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	[B]	Offset (Operators, L	easeholders	or Surfac	e Owner		
	[C]	C Applica	ation is One	Which Req	uires Publi	ished Legal	Notice	
	[D]	Notifica	ation and/or Bureau of Land Ma	Concurrent	Approval missioner of Pub	by BLM or Nic Lands, State L	SLO and Office	
	[E]						lion is Attach	ed, and/or,

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken. 2 V

Note: Statement invest be completed by an individual with supervisory cap	
Signature	- <u>10</u>

ION

199



June 16, 1999

Ms. Lori Wrotenberry New Mexico Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

RE: Administrative Approval to Downhole Commingle Energen Resources Corporation Jicarilla West #7
990' FSL, 940' FWL, Sec. 8, T26N, R5W, N.M.P.M. Rio Arriba County, New Mexico

Dear Ms. Wrotenberry:

Energen Resources Corporation requests to downhole commingling the Blanco Mesaverde and Basin Dakota pools in the subject well. The Dakota zone was temporarily abandoned in 1995 and the well is producing as a single Mesaverde. Since the packer must be milled out to return the Dakota zone to production, it is felt the most economical way to produce the well is by downhole commingling the two Zones. In addition, the Mesaverde flowstream will assist in keeping the Dakota unloaded and producing.

To comply with New Mexico Oil Conservation Rules, Energen Resources Corporation is submitting the following data for your approval of the proposed commingling:

- 1. For C107A Application for Downhole Commingling
- 2. C-102 Location plat showing each spacing unit and dedicated acreage
- 3. Production curves for both the Mesa Verde and Dakota
- 4. Offset operator plat
- 5. Well location plat.

In accordance to New Mexico Oil Conservation Division Rule 303C, all offset operators are being notified of this application by certified mail. As an offset operator, if you have no objection to this application, you do not have to respond to this notification.

If additional information is needed, please contact me.

Sincerely,

Gary W. Brink Production Superintendent

GWB/mt

cc: NMOCD - Aztec, BLM-Albuquerque, Offset Operators F:MONICA/PRODUCTI/OCD/JIC96-1 3-99.DOC

DISTRICT	ļ

5

P.O. Box 1980, Hobbs, NM 88241-1980 <u>DISTRICT II</u> 811 S. First St., Artesia, NM 88210-2835 DISTRICT III

1000 Rio Brazos Rd, Aztec, NM 87410-1693

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State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

2040 S. Pacheco Santa Fe, New Mexico 875054-6429

APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107-A New 3-12-96 APPROVAL PROCESS:

X_Administrative ____Hearing

EXISTING WELLBORE

X_YES ___NO

ENERGEN RESOURCES CORPORATION

2198 Bloomfield Highway, NM 87401

Operator	1	Address		Ingiway	<u>, Mri 074</u>	01
Jicarilla West	7	M	Sec. 8	T26N	R5W	Rio Arriba, NM
Lease	Well No.	Unit L.tr S	ec - Twp - Rge		Spacing	County Unit Lease Types: (check 1 or more)
OGRID NO. 162928 Property Coo	le 21958 AF	PINO. <u>30-0</u>	39-06564			(_, State, (and/or) Fee
The following facts are submitted in support of downhole commingling.	Upper Zone			Intermediate Zone		Lower Zon o
1. Pool Name and Pool Code	Blanco MV 72319					Basin DK 71599
2. Top and Bottom of Pay Section (Perforations)	4944 - 5494	ļ				7441 - 7670
3. Type of production (Oil or Gas)	Gas					Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing					Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing:	a. ^(Current) 719 Calc		a.			a. 917 Calc
All Gas Zones: Estimated Or Measured Original	_{b.} ^(Original) 1341 Calc		b.			^{ь.} 2872 Calc
6. Oil Gravity (⁰ API) or Gas BTU Content)	1212 BTU					1159 BTU
7. Producing or Shut-In?	Producing					Shut In
Production Marginal? (yes or no)	No					Yes
* If Shut-In, give date 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: 10/94 Rates: 1/21/0
 If Producing, give date and oil/gas/ water rates of recent test (within 60 days) 	Date: 6/7/99 Rates: 1/126/.2		Date: Rates:			Date: Rates:
8. Fixed Percentage Allocation Formula -% for each zone	Oil: Gas: 50 %	86 [%]	Oil:	Gas: %	%	Oil: Gas: 50 [%] Gas: 14 [%]
9. If allocation formula is based submit attachments with supp	upon something other orting data and/or e	than curr xplaining r	ent or past method and	t productic providing	n, or is b rate proje	ased upon some other method, ections or other required data.
10. Are all working, overriding, and ro If not, have all working, overriding Have all offset operators been give	yalty interests identica , and royalty interests I ven written notice of th	l in all com been notific e proposed	mingled zon ed by certifie d downhole o	es? ed mail? comminglin	g?	<u>X</u> Yes No Yes No X Yes No
11. Will cross-flow occur? flowed production be recovered,	Yes <u>X</u> No If yes, and will the allocation	are fluids formula be	compatible, e reliable.	will the f	ormations i Yes	not be damaged, will any cross- No (If No, attach explanation)
12. Are all produced fluids from all co	ommingled zones comp	atible with	each other?	,	<u>X</u>	res No
13. Will the value of production be de	creased by comminglin	g?	Ye	s <u>X</u> No	(If Yes	s, attach explanation)
14. If this well in on, or communitized United States Bureau of Land Ma	l with, state or federal nagement has been not	lands, eithe tified in wri	er the Comm ting of this a	issioner of application.	Public Lan	ds or the No
15. NMOCD Reference Cases for Rul	e 303(D) Exceptions:	ORE)ER NO(S)			
16. ATTACHMENTS: * C-102 for each zone * Production curve for e * For zones with no prof * Data to support alloca * Notification list of all o * Notification list of wor * Any additional statement	ach zone for at least or duction history, estimat tion method or formula.	ne year. (If ed product	i not availabi ion rates an	le, attach e d supportir	xplanation. g data.)
I hereby certify that the information a				_		lula
SIGNATURE AM	Dun 1		TITLE Pro	<u>d. Super</u>	<u>intendent</u>	DATE <u>6 16 99</u>
TYPE OR PRINT NAME Gary W. B	rink			TELEPHO	ONE NO. (505) 325-6800

TELEPHONE NO. (505) 325-6800

District I PO Box 1980, Hobbs, NM 88241-1980 District II 811 S. 1st Street, Artesia, NM 88210-2834 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

• •

OIL CONSERVATION DIVISION 2040 South Pacheco Santa Fe, NM 87505

Form C-102 Revised October 18, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

X AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ A	PI Number			² Pool	Code			³ Pool Name			
30-	039-065	64		72 <u>319</u> /	/71599			<u>Blanco MV/Ba</u>	sin DK		
⁴ Property C	Code				5	Property Nar	ne			6 1	Well Number
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7 OGRID N	No.				8	Operator Nar	ne			9	Elevation
16292	.8		<u></u>	E	NERGEN R	ESOURCES	CORPORATION			L	6680'
					¹⁰ Sur	face Locati	on				
UL or lot no.	Section	Township	Range	Lot. Id	n Feet	from the	North/South Line	Feet from the	East/W	'est line	County
M	8	26N	5W			990'	South	940'	We	st	Rio Arriba
			¹¹ Bo	ttom H	ole Locati	on If Diffe	rent From Surfac	e			
UL or lot no.	Section	Township	Range	Lot. Id	In Feet	from the	North/South Line	Feet from the	East/W	est line	County
¹² Dedicated Acres 320/320	¹³ Joint	or Infill	Consolidation	Code	¹⁵ Order No).		L			
	ABLE W						INTIL ALL INT APPROVED BY			N CON	SOLIDATED
							<u> </u>	¹⁷ OPERA I hereby certify th	FOR C hat the ii	nformation	ICATION n contained herein is
								Signature Printed Name Gary W. Br Title Produciton Date 6/10 18 SURVE	ink Super 199 YOR (-inten CERTII	
940 ^{^_}	₽0 <i>kb</i>							was plotted from	field not supervision est of my b of Profe f Ori Echo	tes of action, and elief. B ssional Su .gina]	tual surveys made by that the same is true that the same is true

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) County: RIO ARRIBA, NM F.P. Date: 09/58 Oil (bbl/day)) Field: BASIN (DAKOTA) DK Oil Cum: 6088 bbl Oil Cum: 6088 bbl Reservoir: DAKOTA Gas Cum: 670.9 mmcf Cometor ENERGEN RESOURCES Location: 8M 26N 5W			1976	1978	1980	1982	1984	1986	1988	1990	1992	1994	1996
) County: RIO ARRIBA, NM F.P. Date: 09/58) Field: BASIN (DAKOTA) DK Oil Cum: 6088 bbl Reservoir: DAKOTA Gas Cum: 670.9 mmcf Operator ENERGEN RESOURCES Location: 8M 26N 5W													
Field: BASIN (DAKOTA) DK Oil Cum: 6088 bbl Reservoir: DAKOTA Gas Cum: 670.9 m Operator ENERGEN RESOURCES Location: 8M 26N	Gas (mcf/day)		County: RIC) ARRIBA, N	Ň		F.P. Dat	te: 09/58			Oil (bbl/da)	···· (/	
Gas Cum: 670.9 m URCES Location: 8M 26N	Water (bbl/day)	4	Field: BASIN	и (ракота)	Ŋ		Oil Cum	:: 6088 bbl					
Gas Cum: 670.9 m URCES Location: 8M 26N													
URCES Location: 8M 26N			Reservoir: C	DAKOTA			Gas Cur	m: 670.9 mr	ncf				
			Onerator EN	IEDCEN DE					5W/				
							rocaro						



Energen Resources Corp.

Jicarilla West 7 Offset Operator / Ownership Plat Blanco Mesa Verde/ Basin Dakota Downhole Commingling

Township 26 N, Range 5 W



- 1) Energen Resources
- 2) Burlington Resources P.O. Box 4289 Farmington, N.M. 87499
- 3) Graystone Energy Inc. 5802 Highway 64 Farmington, N.M. 87401
- 4) Amoco Production Co. 200 Amoco Ct. Farmington, N.M. 87401

