OATE IN 5/24/99 SUSPENSE 6/14/99 ENGINEER DC LOGGED BY W TYPE DHC

ABOVE THIS LINE FOR DIVISION USE ONLY

2356

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

		ADMINISTRATIVE APPLICATION COVERSHEET
	THIS COVERSH	EET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS
Applicatio	PC-	[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] [Instruction of the standard Location] [Instruction of th
., Т	VDF OF AI	PPLICATION - Check Those Which Apply for [A]
[1] 1	[A]	Location - Spacing Unit - Directional Drilling  NSL NSP DD DSD  MAY 2 4 1999
	Check [B]	One Only for [B] and [C] Commingling - Storage - Measurement
		☑ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  WFX PMX SWD IPI EOR PPR
[2] N	 JOTIFICAT	TION REQUIRED TO: - Check Those Which Apply, or $\square$ Does Not Apply
[2]	[A]	Working, Royalty or Overriding Royalty Interest Owners
	[B]	☑ Offset Operators, Leaseholders or Surface Owner
	[C]	☐ Application is One Which Requires Published Legal Notice
	[D]	Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
	[E]	☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
	[F]	☐ Waivers are Attached
[3] I	NFORMAT	TION / DATA SUBMITTED IS COMPLETE - Statement of Understanding
and Reg	gulations of t trative appro	I, or personnel under my supervision, have read and complied with all applicable Rules the Oil Conservation Division. Further, I assert that the attached application for eval is accurate and complete to the best of my knowledge and where applicable, verify RI, ORRI) is common. I understand that any omission of data, information or

	Note: Statement must be completed by an individual	with supervisory capacity.	
Kay Maddox	_ Nay Maddex	Regulatory Agent	5/
rint or Type Name	Signature	Title	Date

DISTRICT I

<u> STRICT II</u>

DISTRICT III

Conoco Inc.

PO Box 1980, Hobbs, NM 88241 1980

811 Southl First St. Artesia NM 88210 2835

1000 Rio Brazos Rd. Aztec, NM 87410 1693

State of New Mexico Energy, Minerals and Natural Rasources Department

# **OIL CONSERVATION DIVISION**

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

APPROVAL PROCESS:

Administrative Hearing

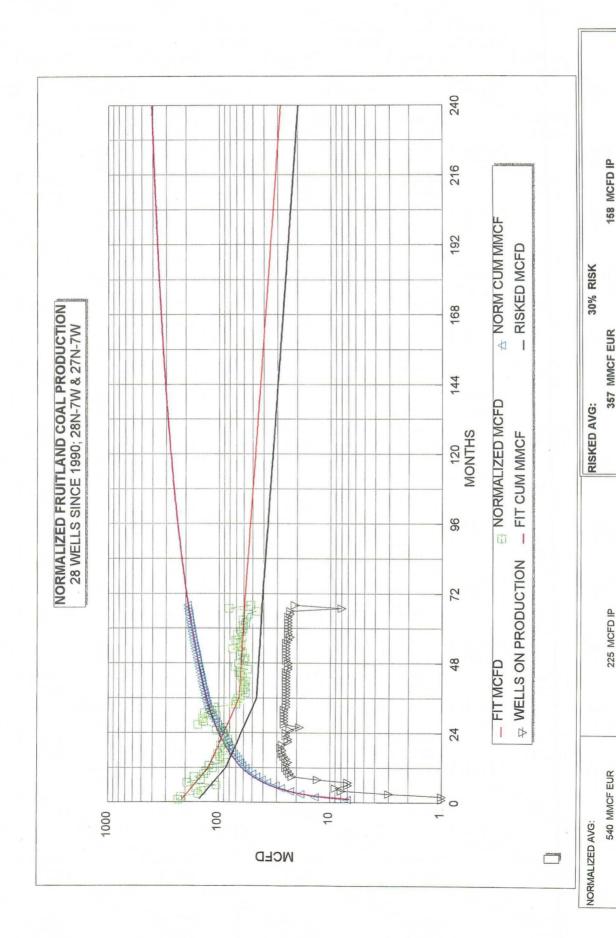
EXISTING WELLBORE

# APPLICATION FOR DOWNHOLE COMMINGLING

10 Desta Dr. Ste 100W, Midland, Tx. 79705-4500

YES NO

Spacing Unit Lease Types: (check 1 or more)		28-7 Unit	#218E	Section 12, T-28-N	, R-7-W,P	Rio Arriba, NM
1. Pool Name and Pool Code  1. Pool Name and Pool Code  1. Pool Name and Pool Code  2. TOP you're Destine of Production (Perforations)  2. TOP you're Destine of Production (Perforations)  3. 212-3612'  3. Top of production (Perforations)  3. 212-3612'  3. Top of production (Perforations)  3. Section (Perforations)  3. Section (Perforations)  3. Section (Perforations)  5. Bottomhole Pressure  3. Code Section (Perforations)  5. Bottomhole Pressure  3. Code Section (Perforations)  5. Bottomhole Pressure  4. Method of Production (Perforations)  5. Bottomhole Pressure  4. Method of Production (Perforations)  5. Bottomhole Pressure  6. Code Code Section (Perforations)  6. Bottomhole Pressure  7. Producing of Shut-lan'  7. Producing or Shut-lan'  8. Expected to be  Code Section (Perforations)  6. Did Carvety (APP) or Code Section (Perforations)  7. Producing or Shut-lan'  8. Producing or Shut-lan'  8. Producing or Shut-lan'  8. Producing or Shut-lan'  8. Producing or Shut-lan'  9. If allocation formula is based upon something of the separation of the supplication of the supplication of the supplication of the supplication of the proposed downhole commingling?  9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with a supporting d	Lease OGRID NO	005073 Property Code				nit Lease Types: (check 1 or more)
Production of Production (Perforations)  3212-3612'  3612-3780'  3600  3	The follow support of	ing facts ate submitted in downhole commingilng:	Upper Zone	intermediate Zone		Lower Zone
Pay Section (Perforations)  3212-3612'  3612-3786'  363  4. Method of Production (Perforations)  4. Method of Production (Perforations)  5. Type of production (Perforations)  4. Method of Production (Perforations)  5. Bettomable of Production (Perforations)  6. Disconserved Afficials I.M.  6. Disconserved Production (Perforations)  6. Disconserved Measured Current (Perforations)  6. Disconserved Measured Current (Perforations)  6. Disconserved Measured Current (Perforations)  7. Production Marginal? (yes or no)  6. Disconserved Measured Current (Perforations)  7. Production Marginal? (yes or no)  8. Expected to be (Perforations)  8. Expected to the (Perforations)  8. Expected to the (Perforations)  8. Expected Production Measured Current (Perforations)  9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.  9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.  9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.  9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.  9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data an						,,,
Color Gase   Gas   Gas   Gas   Gas			3212-3612'	·		3612-3786'
Expected to Flow   Expected to Flow   Expected to Flow   S. Bottomhole Pressure   a (Current)   a	3. Type of pro (Oil o	oduction or Gas)	Gas			Gas
Oil Zones - Artillicial Lift:  432 360  Sol - Flowing: Season	4. Method {Flow	of Production ving or Artificial Lilt}	Expected to Flow			Expected to Flow
6. Oil Gravity ("API) or Gas BT Content  1045  7. Producing or Shut-In?  To Be completed  Production Marginal? (yes or no)  *If Shut-in give date and oil/gas/ water rates of test production  *If Shut-in give date and oil/gas/ water rates of test production  *If Shut-in give date and oil/gas/ water rates of test production  *If Producing, date and oil/gas/ water rates of test production  *If Producing, date and oil/gas/ water rates of test production  *If Producing, date and oil/gas/ water rates of test froat lest  (within 60 days)  *If Producing, date and oil/gas/ water rates of test froat lest  (within 60 days)  *If Producing, date and oil/gas/ water rates of test froat lest  (within 60 days)  *If I continue of test production  *If Producing, date and oil/gas/ water rates of test froat lest  (within 60 days)  *If I continue of test froat lest  (within 60 days)  *If I	Oil Zones	- Artilicial Lift:	432	a.		11
To Be completed   To Be completed   To Be completed   To Be completed	11 /		, -	b.		<b>.</b>
To Be completed  Production Marginal? (yes or no)  If Shut-In give date and oil/gaa/ water rates of last production  Ities Fer new zeroes with no production hilbrory and production by test upon completion  B. Fixed Percentage Allocation  S. Fixed Percentage Allocation by test upon  Completion  Completion  Allocation by test upon  Completion  Parks  Allocation by test upon  Completion  Completion  Completion  Allocation by test upon  Completion  Completion  Completion  Allocation by test upon  Completion  Completi	6. Oil Gra Gas	vity (*API) or BT Content	1045			1189
"If Shut-In give date and oil/gas/ water rates of lists production Note For one you set with a production in Story replicant shad be reculred to shadeh production Note For one you set in the production Note For one you set in the production Note For one you set with a production Note For one you set in the production Note For one you set in the production Note For one you set in the your set in	7. Produci	ng or Shut-In?	To Be completed			To Be completed
Water rates of list production    Rates   Rate	Product	tion Marginal? (yes or no)	Expected to be			Expected to be
Septical shade to required to attach production sections and sections and supporting data.	water ra	ates of lsst production				
8. Fixed Percentage Allocation Formula -% or each zone  oit % oas % oit % oas % oot % oot	appilcant sha estimates an • If Produ water rate:	ad be required to attach production d supporting dara  Cing, date and oil/gas/ s of recent test	Rates 150-250 MCFD Allocation by test upon			Rates 200-300 MCFD Allocation by test upon
submit attachments with supporting data and/or explaining method and providing rate projections or other required data.  10. Are all working, overriding, and royalty interests been notified by certified mail?  If not, have all working, overriding, and royalty interests been notified by certified mail?  Have all offset operators been given written notice of the proposed downhole commingling?  X Yes No No No No (If No, attach explanation)  11. Will cross-flow occur?  X Yes No (If No, attach explanation)  12. Are all produced fluids from all commingled zones compatible with each others  X Yes No No No No (If No, attach explanation)  13. Will the value of production be decreased by commingling?  Yes No N	8. Fixed P Forn	ercentage Allocation nula -% or each zone	oil: Gas		%	•
11. Will cross-flow occur? X Yes No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. X Yes No (If No, attach explanation)  12. Are all produced fluids from all commingled zones compatible with each others X Yes No (If Yes, attach explanation)  13. Will the value of production be decreased by commingling? Yes No (If Yes, attach explanation)  14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. Yes No  15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). NSP 1749 (L)  16. ATTACHMENTS  * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.  * Production curve for each zone for at least one year. (If not available, attach explanation.)  * For zones with no production history, estimated production rates and supporting data.  * Notification list of all offset operators.  * Notification list of working, overriding and royalty interests for uncommon interest cases.  * Any additional statements, data, or documents required to support commingling.  I hereby certify that the infermation above is true and complete to the best of my knowledge and belief.  SIGNATURE  TITLE Regulatory Agent  DATE  TITLE Regulatory Agent  DATE	submi	t attachments with supp	orting data and/or explaining n	nethod and providing	rate proje	ctions or other required data.
13. Will the value of production be decreased by commingling?  Yes X No (If Yes, attach explanation)  14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. X Yes No  15. NMOCD Reference Cases for Rule 303(D) Exceptions:  ORDER NO(S).  YSP 1799 (L)  16. ATTACHMENTS  * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.  * Production curve for each zone for at least one year. (If not available, attach explanation.)  * For zones with no production history, estimated production rates and supporting data.  * Data to support allocation method or formula.  * Notification list of all offset operators.  * Notification list of working, overriding and royalty interests for uncommon interest cases.  * Any additional statements, data, or documents required to support commingling.  I hereby certify that the information above is true and complete to the best of my knowledge and belief.  SIGNATURE  TITLE Regulatory Agent  DATE  DATE  DATE	11. Will cr	oss-flow occur? X Y	es No If yes, are fluids co	mpatible will the form	nations no	t he damaged will any cross
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. X Yes No  15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). NSP 1799 (L)  16. ATTACHMENTS  * C-102 for each zone to be commingled showing its spacing unit and acreage dedication.  * Production curve for each zone for at least one year. (If not available, attach explanation.)  * For zones with no production history, estimated production rates and supporting data.  * Data to support allocation method or formula.  * Notification list of all offset operators.  * Notification list of working, overriding and royalty interests for uncommon interest cases.  * Any additional statements, data, or documents required to support commingling.  I hereby certify that the information above is true and complete to the best of my knowledge and belief.  SIGNATURE  TITLE Regulatory Agent DATE  DATE  5/17/99					<u>X</u> Y	es No
15. NMOCD Reference Cases for Rule 303(D) Exceptions:  ORDER NO(S).  ORD					•	, ,
* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.  * Production curve for each zone for at least one year. (If not available, attach explanation.)  * For zones with no production history, estimated production rates and supporting data.  * Data to support allocation method or formula.  * Notification list of all offset operators.  * Notification list of working, overriding and royalty interests for uncommon interest cases.  * Any additional statements, data, or documents required to support commingling.  I hereby certify that the information above is true and complete to the best of my knowledge and belief.  SIGNATURE  TITLE Regulatory Agent  DATE  DATE	United	a States Bureau of Land	Management has been notified	d in writing of this ap	plication.	X Yes No
* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.  * Production curve for each zone for at least one year. (If not available, attach explanation.)  * For zones with no production history, estimated production rates and supporting data.  * Data to support allocation method or formula.  * Notification list of all offset operators.  * Notification list of working, overriding and royalty interests for uncommon interest cases.  * Any additional statements, data, or documents required to support commingling.  I hereby certify that the information above is true and complete to the best of my knowledge and belief.  SIGNATURE  TITLE Regulatory Agent  DATE  DATE  DATE			Rule 303(D) Exceptions:	ORDER NO(S).	NSP 170	39 (L)
SIGNATURE TITLE Regulatory Agent DATE 5/17/99	16. ATTA	* C-102 for each zone * Production curve fo * For zones with no p * Data to support allo * Notification list of a * Notification list of y	or each zone for at least one year oduction history, estimated procation method or formula.  all offset operators.  working overriding and royalts	ar. (If not available, roduction rates and s	attach exp	lanation.) data.
	l hereby c	1/	1///	_	-	
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45.0% DECLINE, 1ST 12 MONTHS 27.0% DECLINE, NEXT 24 MONTHS

354 MMCF IN 33 YRS

**5.0% FINAL DECLINE** 

0.0000 bbl/mcf oil yield

10 MCFD E.L.

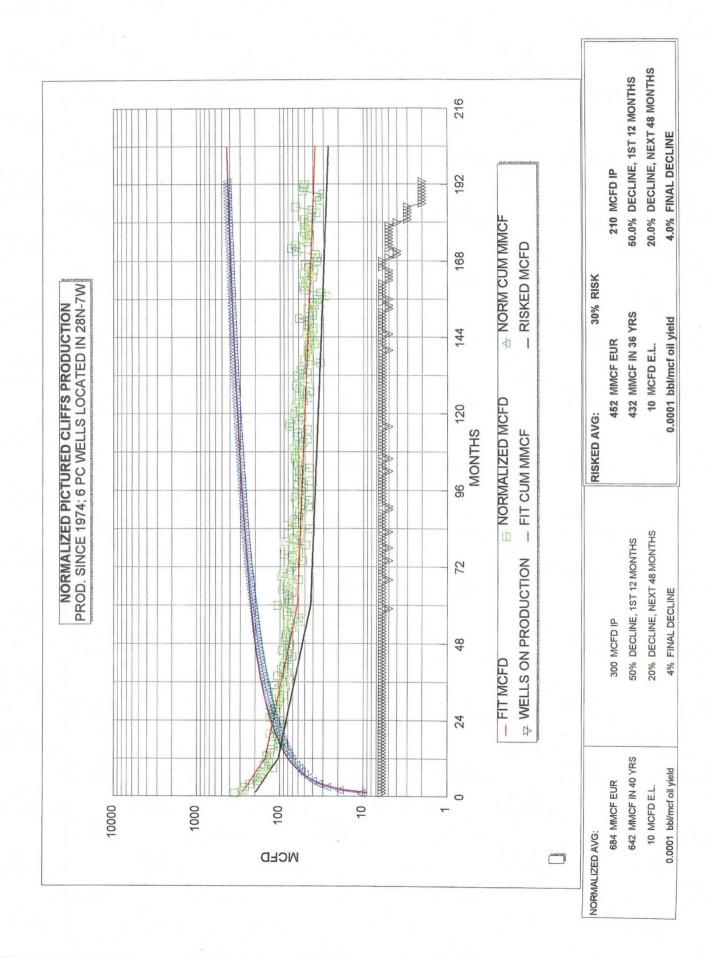
45.0% DECLINE, 1ST 12 MONTHS 27.0% DECLINE, NEXT 24 MONTHS

539 MMCF IN 40 YRS

5.0% FINAL DECLINE

0.0000 bbl/mcf oil yield

10 MCFD E.L.



OIL CONSERVATION DIVISION 2040 South Pacheco Street Santa Fe, New Mexico 87505 (505) 827-7131

February 8, 1999

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

Attention: Kay Maddox

Administrative Order NSP-1799(L)

Dear Ms. Maddox:

Reference is made to the following: (i) your application dated January 11, 1999; and (ii) to the records of the New Mexico Oil Conservation Division in Santa Fe ("Division"): concerning Conoco, Inc.'s request for a non-standard 321.22-acre gas spacing and proration unit consisting of the following acreage in the Basin-Fruitland Coal (Gas) Pool:

#### RIO ARRIBA COUNTY, NEW MEXICO TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Irregular Section 11:

Lot 1

Irregular Section 12:

All.

It is our understanding that this unit is to be dedicated to Conoco, Inc.'s proposed San Juan "28-7" Unit Well No. 218-E (API No. 30-039-26065), to be drilled at an off-pattern unorthodox coal gas well location 1030 feet from the South line and 1025 feet from the East line (Unit P) of Section 12.

The above-described acreage conforms to an existing non-standard gas spacing and proration unit in the Basin-Dakota Pool approved under the authority of Division Order No. R-2948, issued in Case No. 3272 dated August 16, 1965.

By the authority granted me under the provisions of Rules 6 and 8 of the "Special Rules and Regulations for the Basin-Fruitland Coal (Gas) Pool", as promulgated by Division Order No. R-8768, as amended, the above-described unorthodox coal gas well location and non-standard gas spacing and proration unit are hereby approved.

Sincerely,

Lori Wrotenbery

Director

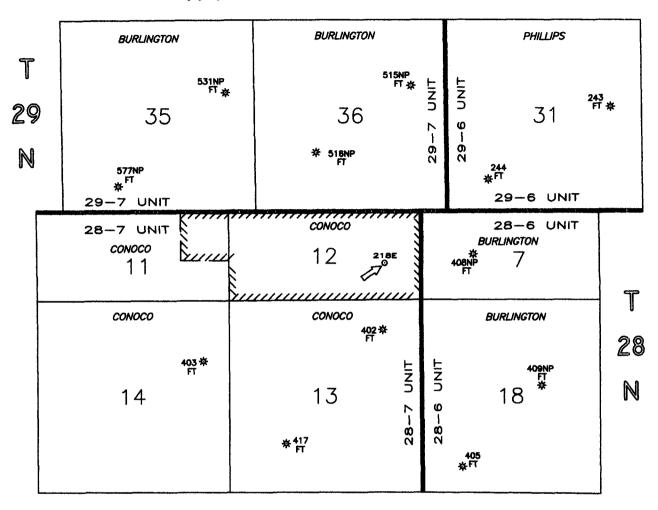
LW/MES/kv

cc: New Mexico Oil Conservation Division - Aztec

U. S. Bureau of Land Management - Farmington

**R7W** 

R6W



## SAN JUAN 28-7 UNIT RIO ARRIBA CO., NM

NOTES		CONOCO MIDLAND					
Conoco operates all wells in the 28-7 Unit. Conoco is requesting approval for an UNORTHODOX FRUITLAND COAL location in order to access coal reserves in the 218E wellbore (Proposed for 1999). Conoco plans to set 7' casing thru the Lewis and run 4 1/2" production casing to accommodate 2 large tubing strings. One string for a PCCF/FRLD	DATE: 1/13/99	CONOCO 28-7 UNIT FRUITLAND COAL PRODUCERS					
	DRAWN BY: GLG						
	CHECKED BY:	San Juan 28-7 Unit # 218E Unorthodox Coal Location					
	APPROVED BY:	API STATE COUNTY WELL	DRAWING				
DHC (to be filed), and one string for the DKOT.	SCALE: 1" = 2640'	30 \ 039 \	28-7_218				
DKOT will be dually completed (to be filed) with the PCCF/FRLD.	STATE PLANE COORDINATES REFERRED TO NAD27 — N.M. WEST STATE PLANE COORDINATES ZONE — 3003	CONOCO INC. OFFICE 10 DESTA DRIVE WEST MIDLAND, TEXAS 79705					

District ! PO Box 1980, Hobbs. NM 88241-1980 State of New Mexico Energy, Minerals & Natural Resources Department

District 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 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

Certificate Number

\_\_ AMENDED REPORT

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			,006	3 Pool Nam	e			
		72439		В	lanco Pictured	Cliffs Sou	ith	
	<u>_</u> .		5 Proper	y Name			6 We	ll Number
			San Juan 28				218 E	
			•			9 E	evation	
Cond	oco Inc.,	10 Desta	Drive, Ste. 10	00W, Midland, T	X 79705-4500			6817'
			10 Surface	Location				
Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	st line	County
28N	7W		1030'	South	1025'	Eas	st	Rio Arriba
	11 Bo	ttom Ho	le Location	f Different Fr	om Surface			
Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Wes	st line	County
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ont or Infil   14	Consolidati	on Code 15	Order No.					
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	Township 28N  Township  Township  Township  Township  Township  Township	Township Range  28N 7W  11 Bo  Township Range  Oint or Infil 14 Consolidat  Y  E WILL BE ASSIGN  OR A NON-ST	Township Range Lot Idn  28N 7W  11 Bottom Ho  1 Township Range Lot Idn  28N 19 Lot Idn  28N 7W  11 Bottom Ho  28N 19 Lot Idn  28N 19 Lot Idn  28N 29 Lot Idn  29 Lot Idn  29 Lot Idn  20N 29 L	Conoco Inc., 10 Desta Drive, Ste. 10  10 Surface  1 Township Range Lot Idn Feet from the  28N 7W 1030'  11 Bottom Hole Location In Township Range Lot Idn Feet from the  2 Step 10 Surface  1 Township Range Lot Idn Feet from the  2 Step 10 Surface  1 Township Range Lot Idn Feet from the  2 Step 10 Surface  10 Surface	Township Range Lot Idn Feet from the North/South line  28N 7W 1030' South  11 Bottom Hole Location If Different From the North/South line  11 Township Range Lot Idn Feet from the North/South line  12	Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500  10 Surface Location  1 Township Range Lot Idn Feet from the North/South line Feet from the 1030' South 1025'  11 Bottom Hole Location If Different From Surface North/South line Feet from the North/South line Feet fr	Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500  10 Surface Location  1 Township Range Lot Idn Feet from the North/South line Feet from the East/Wei  28N 7W 1030' South 1025' Ea  11 Bottom Hole Location If Different From Surface  10 Township Range Lot Idn Feet from the North/South line Feet from the East/Wei  11 Bottom Hole Location If Different From Surface  12	Conoco Inc., 10 Desta Drive, Ste. 100W, Midland, TX 79705-4500  10 Surface Location  1 Township Range Lot Idn Feet from the 1030' South 1025' East  11 Bottom Hole Location If Different From Surface  1 Township Range Lot Idn Feet from the North/South line Feet from the East/West line  28N 7W Indian Feet from the North/South line Feet from the East/West line  10 Township Range Lot Idn Feet from the North/South line Feet from the East/West line  11 A Consolidation Code 15 Order No.  Y U Non-Standard Spacing Order No. R-2948  E WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN COMPLETION UNTI

Quetrict | PQ Sox 1980, Mesos, NA 66241-1980

Quetrict [] PO Oraser DO. Artesia, No. 88211-0719

District III' 1000 Rio Brezos Rd., Aztec. NM 87410

Oistrict IV PO Box 2088, Santa Fe, NM 87504-2088 State of New Mexico Germanic America Coordinate

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

Revised February 21, 1664 Instructions on back Submit to Appropriate District Office State Lesse - 4 Copies Fee Lesse - 3 Copies

AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

'Al	Pool Code			'Pool Name									
			7162	9/7 <del>243</del> 9		Basi	n Fruitl	and	Coal	/B <del>lanco</del>	PC Se	<b>ret</b> h	
*Property	Code	<del></del>	<del></del>	<del> </del>	*Pr	operty							11 Number
016608				S	AN JU	AN 2	8-7 UN	[T				a	218E
OGAIO No.			Operator Name									*E:	levation
005073					CON	oco.	INC.						5817
				1			Location				•		
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UL or lot no.	Section	Township	Range	Lot Ion	Feat fro	- 50	North/Sout	n line	Feet	from the	East/W	est line	County
S Dedicated Acres	<u> </u>	<sup>15</sup> Joint or Infil	1 IM Com	iolidation Code	(a) Order	Mo.			<u> </u>		L		L
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Olstrict | PO Son 1980, Motos, MM 86241-1980

District II PO Grewer DO, Artesia, Nel 88211-0719

District III 1000 Alo Brazos Ad., Aztec, NM 87410

Oistrict IV PO Box 2088, Santa Fe, NM 87504-2088 State of New Mexico Energy, Minerale & Netural Resources Occurtment

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

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

'A	PI Number			Pool Code			Pool Name	?		
			7:	1599		Basin Dakota				
*Property	Code				We	Well Number				
016608				SA	N JUAN 2	8-7 UNIT		1 :	218E	
'OGRIO N	lo.				*Operator	Name		•E	levation	
005073	l				CONOCO.	INC.			6817 ·	
				10	Surface	Location				
UL or lot no.	Section	Township	Runge	Lot for	Feet from the	North/South line	Feet from the	East/West line	County	
Р	12	28N	7W		1030	South	East	RIO ARRIBA		
			ottom	Hole L	ocation I		From Surf	ace		
UL or lot no.	Section	Tourship	Range	Lat Ion	Feet from the	North/South line	Feet from the	East/Nest line	County	
<sup>18</sup> Codicated Acres		S Joint or Inf	111 M Cone	iolidation Code	<sup>35</sup> Order No.	<u></u>	<u>L</u>	L	<u> </u>	
321.22		Y	- }	U Non-standard Spacing Order No. R-2948						
NO ALLOW	IABLE W					ON UNTIL ALL			NSOLIDATED	
15				·				ATOR CERT		
							I hereby cer	tify that the information plate to the best of my	n contained herein is knowledge and belief	

VELL NAM SJ 28-7 UNIT No. 218E

DATE PREPARED: -

Ricky Joyee/Ted Kelly DRILLING ENGINEER

EST. GL =

6817

EST. KB =

6832

		III NO. 216E		•					EST. KB =	683
		R-7W, RIO ARRIBA CO.		<del>,</del>				5051115151	,	
	FORMATION		TYPE OF		CASING			FORMATION	MUD	
	TOPS &		FORMATION	HOLE				PRESSURE	]	
000 MD	TYPE	PROBLEMS	EVALUATION	SIZE	SIZE	DEPTH	psi/ft	PSI	WT TYPE	DAY
0	-			40.440	9-5/8" 32.3# H-40 STC	@ 250°	{	NOOMA	AIR/AIR MIST/AERATED FLUID	
				12-1/4"				NORMAL		<u> </u>
				8-3/4"					AIR/AIR MIST/AERATED FLUID	!
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	0144 6 2715	POSSIBLE WATERFLOW	}	İ	}		1	1	<b>.</b>	1
<b>├</b>	OJAM @ 2716' KRLD @ 2864'	TOOGISEE WATER	1	1	1		1		1	1
3	1	L	1		l		Į.		1	1
	FRLD @ 3212	POSSIBLE GAS FLOW					1	432 PSI	İ	l
<u> </u>		POSSIBLE LOST RETURNS		1			1	ł		1
	1		ļ	ļ			ļ			1
	PCCF @ 3612	POSSIBLE DIFFERENTIAL STICKING			CIRCULATE CEMENT	T TO SURFACE	i	360 PSI	i	
	LEWS @ 3786		1	8-3/4"			1	1	1	1
4	L			<u> </u>	7" 20# J-55 STC @ 4	136		<u> </u>	L	1 4
				6-1/4"						T
	1	1			1		}	1	1	1
	CHRA @ 4571'	1		1	1		1	400 PSI		1
							1			ł
		}	İ	1	1		1	İ	ł	1 .
5	1		Į	1			1			1
	CLFH/MV @ 5257' MENF @ 5447'	PROBABLE LOST RETURNS					0.5	457 PSI	ł	1
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<u> </u>	PTLK @ 5797		1				Í	1		1
	3	PROBABLE LOST RETURNS	\$ <b>}</b>	1			}	ſ	1	1
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<b>├</b>	MNCS @ 6287		1				Í		1	1
	1	PROBABLE LOST RETURNS	\$ <b> </b>	1	1		1	1	1	1
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7	GLLP @ 7017	PROBABLE LOST RETURNS	S	1	ļ		į .	Į.	1	1
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L_	-	DOGGIDI E WATEREI CAN	1	[	l		1	1	· I	l
<u> </u>	GRRS DKOT @ 781	POSSIBLE WATERFLOW 2 POSSIBLE OVERPRESSURI IN DEEP DAKOTA	<b>d</b>	ı	LINER:		0.5	713 PSI		-
	PAGU @ 7962	IN DEEP DAKOTA	CASED HOLE LOGS	6-1/4°	4-1/2" 9.56 JAK-55 ST	LC 3839 8088.			AIR/AIR MIST/AERATED FLUI	q
8	1				L			8HT ≈ 175 deg F		1
<u> </u>	1.D. @ 5099				CEMENT TO TOPO	F LINEK @ 383	°			T
	NOTE: 6379	1		}	1		1	}	i	1
	(8399			<del></del> _						
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ATE	11/24/9	1 199 P 199 V 1943	;	<del></del>			ال ال	10/9K ""'		
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Page 1

DRILLING MGR.

RES. ENGINEER

PROD. ENGINEER

San Juan 28-7 Unit Well # 218E Section 12, T-28-N, R-7-W 1030 FSL & 1025' FEL Rio Arriba County, NM

RE: Application C – 107A to Downhole Commingle the Basin Fruitland Coal (71629) with the Blanco Pictured Cliffs South (72439),

### **Notification of Offset Operators:**

Burlington Resources PO Box 4289 Farmington, NM 87499

Phillips Petroleum 4001 Penbrook RM 400A Odessa, TX 79762

The referenced application has been sent to the above listed parties.

The following Working Interest, Overide and Royalty interest owners were notified by certified mail of this C-107A application on the 20th of May, 1999

George E Thompson II
PO Box 174
Round Top, TX 78954-0174

Pamela Gray Baldwin Chase Bank of Texas Agent & Attorney In Fact Trust Minerals Section 1049334 PO Box 200336 Houston, TX 77216-0336 Margeret A Kearns Trust
James B Draper Trustee
F/B/O James B Draper
Apt #8D
77 S Birch Rd
Fort Lauderdale, FL 33316-1556

Sandra T Currie 12603 Radenz Houston, TX 77066-3418 John E Creps Jr & Virginia Creps Co Trustees Creps Family Trust DTD 12-05-91 Apt D303 1001 Carpenters Way Lakeland, Fl 33809-3931

Fred Eldon Spencer 10717 Crystal Creek Dr. Mustang, OK 73064-9382

P Louis Tucker Jr PO Box 2822 Houston, TX 77252-2822 Gloria M Kubik RR 2 Box 111 Medford, OK 73759-9508 Stella Madge Greear 14209 Valley Forge Ln Edmond, OK 73013-6412

Martha M Tucker #803 21 Briar Hollow Houston, TX 77027-2808 Douglas E Atwill 602 Canyon RD Sante Fe NM 87501-2722 Mitzi H Easley 3900 Dominion Cove Austin, TX 78759-7300

Rebecca Ann Reese Ward #5011 280 W Renner Richardson, TX 75080-1362 Richard A Jennings Trustee PO Box 3759 Midland, TX 79702-3759 Davant Family Trust C U/A Dated 11-19-1986 NationsBank of TX NA Trust Acct No. 30011053442647

James H Atwill PO Box 1810 Port Aransas, TX 78373-1810

James R Leeton Jr. PO Box 10561 Midland, TX 79702-7561 Gladys Watford Truste Gladys Watford Trustee Apt 216 5455 La Sierra Dr Dallas, TX 75231-4145

Robert Beamon Account First National Bank of Bellville PO Box 128 Bellville, TX 77418-0128

Betsy Hendersen Bryant 2201 Brookhollow Dr Abilene, TX 79605-5507 David Elbert Reese 2203 N Belmont Richmond, TX 77469-5501

Harriet M Buchenau Living Trust Harriet M Buchenau Trustee PO Box 86785 Plano, TX 75086-7585 The Nordan Trust Louis Belinsky Trustees STE 500 112 Pecan San Antonio, TX 78205-1516

Susan Hendersen Ritter PO Box 162606 Austin, TX 78716-2606

Barbara Reese Dinges 6510 Shadow Crest St Houston, TX 77074-6818 Linda Lundell Lindsey PO Box 631565 Nacogdoches, TX 75963-1565

Nancy J Spencer 726 N Tanglewood Dr Sutherlin, OR 97479-9015

Lorene Raybourn Smith Tr Claud W Raybourn & Jesse S Raybourn Co-Trustees 207 Wilshire Ln Newark, DE 19711-2757

Edward R Atwill PO Box 1551 Tubac, AZ 85646-1551 Harry D Porter Trust Nations Bank of Texas Trustee # 15-020-6401500 C/O Trust Oil & Gas PO Box 840738 Dallas, TX 75284-0738 Carofee Simmons Smith 5717 Jacqueline Rd Fort Worth,TX 76112-3952

Mary Jean Simmons Banks 2104 Winter Sunday Way Arlington, TX 76012-4941

W R Archer U/W/O Eleanor M Archer Trustee 3615 Piping Rock LN Houston, TX 77027-4116

Florance Limited Company C/O Northern Trust Bank of Texas PO Box 226270 Dallas, TX 75222-6270

> Neal S Waterfall 14438 NE 16<sup>th</sup> PL Bellevue WA 98007-3904

Elizabeth Turner Calloway 4801 St Johns Dr Dallas, TX 75205-3143

Edward Winterer & Jacqueline M Winterer Revocable Trust #1 DTD 12-4-91 289 Oceanview Ave Del Mar CA 92014-3321

> L J & R R Money 1990 Trust Dated 10-9-90 Lloyd J & Ruth Money Trust 904 21<sup>st</sup> Street Hermosa Beach, CA 90254-3105

Jeremy S Davis 7539 Brompton ST Houston, TX 77025-2267

Catherine Gray Remenick Chase Bank of Texas Agent & Attorney in Fact Trust Minerals Section 1049335 PO Box 200336 Houston, TX 77216-0336 Helen Louise Simmons 2429 Wabash Ave Fort Worth, TX 76109-1018

Thelma Ford Simmons
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Elizabeth Goodwin Reese 7800 Nairn Houston, TX 77074-5321

Waters S Davis III Chase Bank of Texas #1049308 PO Box 200336 Houston, TX 77216-0336

Mary Anne Howard & Robert Howard Joint Tenants 438 Fox Briar SugarLand TX 77478-3717

> James Wendell West PO Box 492382 Los Angeles CA 90049-8382

L Doris Williams Estate William P Traylor & John G Heard Co-Indpt Executors PO Box 8306 Houston, TX 77288-8306

Claudia Lundell Gilmer 30 Golden Pl The Woodlands, TX 77381-4334

David H Gray
Chase Bank of Texas
Agent & Attorney In Fact
Trust Minerals Section 1049309
PO Box 200336
Houston, TX 77316-0336

Winterwider Family Rev Trust Roy Fulwider & Joan Winterer Trustees 600 N 6<sup>th</sup> ST Santa Paula, CA 93060-1605 June Simmons Lively 3529 Bellaire Dr. N Fort Worth, TX 76109-2110

Burlington Resources Attn: Linda Dean 3535 East 30h Street Farmington, NM 87499-4289

W L Jennings San Juan Royalty JV – 90 Billy G Edwards PO Box 117 Abilene, TX 79604-0117

Sally Ann Mahafey PO Box 171051 San Antonio TX 78217-8051

Betty R Hicks #247 18070 Langlois Rd Desert Hot Springs Ca 92241-8332

> Ashley Bracken PO Box 7550 Tyler, TX 75711-7550

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> W D Kennedy STE 1225 550 W Texas Midland, TX 79701-4257

> > E Hunter Stone II Trust E Hunter Stone Trustee PO Box 61419 Denver, CO 80206-8419

Margaret A Kearns Trust U/A F/B/O Helene D Gorman Helene D Gorman Trustee 1440 Osprey Ave Naples FL 34102-3464 Wesley West Minerals LTD

C/O Frost Natl BK

Lock Box Dept

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Joanne Thompson Rugeley 3813 Tolmas Matairie, LA 70002-1846 Robert Walter Lundell 2450 Fondren #304 Houston, TX 77063-2316

M Robert Thompson Revocable Trust
M Robert Thompson & Jeanne L Thompson
Trustees
316 Dahlia St
Denver. CO 80220-5714

John L Gray
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David Henderson 2691 Capella Way Thousand Oaks, CA 91362-4954

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Storey Lincoln Partnership 21011 Marine View Dr SW Seattle, WA 98166-4245 Sarah S Mims Trust William L Madison & Sarah S Mims Co-Trust PO Box 111846 Carrollton, TX 75011-1846 Grover Bros Ltd Partnership San Juan Royalty JV-90 PO Box 3666 Midland, TX 79702-3666

Pearl Neugent Nordan Est Marian Nordan Harwell Foreign Pers Rep STE 500 112 E Pecan San Antonío, TX 78205-1516

Jane M Thompson Trust Unit One 653 Canyon Rd Sante Fe, NM 87501-2762 Grover Family L P San Juan Royalty JV-90 PO Box 3666 Midland, TX 79702-3666

Bradford Tucker #3 301 Sage Rd Houston, TX 77056-1421