

Southern

Rockies

Business

Unit

March 28, 1996

Mr. William J. LeMay, Director New Mexico Oil Conservation Division 2040 S. Pacheco Street P. O. Box 6429 Santa Fe, NM 87505

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OIL CON. Dec

Application for Exception to Rule 303-C
Downhole Commingling
Jicarilla Contract #148-25 Well
Unit A Section 15-T25N-R5W
Otero Chagra (Pool IDN 82329) and South

Otero Chacra (Pool IDN 82329) and South Blanco Pictured Cliffs (Pool IDN 72439) Pools Rio Arriba, New Mexico

Enclosed please find an administrative application form (C-107-A) and attachments for downhole commingling for the captioned well.

Should you have questions concerning this matter, please contact me at (303) 830-5344.

Sincerely.

Pamela W. Staley

Enclosures

cc:

Steve Smethie Patty Haefele Wellfile

Proration file

Frank Chavez, Supervisor NMOCD District III 1000 Rio Brazos Road Aztec, NM 87410 Robert Kent

Bureau of Land Management

435 Montano NE

Albuquerque, NM 87107

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107-A New 3-12-96

OIL CONSERVATION DIVISION

DISTRICT II B11 South First St., Arlesia , NM 88210-2835

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

X Administrative __ Hearing

DISTRICT III

1000 Rio Brazos Rd. Aztec, NV 87410-1693

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE X YES __ NO

Amoco Production Company									
Jicarilla Contract #148	carilla Contract #148 25 Unit A Section 15-T25N-R5W Rio Arriba								
Lease	Well No.	Unit Ltr Sec Twp - Rge Spa	County cing Unit Lease Types: (check 1 or more)						
OGRID NO. 000778 Property Code	000740 API NO. 300392								
		Intermediate	Lower						
The following facts are submitted in support of downhole commingling:	Upper Zone	intermediate Zone	Zone						
Pool Name and Pool Code	SOUTH BLANCO PICTURED CLIFFS 72439		OTERO CHACRA 82329						
Top and Bottom of Pay Section (Perforations)	3234' - 3302'		4116' - 4140'						
Type of production (Oil or Gas)	GAS		GAS						
Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING						
Bottomhole Press re Oil Zones - Artificial Lift: Estimated Current	(Current) 509 PSI	ā.	a. 464 PSI						
Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Original) 1137 PSI b.	b.	b. 1022 PSI						
6. Oil Gravity (° API) or Gas BTU Conter t	1246 BTU / 48.5 DEG API	1191 BTU / 47.4 DEG API							
7. Producing or Shut-In?	PRODUCING	DOD (See See See See See See See See See Se	PRODUCING						
Production Marginal? (yes or no)	YES	DIGIT S	YES						
If Shut-In, give da:a and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.	Date: Rates:	Date Rates:	Date Rates:						
If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 50 MCFD Rates: 0 BCPD 0.25 BWPD	Date: Rates:	Date: 34 MCFD Rates: 0.01 BCPD 0.27 BWPD						
Fixed Percentage Allocation Formula -% for each zone	Oil: 0 %: Gas 60 %	Oil: Gas %: %	Oil: 100 %: Gas 40 %						
 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. 10. Are all working, overriding, and royalty interests identical in all commingled zones? If not, have all vvorking, 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 Have all offset operators been given written notice of the proposed downhole commingling? X_Yes No 									
	en written notice of the proposed downl		_X_YesNo						
11. Will cross-flow occur? Yes _X_ 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 reliableYes No (If No, attach explanation)									
12. Are all produced fluids from all con	mmingled zones compatible with each	other? _X_YesNo							
13. Will the value of production be dec	creased by commingling? Yes _	X_No (If Yes, attach explana	tion)						
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the Untied States Bureau of Land Management has been notified in writing of this applicationX_Yes No _JICARILLA CONTRACT #148									
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S).									
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 LEMYS A	Atolicy	TITLE REGULATORY AFFAIRS F	REP DATE 3/25/96						
TYPE OR PRINT NAME PAMELA	W. STALEY D	TELEPHONE NO. (_ 303	3) _830-5344						

BTATE OF NEW MEXICO TERGY AND MINERALS DEPARTMENT JANTA FE, NEW MEXICO 8750

. P. O. BOX 208B

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Operator				Lease				Well No.
AMOGO PRODUCTION COMPANY			JICARILLA CONTRACT 1		<u>. ව</u>	25		
Unit Latter	Section 3.2	Township	•	Ronge		County	A 23	
A Actual Footage Lore	15	25N			54	1 1(10	Arriba	
1120	feet from the No:	rth	line and	112	0	ot from the	East	lino
Ground Level Elev:	Producing For		בווס פוונו	Pool		or non the		Dedicated Acreage:
7002	Chacra/F	ictured	Cliffs	Otero (Chacra/ Sou	uth_Blanc	o P.C.	160 Acres
·	e ncreage dedica	ted to the						he plat below
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forced-poo	ling, or otherwise	or until a	. non-stander	rd unit, c	liminating st	och interest	is, has bee	n approved by the Commis-
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Engr: zhab0b

LIST OF OFFSET OPERATOR ADDRESSES

Merit Energy Corporation P.O. Box 351 Midland, TX 79702