', 69', 71', 78', 80', 89', 92', 97', 5405', 12', 19', 25', 39', 41', 48', 55', 61', 64', 67', 5523', 26', 34', & 37'

Total: 29 shots.

- Break down perfs using 1000 gallons 15% HCl and 50% excess 1.1 sg balls (44) spaced equally throughout the job. Run as high a rate as possible without exceeding max pressure.
   DO NOT EXCEED 3000 PSI
- 5. Retrieve balls and check for hits. If # hits less than 80% (23), re-acidize using the above procedure. Prep to frac.
- 6. Frac per attached schedule. Clean Location & Release frac equipment.
- 7. RU compressors and drill out bridge plugs w/ gas. Clean out well to PBTD (7573'). Jet well w/ gas until well will flow on its own. Drywatch as necessary.
- PU & RIH w/ 2 3/8" production string. Land SN at +/- 7558'. ND BOP and NU wellhead.
- 9. Record and notify necessary personnel for regulatory and gas allocation purposes.
- 10. RDMO workover unit.
- 11. Thank You.

Prepared by:

Randy B. Herring, Production Engineer

Form C-102

act I Box 1980, Hobbs. NM 88241-1980

. .

istrict II .\*O Drawer DD. Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd. Aztec, NM 87410

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

State of New Mexico Energy, Minerals & Natural Resources Department

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

Revised February 21, 1994 instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

AMENDED REPORT

			ELL LU		N AND ACE	CEAGE		CATION PL	AI			
AI AI	PINumbe	er		2 Pool (	Code			3 Pool Nam				
	-039-233	37		72319			_	Blanco Mes	saverde			
4 Property	Code					rty Name				6 W e	Il Number	
01660					San Juan 28						165 M	
7 OGRID No						ator Nan				9 E	9 Elevation	
00507	3	Cor	noco Inc.,	10 Desta	Drive, Ste. 1	00W, M	dland, T)	79705-4500	)		6648' KB	
					10 Surface	Locati	on					
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/	South line	Feet from the	East/We	stane	County	
I	16	27N	7W		1760	S	outh	830	Ea	ist	Rio Arriba	
			11 Bot	ttom Ho	le Location	If Diffe	erent Fro					
UL or lot no.	Section	Township		Lot Idn	Feet from the		South line	Feet from the	East/We	stane	County	
12 Dedicated Acres	s 13 Join	t or Infil 1	4 Consolidatio	n Code 15	Order No.	1						
320							2 1 2					
	WABLE	WILL BE	ASSIGNE	D TO TH	IS COMPLETI	ON UNT	TL ALL I	NTERESTS H	AVEBE	ENCON		
		OR A	NON-ST	ANDARD	UNIT HAS B	EEN AP	PROVED	BY THE DIVI	SION			
16								17 OPER	RATOR	CERT	IFICATION	
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	100 1000	M 75 81 500	Freed	1				18 SURV	VEYOR	CERT	IFICATION	
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			'UI	4			020	was plotted fr			surveys made by me	
110	FEB -	8 1998		1		(	o <u>&lt; 830</u> ′	correct to the			he same is true and	
				1		,	t l	- K				
011	L CO	N. D	No.	1				Date of Surve	ey 🛛			
	DIS	63		5				Signature and	d Seal of Pro	fessional S	Surveyor.	
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District I PO Box 1960, Ho District II NO Drawer DD, District III 1000 Rio Brasso District IV	Artesia, NR	4 88211-0719	• O	Eacry, Mineral DIL CONS	e of New a & Natural ERVATIO PO Box 2 re, NM 8	C C 0 ON 1 088	NSERVO DIVISIO	<b>DNED</b>	DIVISIO <b>Şubm</b>	it to Appro	Form C-104 ed February 10, 1994 Instructions on back opriate District Office 5 Copies
PO Box 2008, Se				LLOWAB	LE AND				52 On to tr		MENDED REPORT
<u> </u>			the second s	me and Address		RU	mon			'OGRID N	
CONOC	CO INC.									00! Resear for F	5073
10 De MIDL	AND, TH	ive Sto XAS 7	e 100W 9705						CH (EF)	FECTIVE	3-1-95)
	PI Number				* Poo	Name	•		U IBEE	RCTIVE	4-1-95) * Pool Code
1	-23337 operty Code		BASIN I	DAKOTA	* Prop	ante No					71599 ' Well Number
		08	SAN JU	JAN 28-7	Unit	2					165E
II. <sup>10</sup> S	Surface	Locatio	the second s	Lot.ldn	Feet from th		North/Sou	th Line	Feet from the	East/West	
I	16	27 N									
11 H	Bottom	Hole Lo	ocation		1760		SOUT	Π	830	EAST	RIO ARRIBA
UL or lot no.	Section	Townshi	p Range	Lot Ida	Feet from t	be	North/So	uth line	Feet from the	East/West	ine County
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III. Oil au	nd Gas	P Transpo	orters			_	_				
Transpor	and the second se	Transpe	" Transporter and Addre			<sup>30</sup> PO	D	<sup>21</sup> O/G		POD ULST	
0145.3	<) MT	PTDTAN	OIL INC.		10	771	0	0		and Desc	npuon
	er P	O. BOX	4289 ON, NM. 8						I 16 27	N 7W	
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IV. Prod	uced W	ater									
3	POD				14	POD U	LSTR Loca	tion and	Description		<u> </u>
	750		I 16 27	N 7W							
	ud Date	tion Da	M Ready	Date		' TD			* PBTD		<sup>19</sup> Perforations
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						+				FEB	1 7 1995
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									e e		) N. DIV. N. S
	New Oil		Deline Dete				17 m - 1				
Date		- Ga	a Delivery Date	-1	est Date		" Test La	rngth	" Tog. I	TEMUTE	<sup>39</sup> Cag. Preasure
" Cho	ke Size		4 Oil	4	Water		49.Gz		" A	OF	4 Test Method
				Division have b complete to the be			0		ONSERVAT		VISION
knowledge and Signature:	-					Annen	ved by:				
Printed name:	Die		Lea	Sel	7	Title:	uy.	SUF	Z.	-	CT #3
Titlet	BIL	L R. KE					val Date:				·····
Date:		LATORY	SPEC. Phone:	(01E) 00	C EADA				FEB 1	7 1995	<u></u>
		<u></u>	in the OGRID	(915) 68 number and nam		ous ope	rator	007	78		
		Dernor S	Signature			p. /	nted Name			Tid	: Date
	31 C		Signature W	Br	well's			nvir	o Coord		
		J. W									

- ubnut 5 Copies . propriate District Office	Energy, Min	State of New crais and Natur	v Mexico al Resources Departme	nt		Form C-104 Revised 1-1-89 See Instructions
ISTRICT I O. Box 1980, Hobbs, NM 88240 ISTRICT II	OIL CO	NSERVA7 P.O. Box	TION DIVISIO	N		at Bottom of Page
O. Drawer DD, Artesia, NM 88210	Santa		tico 87504-2088		j	
STRICT III OU Rio Brazos Rd., Aztec, NM 87410	REQUEST FOF			ZATION		
perator	TOTRAN	SPORT OIL	AND NATURAL GA	Well AP		-
AMOCO PRODUCTION COMPAN	NY			3003	92333700	
ddress P.O. BOX 800, DENVER, (	COLORADO 80201					
ceason(s) for Filing (Check proper box)			Other (Please expla	iin)		
lew Well	Change in Tra					
Change in Operator		ondensate				
change of operator give name ad address of previous operator						
I. DESCRIPTION OF WELL	AND LEASE					
Lease Name SAN JUAN 28 7 UNIT	Well No. Po	ool Name, Includin BASIN DAKO	g Formation TA (PRORATED GAS	5) Kind of State, Fe	Lease derai or Fee	Lease No.
Location I Unit Letter	1760	eet From The	FSL 8:	30 Feet	From The	FEL Line
16	27N	7W	NRADAA	RIO	ARRIBA	County
Section Township	p <u> </u>	ange	, NMPM,			
II. DESIGNATION OF TRAN	SPORTER OF OIL		AL GAS Address (Give address to w	hich approved c	opy of this form	n is to be sent)
Name of Authorized Transporter of Oil MERIDIAN OIL INC.			3535 EAST 30TH			
Name of Authorized Transporter of Casing	ghead Gas o	r Dry Gas	Address (Give address to w	hich approved c	opy of this form	n is io be sent)
EL PASO NATURAL GAS CO		wp. Rge.	P.O. BOX 1492, is gas actually connected?	EL PASO,		78
If well produces oil or liquids, jive location of tanks.	Unit Soc. T	wh 1 180				
f this production is commingled with that V. COMPLETION DATA	from any other lease or po	ol, give commingli	ng order number:			
	Oil Well	Gas Well	New Well Workover	Deepen	Plug Back S	ame Res'v Diff Res'v
Designate Type of Completion Date Spudded	- (X) Date Compl. Ready to P	Prod.	Total Depth	l	P.B.T.D.	
Date Sprader						
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing For	nation	Top Oil/Gas Pay		Tubing Depth	
Perforations			· · · · · · · · · · · · · · · · · · ·		Depth Casing	Shoe
	TURING (	ASING AND	CEMENTING RECO	RD		
HOLE SIZE	CASING & TUE		AV1000	REL	<b>F</b> IR	CKS CEMENT
				U L I		
				UG2 3 19	90	
V. TEST DATA AND REQUE					mage :	
TI AMON MINING THINK MANY ON	ST FOR ALLOWA	BLE	O	CON.	DIV	r full 24 hours.)
OIL WELL (Test must be after	recovery of total volume of	BLE fload oil and must	be equal to or exceed top a Producing Method (Flow,	CON.	DIV.	r full 24 hours.)
OIL WELL (Test must be after Date First New Oil Run To Tank	recovery of total volume of Date of Test	BLE { load oil and must	be equal to or exceed lop a Producing Method (Flow,	CON.	DIV. depih or be fo	r full 24 hours.)
OIL WELL (Test must be after	recovery of total volume of	BLE	be equal to or exceed top a	CON.	DIV.	r full 24 hours.)
OIL WELL (Test must be after Date First New Oil Run To Tank	recovery of total volume of Date of Test	BLE fload oil and must	be equal to or exceed lop a Producing Method (Flow,	CON.	DIV. depih or be fo	r full 24 hours.)
OIL WELL (Test must be after Date First New Oil Run To Tank Length of Test Actual Prod. During Test	recovery of total volume of Date of Test Tubing Pressure	BLE , fload oil and must	be equal to or exceed top a Producing Method (Flow, Casing Pressure	CON.	DIV depth or be fo ic.) Choke Size	r full 24 hours.)
OIL WELL (Test must be after Date First New Oil Run To Tank Length of Test	recovery of total volume of Date of Test Tubing Pressure	BLE fload oil and must	be equal to or exceed top a Producing Method (Flow, Casing Pressure	CON.	DIV depth or be fo ic.) Choke Size	
OIL WELL (Test must be after Date First New Oil Run To Tank Length of Test Actual Prod. During Test GAS WELL	recovery of total volume of Date of Test Tubing Pressure Oil - Bbls.	f load oil and must	be equal to or exceed top a Producing Method (Flow, Casing Pressure Water - Bbls.	CON. lloweble.for this pump: gas lift, e	DIV adepth or be for tc.) Choke Size Gas- MCF	
OIL WELL (Test must be after Date First New Oil Run To Tank Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test - MCF/D Testing Method (pitot, back pr.) VI. OPERATOR CERTIFIC	recovery of total volume of Date of Test Tubing Pressure Oil - Bbls. Length of Test Tubing Pressure (Shut- CATE OF COMP	f load oil and must in) LIANCE	be equal to or exceed top a Producing Method (Flow, Casing Pressure Water - Bbls. Bbls. Condensate/MMCF Casing Pressure (Shut-in)	CON. llowoble far this pump: gas lift, e	DIV depth or be for tc.) Choke Size Gas- MCF Gravity of Co Choke Size	
OIL WELL (Test must be after Date First New Oil Run To Tank Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test - MCT/D Testing Method (pitot, back pr.)	recovery of total volume of Date of Test Tubing Pressure Oil - Bbls. Length of Test Tubing Pressure (Shut- CATE OF COMP ulations of the Oil Conserv d that the information give	in)	be equal to or exceed top a Producing Method (Flow, Casing Pressure Water - Bbls. Bbls. Condensate/MIMCF Casing Pressure (Shut-in) OIL CC	DNSERV	DIV depth or be for tc.) Choke Size Gas-MCF Gravity of Co Choke Size ATION [	DIVISION
OIL WELL (Test must be after Date First New Oil Run To Tank Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test - MCT/D Testing Method (pitot, back pr.) VI. OPERATOR CERTIFIC I hereby certify that the rules and reg Division have been complied with ap	recovery of total volume of Date of Test Tubing Pressure Oil - Bbls. Length of Test Tubing Pressure (Shut- CATE OF COMP ulations of the Oil Conserv d that the information give	in)	be equal to or exceed top a Producing Method (Flow, Casing Pressure Water - Bbls. Bbls. Condensate/MIMCF Casing Pressure (Shut-in) OIL CC Date Approv	DNSERV	Choke Size Gas-MCF Choke Size Gas-MCF Choke Size Choke Size ATION [ AUG 2 3	DIVISION
OIL WELL (Test must be after Date First New Oil Run To Tank Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test - MCT/D Testing Method (pitot, back pr.) VI. OPERATOR CERTIFIC I hereby certify that the rules and reg Division have been complied with an is true and complete to the best of my	recovery of total volume of Date of Test Tubing Pressure Oil - Bbls. Length of Test Tubing Pressure (Shut- CATE OF COMP ulations of the Oil Conserved that the information give y knowledge and belief.	in) LIANCE vation :a above	be equal to or exceed top a Producing Method (Flow, Casing Pressure Water - Bbls. Bbls. Condensate/MIMCF Casing Pressure (Shut-in) OIL CC	DNSERV	Choke Size Gas-MCF Choke Size Gas-MCF Choke Size Choke Size ATION [ AUG 2 3	DIVISION
OIL WELL (Test must be after Date First New Oil Run To Tank Length of Test Actual Prod. During Test GAS WELL Actual Prod. Test - MCT/D Testing Method (pitot, back pr.) VI. OPERATOR CERTIFIC I hereby certify that the rules and reg Division have been complied with an is true and complete to the best of my	recovery of total volume of Date of Test Tubing Pressure Oil - Bbls. Length of Test Tubing Pressure (Shut- CATE OF COMP ulations of the Oil Conserv d that the information give y knowledge and belief.	in) LIANCE vation :a above	be equal to or exceed top a Producing Method (Flow, Casing Pressure Water - Bbls. Bbls. Condensate/MIMCF Casing Pressure (Shut-in) OIL CC Date Approv	DNSERV	DIV depth or be for tc.) Choke Size Gas-MCF Gravity of Co Choke Size ATION I AUG 2 C	DIVISION

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

with Rule 111.
2) All sections of this form must be filled out for allowable on new and recompleted wells.
3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit 5 Copies Appropriate District Office DISTRICT 1 P.O. Dox 1980, Hobbs, NM 88240

I,

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Drazos Rd., Aztec, NM 87410

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

Form C-104 Revised 1-1-89 See Instructions at Bottom of Page

1

P.O. Box 2088 Santa Fe, New Mexico 87504-2088 REQUEST FOR ALLOWABLE AND AUTHORIZATION

EQUEST FOR ALLOWABLE AND AUTHONIZAT	
TO TRANSPORT OIL AND NATURAL GAS	
	Well API No.

Amoco Production Com	pany						300	3923337	1	Jel	11 Property
Address 1670 Broadway, P. O.	Box 800	), Denv	er,	Colorad	lo 80201				the state		O V LE
Reason(s) for l'iling (Check proper box) New Well [] Recompletion [] Change in Operator [2]	Oil	Change in	Transj Dry C	porter of:		es (Please exp	lain)		0	JUN 1	
f change of operator give name Ter	nneco Oi	1 E &	P, 6	162 S.	Willow,	Englewoo	od, Cold	rado 80	155	SANTA	ATION DIV.
L DESCRIPTION OF WELL Lease Name SAN JUAN 28-7 UNIT Location	. AND LE		BASI	IN (DAKO				97 <u>E</u>	SF07	ease No. 18387A	
Unit LetterI	_:17	760	Feet l	from The FS	SL Line	and 830	I	eet From The	FEL	Line	
Section 16 Towns	hip 27N		Range	e7W	, NI	MPM,	RIO	ARRIBA		County	
II. DESIGNATION OF TRA Name of Authonized Transporter of Oil CONOCO Name of Authonized Transporter of Casi	nghead Gas	or Conder	nsale		Address (Giv P. O. BC Address (Giv	X 1429, e address io w	BLOOMF	d copy of this f IELD, NM d copy of this f	87413 orm is to be st		
EL PASO NATURAL GAS CI If well produces oil or liquids, five location of tanks.	UMPANY Unit	Soc.	Twp.	Rge.			UL PAS	0, <u>TX 7</u> 9 07	9978		
f this production is commingled with the	t from any of	her lease or	pool, g	ive comming	ling order num	ber:					
V. COMPLETION DATA Designate Type of Completion	n - (X)	Oil Well		Gas Well	New Well	Workover	Deepen	Plug Dack	Same Res'v	Diff Res'v	
Date Spudded	Date Com	pl. Ready to	Prod.		Total Depth			P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of I	roducing F	ormatio	n.	Top Oil/Gas	Pay		Tubing Dep	th		
Perforations								Depth Casir	ig Shoe		
		TUBING.	CAS	ING AND	CEMENTI	NG RECO	<u>ນ</u>				
HOLE SIZE		SING & T				DEPTH SE			SACKS CEM	IENT	
	_							-			
	ST FOR				t be equal to or	exceed top al	lowable for 11	is depth or be	for full 24 hos	ws.)	
		otal values	011001								
DIL WELL (Test must be after	recovery of i	overy of total volume of load oil and must be			Producing M	ethod (Flow, p	wmp, gas lift,	elc.)			
V. TEST DATA AND REQUI DIL WELL (Test must be after Date First New Oil Run To Tank Length of Test	recovery of i	esi	0] 1000		Producing Mi Casing Press.	ethod (Flow, p	wmp, gas lift,	elc.) Choke Size			

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate		
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in) i	Clioke Size		
I hereby certify that the rules and	FICATE OF COMPLIANCE regulations of the Oil Conservation and that the information given above	OIL CONSE	ERVATION DIVISION		
is true and complete to the best of	my knowledge and belief.	Date ApprovedMAY 0.8 1989			
J. J. Ha	mpton	Ву	sin, du		
J. L. Hampton Printed Name Janaury 16, 1989	<u>Sr. Staff Admin. Supry.</u> Tide 303-830-5025	Title	PERVISION DISTRICT # 3		
Date 10, 1909	Telephone No.	·			

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.

2) All sections of this form must be filled out for allowable on new and recompleted wells.

3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.

4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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•				, <del>.</del>	
	W. WOOL AN				
	NU 9			5	
STATE OF NEW MEXICO					
INERGY AND MINERALS DEPARTMENT				Form C-104	
			N1	Revised 10-01-78 - Format 06-01-83	
	OIL CONSERVA			Page 1	
FILE	SANTA FE, NEW				
TRANSPORTER GAS	REQUEST FOR				
	AN AUTHORIZATION TO TRANSPO		AL GAS	GEIVE	
[.			Li li		##
Tenneco Oil Company	v - <b>11</b>		Ū	CT 02 1985	U
Address			OIL	CON DIL	-
P. 0. Box 3249, En	glewood, CO 80155	Other (Please	esplain)	DIST 2	
Reason(s) for filing (Check proper box)	Change in Transporter of:				
Recompletion	8 8.	Gas			
X Change in Ownership	Casinghead Gas Cor	ndensole		<u> </u>	
If change of ownership give name El	Paso Natural Gas Comp	any, P. O. Box	4990. Farmir	igton, NM 8749	9
and address of previous owner					
II. DESCRIPTION OF WELL AND L	Well No. Pool Name, Including Fo	Imation	Kind of Lease		Lease No.
SJ 28-7 Unit	165E Basin Dakota		State, Federal or F	•• State E	-2825-6
Location	South	. 830	_ Feet From The _	East	_
Unit Letter I : 1760	Feet From The South Line	and 0.00			
Line of Section 16 Townsh	tp 27N Range 7	. ммрм,	·	<u>Rio Arriba</u>	County
III. DESIGNATION OF TRANSPOR	TER OF OUL AND NATURAL	GAS			
Name of Authorized Transporter of Cil	j of Condensate 🔼	Addiese fores addiese			sent)
Conoco Inc. Surfac		Address (Give address )	60, Hobbs, Mobbs, Mobbs	opy of this form is to be	e sent/
Name of Authorized Transporter of Casing El Paso Natural Ga				ton, NM 87499	
LI POSU Natural Ga		is gas actually connects	ed? When		
give location of tanks.	I 16 2711 7W	Yes			
If this production is commingled with t		give comminging order			
NOTE: Complete Parts IV and V o	n reverse side if necessary.				
VI. CERTIFICATE OF COMPLIANC	E		ONSERVATION	N DIVISION	
I have her the rules and regulations	of the Oil Conservation Division have	APPROVED	DCT 021	985	
been complied with and that the information g my knowledge and belief.	iven is true and complete to the best of	BY_Sram	b. U.		
ing knowledge and benefit		S	UPERVISOR DISTRIC	N 11 3	
le acit			he filed in com	liance with RULE 1	104.
Set M-Kung		10 15 10 10 0 000	uset for allowable	for a newly drilled	or deepened
(Stenaiw)	1)	well, this form mus tests taken on the	t be accompanied	by a tabulation of the	ne devision
	Ampluct				

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Sr. Regulatory Analyst (Tule) OCT 1 1985

(Dose)

All sections of this form must be filled out completely for allowable on new and recompleted wells. Fill out only Sections I. II. III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

## IV. COMPLETION DATA

V. COMPLETION DATA	Oil Well	Gos Well	New Well	Workover	Deepen	Plug Back	Same Res'v. Diff. Re
Designate Type of Completio	n = (X)		1	·	<u> </u>		1
Date Spudded	Date Compl. Ready to	Prod.	Total Dept	h		P.B.T.D.	
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing For	motion	Top Oll/Ge	is Pay		Tubing Dep	th
			1			Depih Casi	ng Shoe
Perforations							
	TUBING	, CASING, AN	D CEMENTI	NG RECOR	D		
HOLE SIZE	CASING & TUE	ING SIZE		DEPTH SE	T	S	ACKS CEMENT
			+				
		· .	1				

#### V. TEST DATA AND REQUEST FOR ALLOWAB able for this depth or be for full 24 hours) Producing Method (Flow, pump, gas lift, etc.) Date of Test Dote First New Oil Run Te Tanks Choke Size Casing Pressure Tubing Preseure Length of Test . Ges - MCF Wonet - Bbla. Oll - Bbls. Actual Prod. During Test

CAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate
Teeling wethed (picos, back pr.) 7	Tubing Pressure (Shat-in )	Casing Pressure (Shut-18)	Choke Size

## EL PASO NATURAL GAS COMPANY POST OFFICE BOX 990 FARMINGTON, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE June 29, 1984

## THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM E1	Paso Natural Gas Company	San Juan 28-7 Unit #165E				
	Operator	Well Name				
94-964-01	11429-51	I	16-27-7			
Meter Code Site Code		Well Unit	S-T-R			
Basin Dakota		El Paso Natural Gas Company				
	Pool	Name	of Purchaser			
WAS MADE ON	June 13, 1984	FIRST DELIVERY_	June 14, 1984			
	Date		Date			

AOF \_\_\_\_

CHOKE \_\_\_\_\_1,236



El Paso Natural Gas Company Purchaset Representativ

Title

cc: Operator Oil Conservation Commission - 2 RECENTION El Paso Production Control Contract Administration File



	JAN2 3 1984 OIL CON. DIV. DIST. 3
STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT U.S. OF COPIES SECTIVES DISTRIBUTION OIL CONSERVA P. O. BOJ SANTA FE U.S.G.S. U.S.G.S. U.S.G.S. COPERATOR PROBATION OFFICE I. I.	Revised 10-01-78 Format 06-01-83 Page 1 K 2088 MEXICO 87501 ALLOWABLE
	Gas Indensate
and address of previous owner	State, E - 2825-6
III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL         Name of Authorized Transporter of Oil       or Condensate       Image: Condensate         El Paso Natural Gas       Image: Condensate       Image: Condensate	GAS Address (Give address to which approved copy of this form is to be sent) Box 4289, Farmington, New Mexico, 87499 Address (Give address to which approved copy of this form is to be sent) Box 4289, Farmington, New Mexico, 87499 Is gas actually connected?
If this production is commingled with that from any other lease or pool, if NOTE: Complete Parts IV and V on reverse side if necessary. VI. CERTIFICATE OF COMPLIANCE I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.	OIL CONSERVATION DIVISION APPROVED BY SUPERVISOR OSTRICT # 3 TITLE This form is to be filed in compliance with RULE 1104.
(Signature) Drilling Clerk (Tule) Janurary 18, 1984 (Date)	If this is a request for allowable for a newly drilled or despend well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with AULE 111. All sections of this form must be filled out completely for allow- able on new and recompleted wells. Fill out only Sections I, II. III, and VI for changes of owner, well name or number, or transporter, or other such change of condition. Separate Forms C-104 must be filled for each pool in multiply completed wells.

Form C-104 Revised 10-01-78 Format 06-01-83 Page 2

Dist

Beels

## IV. COMPLETION DATA

Designate Type of Comple	tion - (X)	New Weil Workover Deepen	I I I III III IIII IIII IIIII IIIII		
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.		
12-6-83	1-11-84	7699'	7679'		
Levetions (DF, RKB, RT, GR, stc.,	Name of Producing Formation	Top Oll/Gas Pay	Tubing Depth		
6636'GL	Dakota	7410!	7558'		
Perforations 7410 w/ 1 Spz	, 7417, 7426, 7492, 7530	, 7537, 7544, 7565, 7584	Depth Casing Shoe 7699 '		
w/ 2 Spz	TUBING, CASING, A	D CEMENTING RECORD			
HOLESIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT		
12 1/4"	9 5/8"	218'	124 cu. ft.		
8 3/4" & 7 7/8"	4 1/2"	7696 '	435 cu. ft. 1665		
	2 3/8"	7558'			
			1		

# V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or OII. WELL able for this depth or be for full 24 houre)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)			
Length of Teet	Tubing Pressure	Casing Pressure	Choke Size		
Actual Prod. During Test	Oil-Bbis.	Water - Bbis.	Qae - MCF		

## - -

GAS WELL Actual Prod. Test-MCF/D	Length of Test	Bbis. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Shut In - 7 Days Tubing Presswe (shut-in)	Casing Pressure (Shut-in)	Choke Size
	2054	2324	

1984 OIL CONCEPTIATION DIVISION

STATE OF NEW									Form C-105 Revised 10-1-78
RGY AND MINERA	LS DEPARTMENT		CONS		TION DI	VISION			
	1460	UIL				VISION			licate Type of Lease
DISTRIBUTIO							te X Fee		
SANTA FE		SA	IN IA FE	., 14	MEXICO	07501.			e Oil & Gas Lease No.
L+5.0.5.	w	ELL COMPLI			MPLETION	REPORT	AND LOG	E	- 2825-6
LAND OFFICE		ELE COMI EI	L Hon of						
TYPE OF WELL								7. Unit	Agreement Name
TYPE OF NECL	016	GAS		<u> </u>	MEA	·		Sa	n Juan 28-7 Unit
TYPE OF COMPLE	WELL	wei wei	۱	DRY	THE OTHER		TTT		m or Lease Name
NEW V WC	RK .			SVR.	OTHER			Sa	n Juan 28-7 Unit
ame of Operator				374.	JAN2	3 1984	Ranger Ranger	9. Well	No.
El Paso Nat	ural Gas				111 00				165E
ddress of Operator					AIL CO	N. DIV			eld and Pool, or Wildcat
Box 4289, H	armington,	New Mexico	, 87499		DIST	F ?		Ва	sin Dakota
ocation of Well									
LETTER I	LOCATED 17	60 FEET	-	South	LINE AND	830	FEET FROM	12. Co	
						////////			
	SEC. 16 TV			NMPM		evotions (DF	RKR RT		Arriba 19. Elev. Cashinghead
Dute Spudded					100.1	6648		,,	66361
12-6-83 Total Depth	12-20-	Back T.D.	1-11-84		le Compl., How		als , Rota	ry Tools	Cable Tools
76991		7679'		Many		Drille	By Ro		
Producing Interval	s), of this completi		m, Name			<u></u>			25. Was Directional Survey
	74101	7584' (Dak	ota)						Nade
	/410 -	7564 (Dak	ocaj						NO
Type Electric and	Other Logs Run								27. Was Well Cored
PFC Chart,	IEL, Temp.	Survey, CD	L						No
				DRD (Rep	ort all strings	set in well)			
CASING SIZE	WEIGHT LB./		HSET		ESIZE		NTING REC	ORD	AMOUNT PULLED
9 5/8"	40.0#	21			1/4"	<u>124 cu.</u>		- 8-	
4 1/2"	10.5 & 11	6# 769	0.	8 3/4	& 7 7/8"	418 cu.			
						575 cu.	C+ 30	1 stag	
		INER RECORD		<u> </u>		30.			RECORD
SIZE	тор	BOTTOM	SACKS C	EMENT	SCREEN	SIZE	DI	PTH SE	T PACKER SET
						2 3/	811	7558'	
Perforation Record	(Interval, size and	number)			32. A	CID, SHOT, F	RACTURE,	CEMEN	T SQUEEZE, ETC.
7410 w/ 1 S	Spz, 7417, 7	426, 7492,	7530,			NTERVAL	AMO	UNT AN	D KIND MATERIAL USED
	7565, 7584				7410'	<u>- 7584'</u>			nd & 109,190 gal.
					J		water	•	
				PPOD	UCTION		1		
First Production	Produc	tion Method (Fla	owing, gas l			type pump)	to be	Well	Status (Prod. or Shut-in)
c/o 1-4-84		ving - Capa			,			S	hut In
of Test	Hours Tested	Choke Size	Prod'n.	For	Oil - Bbl.	Gas – MC		er - Bbl.	. Gas-Oil Ratio
1-11-84	SI 7 days	;	Test Pe	eriod	0	0		0	
w Tubing Press.	Casing Pressure	Calculated 2	4- 011 - B	ibl.	Gas - MC	CF W	ater - Bbl.		Oil Gravity - API (Corr.)
SI 2054	SI 2324	How Rate	No No	Flow	No FI	low	No Flo		
Disposition of Gas		l, vented, etc.)						t Witnes	
Shut In - '	Fo be sold							Glen S	pencer
List of Attachment	5			-					
									1:-(
I hereby certify the	t the information si	hown on both sid	es of this fo	orm is tru	ie and complete	to the best of	my knowle	age and t	ett c j.
12	61 2								
SIGNED N.	J. Alla	ico	TIT	LE D	rilling C	<u>lerk `</u>	· · ·	DATE	January 18, 1984

#### INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

#### INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	Southeaste	rn New Mexico	Northwestern	New Mexico
T. B. T.	Salt	T. Devonian	T. Kirtland-Fruitland       2423'         T. Pictured Cliffs       3093'         T. Chacra 4030, MV 4768'         T. Menefee       4790'         T. Point Lookout       5360'         T. Mancos       6442'         Base Greenhorn       7288'	T. Madison
No.	1, from		No. 4, from	
٩o.	2, from		No. 5, from	to
<b>1</b> 0.	3, from	14 July 14	HATER SANDS	to
.ncl	ude data on rate of water inflow	and elevation to which water rose	TANOR SANDS	
			THE EQUAL EF	
NO. 1	2, from	to	OIL ODI SALL feet	
io. 1	<b>S,</b> from			
lo.	4, from	to	feet	

FORMATION RECORD (Attach additional sheets if necessary)

From	То	Thickness in Feet	Formation	From	То	Thickness in Feet	Formation
2360'	2423'	63	Ojo Alamo				
2423'	2911'	488	Kirtland				
2911'	3093'	.182	Fruitland				
3093'	4030'	937	Picture Cliffs				
4030'	4768'	738	Chacra			!	
4768'	4790	22	Mesa Verde			\$	
4790'	5360'	570	Menefee				
5360'	6442'	1082	Point Lookout				
6442'	7288'	846	Gallup				
7288'	7351'	63	Greenhorn			1	
7351'		171	Graneros				
75221	7584'	62	Dakota				
	•						· · · · · · · · · · · · · · · · · · ·
			•				
			· · · · · · · · · · · · · · · · · · ·				

RGY AND MINERALS DEPARTMENT	
SO. OF CONSERVATION DIVISION	
DISTRIBUTION P. O. BOX 2088	Form C-103
SANTA FE SANTA FE, NEW MEXICO 87501	Revised 10-1-78
FILE	Sa. Indicate Type of Lease
U.S.G.S.	
LAND OFFICE	
OPERATOR	5, State Oil & Gas Lease No.
	E-2825-6
SUNDRY NOTICES AND REPORTS ON WELLS	
	7. Unit Agreement Name
IL GAS WELL LY OTHER-	San Juan 28-7 Unit
ne of Operator JAN D 6 1984	8. Farm or Lease Name
El Paso Natural Gas Company	San Juan 28-7 Unit
E1 Paso Natural Gas Company Iress of Operator OIL CON. DIV.	9. Well No.
Box 4289, Farmington, new Mexico 87499	165E
Box 4289, Farmington, new Mexico 87499 DIST. 3	10. Field and Pool, or Wildcat
	Basin Dakota
NIT LETTER I 1760 FEET FROM THE South LINE AND 830	Dasin Dakota
HE East 16 27N 7W NMPM.	
15. Elevation (Show whether DF, RT, GR, etc.)	12. County Rio Arriba
6636' GL	RIO ALIIDA
Check Appropriate Box To Indicate Nature of Notice, Report or Oth	er Data
NOTICE OF INTENTION TO:	
IRM REMEDIAL WORK	ALTERING CASING
ORARILY ABANDON COMMENCE DRILLING OPHS.	PLUG AND ABANDONMENT
OR ALTER CASING	
OTHER Perforating and	Fracturing
scribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including ( wk)-SEE RULE 1103.	estimated date of starting any proposed

- 12-22-83 T.D. 7699'. Ran 192 joints 4 1/2", 10.5 & 11.6# K-55 production casing (7684') set at 7696'. Float collar set at 7679', stage tools set at 5956 and 3314'. Cemented first stage w/418 cu. ft. cement, second stage w/575 cu. ft. cement, third stage w/672 cu. ft. cement. W.O.C. 18 hours. Top of cement at 100'.
- 1-1-84 P.B.T.D. 7679'. Tested casing to 4000# O. K. Perforated 7410' w/1 SPZ, 7417, 7426, 7492, 7530, 7539, 7544', 7565, 7584' w/2 SPZ. Fractured w/106,500# 20/40 sand and 35,500# 10/20 sand and 109,190 gallons treated water. Dropped 52 sets of 1 ball each. Flushed w/4930 gallons water.

preby certify that the information above is true and <i>J. J. Appenco</i>	Drilling Clerk	January 5, 1984
Jul OR	SUPERVISOR DISTRICT # 3	JAN 06 1984

RGY AND MINERALS DEPARTMENT	
OIL CONSERVATION DIVISION	
DISTRIBUTION P. O. BOX 2088	Form C-103
SANTA FE SANTA FE, NEW MEXICO 87501	Revised 10-1-71
FILE	Sa. Indicate Type of Lease
U.S.G.S.	State Y Fee
LAND OFFICE	5. State Oil & Gas Lease No.
OPERATOR	
	E-2825-6
SUNDRY NOTICES AND REPORTS ON WELLS	
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE ""APPLICATION FOR PERMIT _"" (FORM C+101) FOR SUCH PROPOSALS.)	
	7. Unit Agreement Name
	San Juan 28-7 Unit
ne of Operator	8. Farm or Lease Name
El Paso Natural Gas Company	San Juan 28-7 Unit
dress of Operator	9. Well No.
Box 4289, Farmington, New Mexico 87499	165E
cation of Well	10. Field and Pool, or Wildcat
I 1760 South 830	Basin Dakota
INIT LETTER FEET FROM THE LINE AND PEET FROM	, mmmmmmm
Fact 16 27N 7W	
HE East LINE, BECTION 16 TOWNSHIP 27N RANGE 7W NMPM	·AIIIIIIIIIIIIIIIIIIIIIII
	<u> </u>
15, Elevation (Show whether DF, RT, GR, etc.)	12. County
6636'GL ·	Rio Arriba
Check Appropriate Box To Indicate Nature of Notice, Report or Ot	her Data
	T REPORT OF:
	· · · · · · · · · · · · · · · · · · ·
ORM REMEDIAL WORK	ALTERING CASING
ORARILY ABANDON COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
DR ALTER CASING TEST AND CEMENT JOB	_
OTHER	
HCR	
	· · · · · · · · · · · · · · · · · · ·
the second s	antimated data of evention and proposed

escribe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed ork) SEE RULE 1103.

12-6-83 Spudded well. Drilled surface hole. Ran 5 joints 9 5/8", 40#, K-55 surface casing (206') set at 218' w/124 cu. ft. cement circulated to surface. W.O.C. 12 hours. Held 600#/30 Minutes.

RECEIVED OIL CON. DIV. DIST. 3

hereby certify that the information above is true an	d complete to the bes	t of my knowledge and belief.	
D. D. Dusco		Drilling Clerk	DATE December 9, 1983
VED BY Buch. Che		Corporator Motelet 🐺 3	DEC 1 2 1983
SITIONS OF APPROVAL, IF ANY:			

•								
NO. OF COPIES RECEIVED							20- 0	39-23337
DISTRIBUTION		NEW MEXICO OIL CONSERVATION COMMISSION				Form C-101		
SANTA FE			and the second s				Revised 1-1-6	55
FILE							5A. Indicate	Type of Lease
U.S.G.S.			and the second s		Barris 1900		STATE	FEE
LAND OFFICE			ad ad Ni	ON 141983			.5. State Oil	& Gas Lease No.
OPERATOR				CON FO	38.8		E-28	325-6
	· · · · ·		OL	CON. D			<u>IIIIII</u>	
APPLICATIO	N FOR PE	RMIT TO	DRILL, DEEPEN	OR SPLUG B	ACK			
a. Type of Work							7. Unit Agre	ement Name
DRILL X							San	Juan 28-7 Unit
b. Type of Well			DEEPEN		PLUG B		8. Farm or L	
WELL GAS WELL	о. н			SINGLE X	MULT	ZONE	San	juan 28-7 Unit
2. Name of Operator	0.8	- R	· · · ·	ZONE LA			9. Well No.	<u>juun 10 /</u>
El Dece Natur		omnany					165	
El Paso Natur 3. Address of Operator	al GAS (	ompany						d Pool, or Wildcat
D 4280 Eas	minaton	Nou Mc	wice 87/99				Basi	in Dakota
Box 4289, Fai	THREON'	New Me	1760		South		IIIII	
UNIT LETTI	ER	LOC	ATED 1760	FEET FROM THE	boutin	LINE		
AND 830 FEET FROM	Eas	t	E OF SEC. 16	1WP.27N		7W NMPM		
AND OJU FEET FROM		IIII		TITITITI	RGE.		12. County	WHHHH
		//////			//////	///////	Rio Arri	iha (()))))))))
*************	******	HHHH	********	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<i>HHHH</i>		
		//////			./////			
*********	<i>+++++++</i> +	+++++++	*******	.19. Proposed De	epth 19	9Å. Formation		20. Rotary or C.T.
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	//////		7695		Dakot	i.	Rotary
21. Elevations (Show whether DF	RT. etc.)	21A Kind	& Status Plug. Bond	21B. Drilling Co	Intractor	Dakut		. Date Work will start
	,,,		-	212. 2. ming 00			22, Appiox	- Date WOIR WIII Stull
<u> </u>		Stat	tewide		_		1,	
su.		P	ROPOSED CASING AN	ND CEMENT PRO	OGRAM			
		CASING	WEIGHT BED 500		DEDTU	CACKEOF	CEVENT	EST TOP
SIZE OF HOLE	SIZE OF	CASING	WEIGHT PER FOC	I SELLING	DEPTH	SACKS OF	CEMENT	EST. TOP

1 - 1 for white the

SIZE OF HOLE	SIZE OF CASING	WEIGHT PERFOUT	SETTING DEPTH		ESI. IUP
12 1/4"	9 5/8"	40#	200'	130 cu. ft.	Circ. to Surface
7 7/8"	4 1/2"	10.5# & 11.6#	7695'	1351 cu. ft.	3 Stg- to Cover
					Ojo Alamo

Production casing Cementing:

1st Stage - 420 cu. ft. cement to cover the Gallup formation 2nd Stage - 429 cu. ft. cement to cover the Mesa Verde formation. 3rd Stage - 502 cu. ft. cement to cover the Ojo Alamo formation.

Selectively perforate and sand water fracture the Dakota formation.

A 3000 psi WP & 6000 psi test double gate preventor equipped with blind and pipe rams will be used for blow-out prevention on this well.

This gas is dedicated.

The E/2 of SEction 16 is dedicated to this well.

N ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OF PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUC-IVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

hereby certify that the information above is true and con	mplete to the be <b>st of</b> my knowledge and belief.	
igned D. J. Lusco		DateNovember 10, 1983
(This space for State Use)	1	11-18-83
ONDITIONS OF APPROVAL, IF ANY:	TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3	DATENOV 1.8 1983

STÂTE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

### OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Form C-102 Revised 10-1-78

		All distance	a must be from	the outer boundaries	of the Section	•	
rotor	•					-0 ()	Well No.
	NATURAL GAS			San Juan 28-7		2825-6)	165E
it Letter	Section	Township		Range	County		
I	16 .	27.	-N	7-W	Rip A	rriba	
	ocation of Well:			800		D- ch	
1760	feet from the	South	line and	830	feet from the	East	line '
ound Level Ele	w. Producing		Pa				Dedicated Acreage:
6636	the acreage dedi	Dakota		Basin Dak			320.00 Act
interest	and royalty).						thereof (both as to work) f all owners been conso
	communitization	, unitization, fo	rce-pooling.				ph. CON, DIV. <b>DISI, 3</b>
	_						1 /71
		e owners and th	act descrip	tions which have	actually be	en consolid	ated. (Use reverse side
	if necessary.)						
No allow	able will be assign	gned to the well	until all in	terests have been	n consolidat	ed (by con	munitization, unitizatio
forced-po	ooling, or otherwis	se) or until a non	i-standard u	nit, eliminating s	uch interest	s, has been	approved by the Divisi
			<u>xoxoxoxoxoxo</u>		XXXXXX		CERTIFICATION
	1	23		i i	R	Я	
		<b>X</b>			K	I hambu	certify that the information c
	1	X			Þ		rein is true and complete to:
		X		ł	R		y køwledge and belief.
		B		#165	R	Destor	
					K	al.	D. Dusco
	l .			11	Þ	Name	
·	+				R	Dril	ling Clerk
	1			1	K	Position	
	1	X		. 1	P	El Pa	iso Natural GAs Co.
		× M			R	Company	
	1	K)		l.	K	Novembe	er 10, 1983
	i				Б	Date	
	i i	SEC 🗙		1	R	R	•
	• · · · · · · · · · · · · · · · · · · ·	Ň		l	K		
	1	X					
		X			R	I hereby	certify that the well locati
	1	K	16		K		this plat was plotted from fi
	i	. 🕅		1	Þ	X	octual surveys made by me
	i	M			830' K		supervision, and that the sa
	i ·	. <b>K</b> E	-2825-6	! O-			and correct to the best of
				4	K		e and belief.
		KA				1	
					le l		
						Date Survey	
				.1760		Uctobe	r 25, 1983
				1760'		Uctobe Registered	r 25, 1983 Proiessional Engineer
				1760		Uctobe	r 25, 1983 Proiessional Engineer
				1760'		Uctobe Registered	r 25, 1983 Proiessional Engineer
				1760'		Uctobe Registered	r 25, 1983 Proiessional Engineer
			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Uctobe Registered	r 25, 1983 Protossional Engineer d Surveyor

### **ADMINISTRATIVE ORDER DHC-1797**

Conoco Inc. 10 Desta Drive Suite 100W Midland, Texas 79705-4500

Attention: Ms. Kay Maddox

San Juan 28-7 Unit No. 165E API No. 30-039-23337 Unit I, Section 16, Township 27 North, Range 7 West, NMPM, Rio Arriba County, New Mexico. Blanco-Mesaverde (Prorated Gas - 72319) and Basin-Dakota (Prorated Gas - 71599) Pools

Dear Ms. Maddox:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Production from the subject well shall be allocated as follows:

Gas and oil production from the Basin-Dakota Gas Pool shall be determined utilizing the mid-year average production forecast submitted by the applicant as an attachment to the downhole commingling application. Gas and oil production from the Blanco-Mesaverde Gas Pool shall be determined by subtracting Basin-Dakota Gas Pool production from the well's total monthly oil and gas production.

Administrative Order DHC-1797 Conoco Inc. February 24, 1998 Page 2

The allocation method established herein may be altered at some time subsequent to initiating downhole commingling operations upon request by the operator and for good cause shown.

**REMARKS:** The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 24th day of February, 1998.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

On Whotenberry

LORÍ WROTENBERY Director

SEAL

LW/DRC

cc: Oil Conservation Division - Aztec State Land Office-Oil & Gas Division

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11/18/02 13:52:37

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CMD :

CMD : ONGARD 11/18/02 13:52:40 OG5SECT INQUIRE LAND BY SECTION OGOMES -TP8U PAGE NO: 2 Sec : 16 Twp : 27N Rng : 07W Section Type : NORMAL L Κ J Ι 40.00 40.00 40.00 40.00 CS CS CS ĊS E02825 0011 E02825 0011 E02825 0011 E02825 0011 CONOCO INC ! CONOCO INC CONOCO INC ! CONOCO INC

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CMD : OG6IWCM	ONGARD INQUIRE WELL COMPLETIONS	11/18/02 13:52:57 OGOMES -TP8U
		WC Status : A
Well No : 165M GL Elevation: 6636		
U/L 5	Sec Township Range North/South	
Lot Identifier: Dedicated Acre: 320.0 Lease Type : S		FTG 830 F E P
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CMD : OG6IWCM	ONGARD INQUIRE WELL COMPLETIONS	11/18/02 13:53:01 OGOMES -TP8U
		WC Status : A
Well No : 165E GL Elevation: 6636		
U/L Sec	Township Range North/South	East/West Prop/Act(P/A)
Lot Identifier: Dedicated Acre: 320.00 Lease Type : S	27N 07W FTG 1760 F S	

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30 39 23337	SAN JUAN 28 7 UNIT	03 99 31	2929	17	F
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30 39 23337	SAN JUAN 28 7 UNIT	05 99 31	2876	27	F
30 39 23337	SAN JUAN 28 7 UNIT	06 99 30	2111	16	F
30 39 23337	SAN JUAN 28 7 UNIT	07 99 26	2352	16	F
30 39 23337	SAN JUAN 28 7 UNIT	08 99 31	2919	21	F
30 39 23337	SAN JUAN 28 7 UNIT	09 99 30	2611	24	F
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API Well No : 30					1993 To :	10 2002
API Well No Property	Name		_			
						Water Stat
30 39 23337 SAN JUAN 2						F
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30 39 23337 SAN JUAN 2	8 7 UNIT	12 99	31	2465		F
30 39 23337 SAN JUAN 2	8 7 UNIT	01 00	31	2770		F
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API Well No : 30	39 23337 Re	eport Pe	riod - 1	From : 01	1993 To :	10 2002
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30 39 23337 SAN JUAN 2		08 00	31	1997	10	F
30 39 23337 SAN JUAN 2		09 00	30	1883	13	F
30 39 23337 SAN JUAN 2		10 00		1929	19	F
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30 39 23337	SAN JUAN 28 7 UNIT		F
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30 39 23337	SAN JUAN 28 7 UNIT	03 01 28 2446	13 F
30 39 23337	SAN JUAN 28 7 UNIT	04 01 30 1821	22 F
30 39 23337	SAN JUAN 28 7 UNIT	05 01 31 1626	13 F
30 39 23337	SAN JUAN 28 7 UNIT	06 01 26 428	F
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API Well No	Property Name	Prodn. Days MM/YY Prod	Gas	Oil I	Water Stat
30 39 23337	SAN JUAN 28 7 UNIT				F
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30 39 23337	SAN JUAN 28 7 UNIT	09 01 30	2274	1	F
30 39 23337	SAN JUAN 28 7 UNIT	10 01 31	2568	24	F
30 39 23337	SAN JUAN 28 7 UNIT	11 01 30	2198	29	F
30 39 23337	SAN JUAN 28 7 UNIT	12 01 30	2194	18	F
30 39 23337	SAN JUAN 28 7 UNIT	01 02 31	2430	25	F
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30	39 2333	7 SAN JUAN	28 7 UNIT	03	02	31	2271	22	F
30	39 2333	7 SAN JUAN	28 7 UNIT	04	02	30	1756	16	F
30	39 2333	7 SAN JUAN	28 7 UNIT	05	02	31	2236	13	F
30	39 2333	7 SAN JUAN	28 7 UNIT	06	02	30	2058	22	F
30	39 2333	7 SAN JUAN	28 7 UNIT	07	02	31	1901	3	F
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# Date: 11/18/2002 Time: 01:59:56 PM

## Federal Register & Vol. 58, No. 154 / Thursday, August 12, 1993 / Notices

on non-Federal residential buildings are 275.204, within 20 days after the date 2 lso relevant to a building energy hour this notice is issued by the Commission of andard for Federal residences because Linwood A. Walson, Jr. 19 he comments address issues of Acting Secretary feasibility and cost effectiveness. These and any future comments on the nen-Federal residential standards will be given serious consideration for potential applicability to the Federal residential standard development required by the Energy Policy Act of 1992.

Issued in Washington: DC:August 5, 1993. Robert L. San Martin, Acting Assistant Secretary: Energy Efficiency and Renewable Energy:

[FR Doc. 93-19409 Filed 8-11-93; 8:45 am]

Federal Energy Regulatory Commission

[Docket No. JD93-13529T New Mexico-48]:

United States Department of the Interior, Bureau of Land Management; NGPA Notice of Determination by Jurisdictional Agency Designating Tight Formation

August 6, 1993.

Take notice that on July 30, 1993, the United States Department of the: Interior's Bureau of Land Management (BLM) submitted the above-referenced. notice of determination pursuant to § 271.703(c)(3) of the Commission's regulations, that the Mesaverde Group underlying certain lands in the Blanco Mesaverde Area of the Blanco Mesaverde Pool in San Juan and Rio Arriba Counties, New Mexico, qualifies. as a tight formation under section 107(b) of the Natural Gas Policy Act of 1978. The area of application covers approximately 480,076 acres, more or less, and consists of 78.68% Federal, 0.33% Havajo Allotted, 12.08% State and 8.91% Fee Lands. The recommended area is described on the attached appendix.

The notice of determination also contains BLM's and the New Mexico Department of Energy, Minerals and Natural Resources' findings that the referenced portion of the Mesaverde Group meets the requirements of the Commission's regulations set forth in 18 CFR part 271.

The application for determination is available for inspection, except for material which is confidential under 18 CFR 275.206, at the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426. Persons objecting to the determination may file a protest, in accordance with 18 CFR 275.203 and

Appendix A STATE OF THE AREA STATE OF THE AREA STATE TOWNSHIP 27 NORTH, RANGE 7 WEST Section 15: W/2 Sections 16-21: All Section 22: W/Z Section 22: W/Z Section 28: N/2 Sections 29-30: All TOWNSHIP 27 NORTH RANGE 8 WEST Sections 1-38:All TOWNSHIP 28 NORTH, RANGE 7 WEST TOWNSHIP 28 NORTH, RANGE & WEST TOWNSHIP 28 NORTH, RANGE 9, WEST TOWNSHIP 28 NORTH, RANGE 10 WEST Sections 7-36: All (Irregular Township). TOWNSHIP 29 NORTH, RANGE 7 WEST TOWNSHIP'29 NORTH, RANGE 8 WEST TOWNSHIP 29 NORTH, RANGE 9 WEST TOWNSHIP 29 NORTH, RANGE 10 WEST TOWNSHIP 29 NORTH, RANGE 1T WEST TOWNSHIP 30:NORTH, RANGE 7 WEST TOWNSHIP 30 NORTH RANGE & WEST TOWNSHIP 30 NORTH, RANGE 9 WEST TOWNSHIP 30 NORTH, RANGE.10 WEST TOWNSHIP 30 NORTH, RANGE 11 WEST Sections 1-36: All TOWNSHIP 31 NORTH, RANGE 5 WEST Sections 6-7: All Sections 18-19: All Section 30: All TOWNSHIP 31 NORTH, RANGE 7 WEST TOWNSHIP 31 NORTH, RANGE'S WEST TOWNSHIP 31 NORTH, RANGE 9 WEST TOWNSHIP 31 NORTH, RANGE 10 WEST TOWNSHIP 31 NORTH, RANGE 11 WEST Sections 1-36: All TOWNSHIP 32 NORTH, RANGE 10 WEST TOWNSHIP 32 NORTH, RANGE 11 WEST Sections 7-36: All (Irregular Township)

[FR Doc. 93-19327 Filed 8-11-93; 8:45 am] BILLING CODE 5717-01-M

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NM-1813-92

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r inspection f Fuels -056, lependence DC 20585, ; room is



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT New Mexico State Office 1474 Rodeo Rd. P.O. Box 27115 Santa Fe, New Mexico 87502-0115



IN REPLY REFER TO: 3160 (921)

NGPA Location: 435 Montano Road NE, Albuquerque, NM 87107-4935

CERTIFIED MAIL NO. P 071 878 823 RETURN RECEIPT REQUESTED July 26, 1993

Marilyn L. Rand, Director Division of Producer Regulation Federal Energy Regulatory Commission 825 North Capitol Street NE Washington, DC 20426

Dear Ms. Rand:

This jurisdictional agency hereby designates the Mesaverde formation underlying the following described lands in the Blanco Mesaverde Area of the Blanco Mesaverde Pool located in San Juan and Rio Arriba Counties, New Mexico, as a tight formation, BLM Docket No. NM-1813-92, under Section 107 of the NGPA:

Township 27 North, Range 7	West, NMPM
Sections 1 through 12:	A11
Section 15:	W 1/2
Sections 16 through 21:	A11
Section 22:	W 1/2
Section 27:	NW 1/4
Section 28:	N 1/2
Sections 29 and 30:	A11

Township 27 North, Range 8 West, NMPM Sections 1 through 36: All

Township 28 North, Range 7 West, NMPM Sections 7 through 36: All (Irregular Township)

Township 28 North, Range 8 West, NMPM Sections 7 through 36: All (Irregular Township)

Township 28 North, Range 9 West, NMPM Sections 7 through 36: All (Irregular Township)

Township 28 North, Range 10 West, NMPM Sections 7 through 36: All (Irregular Township)

Township 29 North, Range 7 West, NMPM Sections 1 through 36: All

Township 29 North, Range 8 West, NMPM Sections 1 through 36: All

- Township 29 North, Range 9 West, NMPM Sections 1 through 36: All
- Township 29 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 29 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 7 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 8 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 9 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 30 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 6 West, NMPM Sections 6 and 7: All Sections 18, 19 and 30: All
- Township 31 North, Range 7 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 8 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 9 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 31 North, Range 11 West, NMPM Sections 1 through 36: All
- Township 32 North, Range 10 West, NMPM Sections 1 through 36: All
- Township 32 North, Range 11 West, NMPM Sections 1 through 36: All

5<u>-</u> 51 The total area encompasses 480,076 acres, more or less, occupying 750 square miles of the north central San Juan Basin located in San Juan and Rio Arriba Counties, New Mexico. The designated area consists of 78.68% Federal, 0.33% Navajo Allotted, 12.08% State and 8.91% Fee Lands.

The applicant is Amoco Production Company, Southern Rockies Business Unit, P. O. Box 800, Denver, Colorado 80201. The application was prepared by Rose Exploration, Inc., 518 17th Street, Suite 740, Denver, Colorado 80202.

Existing Federal and State of New Mexico Regulations administered by the U.S. Bureau of Land Management and the New Mexico Oil Conservation Division relating to drilling, casing, and cementing of wells are in effect to help assure that development of the Mesaverde formation will not adversely affect or impair any fresh water aquifers.

The estimated average <u>in-situ</u> gas permeability, throughout the pay section, is expected to be 0.1 millidarcy or less.

The stabilized production rate, against atmospheric pressure, of wells completed for production in the Mesaverde formation, without stimulation, is not expected to exceed the maximum production rate contained in the FERC tight formation guidelines.

No well drilled into the designated tight formation is expected to produce, without stimulation, more than five barrels of crude oil per day.

The formation has been authorized to be developed by infill drilling. This incentive no longer applies as the purpose of this tight formation area designation is to obtain IRS Section 29 tax credits.

The applicant does not seek to qualify gas produced from the tight formation for the incentive price.

Evidence was presented by the applicant to the BLM and the New Mexico Oil Conservation Division. The exhibits and other documentation are enclosed. The BLM Tight Formation Review and Technical Report is enclosed.

Included with this designation is a letter dated July 26, 1993, from the Chief Hearing Officer/Engineer, New Mexico Oil Conservation Division signifying their concurrence with this designation.

It is requested that this jurisdictional agency be advised in writing when the 45 day review period will end and the appropriate FERC State No. (NM-\_\_) assigned to this tight formation be included.

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Persons objecting to this determination may file a protest directly with the Federal Energy Regulatory Commission, in accordance with 18 CFR Part 275.203 and 275.204, within 20 days after the notice is published in the Federal Register by the FERC.

If you have any questions please contact Allen F. Buckingham at (505) 761-8765 or FAX (505) 761-8911.

Sincerely yours,

for Deputy State Director Lands and Minerals

Enclosures

cc:

Amoco Production Company (J. W. Hawkins) (w/BLM Tech Rept) Rose Exploration, Inc. (Mike Wynne) (w/BLM Tech Rept) New Mexico Oil Conservation Div. (Michael Stogner) (w/BLM Tech Rept) NM-921 (Steve Salzman)

NM-011 (Tom Hewitt/NGPA Liaison)



Yolanda Perez Sr. Regulatory Analyst San Juan Asset Team Exploration-Production USSA



Conoco Inc. 600 N. Dairy Ashford, DU 3084 Houston, TX 77079-6651 (281) 293-1613 fax (281) 293-5090

July 11, 2002

#### VIA CERTIFIED MAIL

New Mexico Oil Conservation Division 1000 Rio Brazos Rd. Aztec, NM 87410

Re: Application for Wellhead Price Ceiling Category Determination, Form C-132 NGPA Section 107 Blanco Mesa Verde Formation Wells: State N #1, San Juan County State Com K #7R, San Juan County San Juan 28-7 Unit #165M, Rio Arriba County

Gentlemen:

Enclosed for your review and approval are the original and one copy of Form C-132 for the referenced wells, along with the required attachments: FERC 121 forms, well logs and additional background information. Also enclosed is Conoco's check in the amount of \$75 to cover the required \$25.00 fee per application.

Please hold the information in these filings confidential to the maximum extent allowed by law.

Please indicate receipt of this filing by signing and dating the attached copy of this letter, and returning it in the enclosed self-addressed, postage-paid envelope.

Very truly yours,

tolanda Verez

Yolanda Perez Sr. Regulatory Analyst

Enclosures

YP:dap

Received by: Signature / Date

ENERGY, MINERALS AND NATURAL RESOURCES DEPT. 						
Official Receipt     Date: 7/17     >> 2001       Received from: RC - Conoco Trc.     Dollar Amount						
DR CR.	AMOUNT NUMBER	CENTER NUMBER	CREDIT AMOUNT	DEPOSIT NUMBER	WORK ORDER NO.	
60	4290					
60	4291					
60	3450					
60	3451					
60	3410					
60	4210					
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NGPA Filing Fees By W						

CAROL J. RAPER CONOCO REG - CK 600 N DAIRY ASHFORD DU 3069 HOUSTON, TX 77079-1100	1054 <u> 17-2/910</u> <u> 17-10</u> <u> 17-10</u>
BALLER DATE NAME NATIONAL CONSEL Pluenty Lue USbank. U.B. Birth National Association D Any ARLE THEOREM U.S. Bank, Mark National Association U.S. Bank Mark National Association Mark National As	4 NO 100 DOLLARS &
State N#1 Late Com K#7R	(nontran