	24/99	SUSPENSE /14/99			TYPE DHC					
	· · / · ·		ABOVE THIS LINE FOR DIVISION USE	ONLY						
	NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau -									
	ADMINISTRATIVE APPLICATION COVERSHEET									
			DMINISTRATIVE APPLICATIONS FO	R EXCEPTIONS TO DIVISION RULES	AND REGULATIONS					
Αρριις	Application Acronyms: [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] (OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]									
	•				n					
[1]	TYPE OF A [A]		eck Those Which Ap Junit - Directional Di P DD D		1 1999					
	Check	k One Only for [B] a	nd [C]	CONSERVAT	ION DAVISIONS					
	[B]	Commingling - Sto COMPC CT	B PLC .	PC OLS OC	DLM					
	[C]	Injection - Dispose		Enhanced Oil Recove	ry PPR					
[2]	NOTIFICA [A]		TO: - Check Those W Ity or Overriding Roy	Which Apply, or Doe alty Interest Owners	es Not Apply					
	[B]	Offset Operator	rs, Leaseholders or Su	rface Owner						
	[C]	Application is (One Which Requires I	Published Legal Notice						
	[D]		d/or Concurrent Appro Management - Commissioner of I	-						
	[E]	Generation For all of the ab	oove, Proof of Notific	ation or Publication is A	Attached, and/or,					
	[F]	U Waivers are At	tached							

.

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

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

Note: Statement must be complete	ed by an individual with supervisory capacity.
----------------------------------	--

Date

Peggy Bradfield	Series Shadhald	Regulatory/Compliance Administrator
Print or Type Name	Signature	Title

DISTRICT I 1625 N. French Dr., Hobbs, NM 88240 1625 N. TIENAN DISTRICT II South First St., Artesia, NM 88210 DISTRICT III -Rd. Aztec. NM 87410 DISTRICT_IV heco, Santa Fe, NM 87505

Operator

Lease

State of New Mexico Energy, Minerals and Natural Resources Department

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

Form C-107-A Revised August 1999 APPROVAL PROCESS: Administrative ____Hearing EXISTING WELLBORE _X_ YES

_ NO

APPLICATION FOR DOWNHOLE COMMINGLING

BURLINGTON RESOURCES OIL & GAS COMPANY

PO BOX 4289, FARMINGTON, NM 87499

San Juan 28-5 Unit	89E	N 09-28N-05W
ease	Well No.	Unit Ltr Sec - Twp - Rge

RIO ARRIBA County

14538 Property Code OGRID NO.

____7460_____ API NO.___30-039-23857_

Spacing Unit Lease Types: (check 1 or more) _ Federal ___X___, State _____, (and/or) Fee _

The following facts are submitted in support of downhole commingling: 1. Pool Name and Pool Code	Upper Zone BLANCO MESAVERDE – 72319	Intermediate Zone	Lower Zone BASIN DAKOTA - 71599
2. Top and Bottom of Pay Section (Perforations)	WILL BE SUPPLIED UPON COMPLETION		WILL BE SUPPLIED UPON COMPLETION
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	a. ^(Current) 581 psi (see attachment)	a. ^(Current)	a. ^(Current) 739 psi (see attachment)
Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated Or Measured Original	b, ^(Oriiginal) 1241 psi (see attachment)	b. ^(Oriiginal)	b. ^(Oriiginal) 2091 psi (see attachment)
6. Oil Gravity (EAPI) or Gas BTU Content	BTU 1200		BTU 1056
7. Producing or Shut-In?	SHUT-IN		SHUT-IN
	NO		YES
Production Marginal? (yes or no) * If Shut-In, give date and oil/gas/ water rates of last production	Date: N/A Rates:	Date: N/A Rates:	Date: N/A Rates:
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data * If Producing, give date andoil/gas/ water rates of recent test (within 60 days)	Date: N/A Rates:	Date: N/A Rates:	Date: N/A Rates:
8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	Oil: Gas: % WILL BE SUPPLIED UPON COMPLETION	Oil: Gas: % WILL BE SUPPLIED UPON COMPLETION	Oil: Gas: % WILL BE SUPPLIED UPON COMPLETION

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?	YesX_No
If not, have all working, overriding, and royalty interests been notified by certified mail?	YesX_No

11. Will cross-flow occur? _X_Yes No If yes, are fluids compatible, will the formations not be damaged, will any crossflowed 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 other? _X_Yes ___ No

13. Will the value of production be decreased by commingling? (If Yes, attach explanation) _Yes __X No

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).__R-10695

16. ATTACHMENTS

MENTS:
* 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 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	bean of	lorigan	TTTLE	PRODUCTION ENGINEER	DATE:	11/18/99
		1				

TYPE OR PRINT NAME SEAN E. CORRIGAN TELEPHONE NO. 505-326-9700

District I PO Box 1980, Hobbs, NM 88241-1980 District II PO Drawer DD, Artesia, NM 88211-0719 District III 1000 Rio Brazos Rd., Aztee, NM 87410 District IV PO Box 2088, Santa Fe, NM 87504-2088

.

.

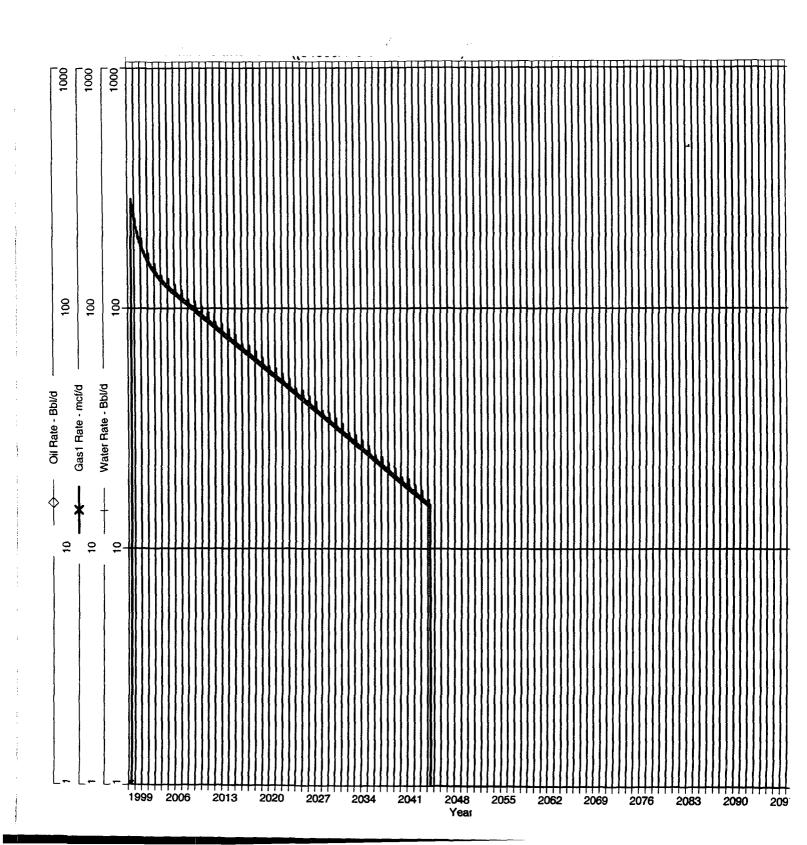
State of New Mexico Energy, Minerals & Natural Resources Department Form C-102 Revised February 21, 1994 Instructions on back Submit to Appropriate District Office State Lease - 4 Copies Fee Lease - 3 Copies

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

AMENDED REPORT

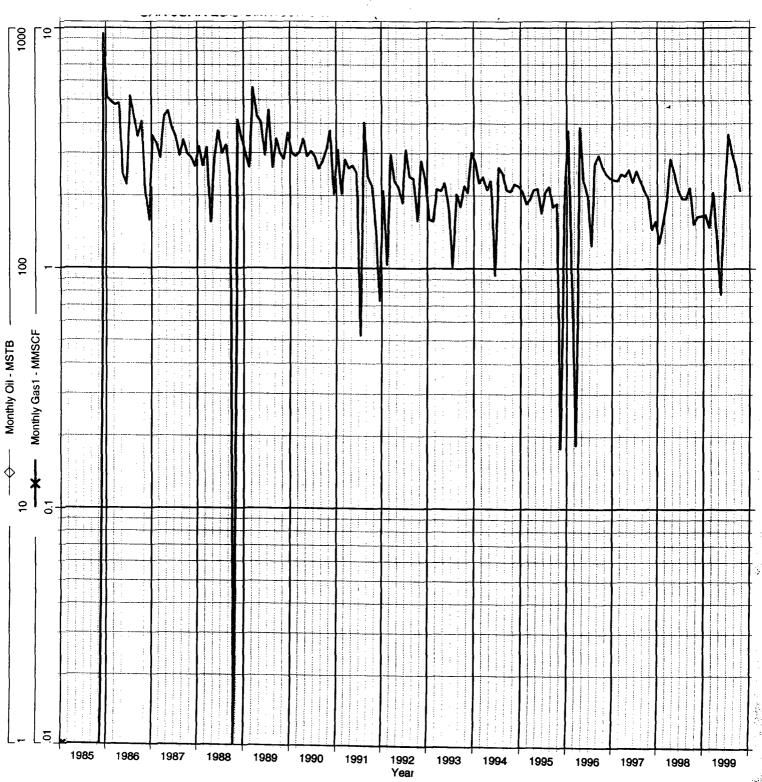
			W	ELL LO	CATION	I AND ACF	REAGE DEDIC	CATION PL	.AT		
	, ·	API Numbe	: r		¹ Pool Code			' Pool Na	me		
	30-039		7	7231	9/7159		anco_Mesav	erde/Basi	n Dako		
	* Property 7460	1			Sat	^{, property} 1 Juan 28				• Well Number	
	'OGRID				581	Operator				89E	
	14538			Burling	ton R		Oil & Gas	Company		6642' GR	
	L					¹⁰ Surface	Location	······································		<u> </u>	
	UL or lot no.	Section	Townsh		Lot Idn	Feet from the	North/South line	Feet from the	East/West li	ne County	
	N	9	28N	5W		1190	South	1745	West	RA	
			T		•		f Different Fro				
	UL or lot no.	Section	Townshi	p Range	Lot ida	Feet from the	North/South line	Feet from the	East/West iii	ne County	
	¹² Dedicated Act	reat ¹³ Toint	er lefill	¹⁴ Consolidatio	n Code 1 15 f	Drder No.	.L		I	l	
	¹³ Dedicated Act MV-all DK-322.		6	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							
											D
			∩B	A NONLET	ANDARD	UNIT HAS B	EEN APPROVED				_
										CERTIFICATIO	- 1
										mation contained herein i t of my knowledge and bei	
	0										
	Ur Wi	lgina lliam	L pla E. M	it from Iahnke I	гт						
		11-85									
								Signature			
		*****	~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~	u	<u> </u>	Peggy			
Fd.	X				~~~~~	Š I		Printed Nat		dministrato	r
-	ğ		Sec.	9		x Soc.	10	Title	<u>1001 j 11</u>	<u>antited by a co</u>	<u> </u>
	1745 8			łu		<u> </u>		Date			
•	XXX			0° 2'		Š		18CTIDA	VEVOR C	CERTIFICATIO	
F.J.			00000	<u>aaaaaa</u> ≥b	000000	<u>, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	- <u></u>	2		location shown on this pl	
	5 <i>89°5</i>	8 E	79.96 0	<i>n</i> ⁻	S 90	5' 30'E 8	0.06 cut	was plotted	from field notes	of actual surveys made by d that the same is true and	y me
			= Reco	and GLO	Pis-	19/5			e best of my bel		-
								Data of Sur	·		
			1	" = 2000	, <i>*</i>			Date of Surv Signature an	•	izional Surveyer:	
										-	
			-								
			-								
								ļ			
								Certificate N	lumber		

San Juan 28-5 Unit #89E Expected Production Mesaverde Formation



San Juan 28-5 Unit #89E Actual Production Dakota Formation

•



÷.

San Juan 28-5 Unit #89E Bottom Hole Pressures Flowing and Static BHP Cullender and Smith Method Version 1.0 3/13/94

Mesaverde	Dakota
MV-Current	DK-Current
GAS GRAVITY0.69COND. OR MISC. (C/M)C%N20.15%CO20.92%H2S0DIAMETER (IN)2DEPTH (FT)5770SURFACE TEMPERATURE (DEG F)60BOTTOMHOLE TEMPERATURE (DEG F)137FLOWRATE (MCFPD)0SURFACE PRESSURE (PSIA)502BOTTOMHOLE PRESSURE (PSIA)581.1	GAS GRAVITY0.608COND. OR MISC. (C/M)C%N20.11%CO21.6%H2S0DIAMETER (IN)1.5DEPTH (FT)7976SURFACE TEMPERATURE (DEG F)60BOTTOMHOLE TEMPERATURE (DEG F)198FLOWRATE (MCFPD)0SURFACE PRESSURE (PSIA)625BOTTOMHOLE PRESSURE (PSIA)738.7
MV-Original	<u>DK-Original</u>
GAS GRAVITY0.69COND. OR MISC. (C/M)C%N20.15%CO20.92%H2S0DIAMETER (IN)2DEPTH (FT)5770SURFACE TEMPERATURE (DEG F)60BOTTOMHOLE TEMPERATURE (DEG F)137FLOWRATE (MCFPD)0SURFACE PRESSURE (PSIA)1056BOTTOMHOLE PRESSURE (PSIA)1240.8	GAS GRAVITY0.608COND. OR MISC. (C/M)C%N20.11%CO21.6%H2S0DIAMETER (IN)1.5DEPTH (FT)7976SURFACE TEMPERATURE (DEG F)60BOTTOMHOLE TEMPERATURE (DEG F)198FLOWRATE (MCFPD)0SURFACE PRESSURE (PSIA)1740BOTTOMHOLE PRESSURE (PSIA)2090.6

.

San Juan 28-5 Unit #89E Mesaverde Offset

•

•

Well Name	Date	Pressure
SAN JUAN 28-5 UNIT 13	9/11/56	1,056
SAN JUAN 28-5 UNIT 13	7/30/57	674
SAN JUAN 28-5 UNIT 13	11/6/58	692
SAN JUAN 28-5 UNIT 13	11/6/59	665
SAN JUAN 28-5 UNIT 13	8/14/60	623
SAN JUAN 28-5 UNIT 13	8/13/61	609
SAN JUAN 28-5 UNIT 13	3/21/62	613
SAN JUAN 28-5 UNIT 13	6/14/63	584
SAN JUAN 28-5 UNIT 13	10/22/64	600
SAN JUAN 28-5 UNIT 13	1/26/65	573
SAN JUAN 28-5 UNIT 13	8/1/66	647
SAN JUAN 28-5 UNIT 13	8/4/67	631
SAN JUAN 28-5 UNIT 13	5/10/68	621
SAN JUAN 28-5 UNIT 13	8/25/69	574
SAN JUAN 28-5 UNIT 13	6/19/70	525
SAN JUAN 28-5 UNIT 13	4/27/71	492
SAN JUAN 28-5 UNIT 13	5/15/72	436
SAN JUAN 28-5 UNIT 13	5/9/74	457
SAN JUAN 28-5 UNIT 13	4/9/76	472
SAN JUAN 28-5 UNIT 13	5/16/78	417
SAN JUAN 28-5 UNIT 13	5/13/80	422
SAN JUAN 28-5 UNIT 13	6/10/82	431
SAN JUAN 28-5 UNIT 13	7/10/84	449
SAN JUAN 28-5 UNIT 13	12/2/86	613
SAN JUAN 28-5 UNIT 13	11/7/89	461
SAN JUAN 28-5 UNIT 13	6/17/91	468
SAN JUAN 28-5 UNIT 13	8/16/91	480
SAN JUAN 28-5 UNIT 13	3/29/93	502

San Juan 28-5 Unit #89E Existing Dakota

•____

:

Well Name	<u>Date</u>	Pressure
SAN JUAN 28-5 UNIT 89E	1985- 10- 22	1,740
SAN JUAN 28-5 UNIT 89E	1986- 06- 26	934
SAN JUAN 28-5 UNIT 89E	1987- 07- 01	973
SAN JUAN 28-5 UNIT 89E	1988- 08- 02	1,002
SAN JUAN 28-5 UNIT 89E	1990- 05- 08	738
SAN JUAN 28-5 UNIT 89E	1992- 11- 02	625

San Juan 28-5 Unit #89E Mesaverde / Dakota 28N - 5W - 98N

89 ¹² 7 12A 89 ¹² 7 12A 807 78 807 78 807 78 807 78	855 533 68 ⁻⁷ ^{MM} 2302A 55 58 58 58 58 58 58 58 58 58	<u>S.1 28-5 lbn.</u>	NN 2301 10 896 5.4 28-5 (m. NN 2301	5.1 28-5 lh.	NW 2301 12 NW 2008 12 NW 2008 1022 1022 1022 1024 1025 1025 1025 1025 1025 1025 1025 102 102 102 102 102 102 102 102
NH 2301 615 68 P 6 8 8 8 61 6 8 8 8 8 61	1230 75 28 1230 75 28 1230 125 28 123 125 28 125 125 125 28 125 125 125 125 125 125 125 125 125 125				NW 2301 HeA 2006 1010 1010 NW 10312,22 13
(MHFYC) 34 JHE 5033 (MHFYC) 34 JHE 5033 S.J. 28-5 UR. BY (FC) S.J. 28-5 UR. BY (FC)	NW 6633 33 W S.1 28-5 (m. NP (FC) S.1 28-5 (m.	16 (SOLACK) 1/2 83 83 8 Mil 406 84 84 54 28-5 (h)	NH 10312 934 10 53 53 53 53 54 54 54 54 54 54 54 54 54 54	14	984 985 101 88 1
(NRCP) NM 6639 571 4R DIPA.197 831 4. DIPA.197	NU 9639 NW 2006	NU 2006 NM 4417 76W FC 688 W V P8 76 W W F8 53 W W W	Neir 4418 Neir 2008	NW 2006	(M.A. ROMERO & McLUAN et cl) NN 4505 99 920 NH 4907 10 D PA 96
HM 6630 - 19 HM 6630 - 19 354 5.4 28-5 (b)	20 54 (2) 12 12 12 12 12 12 12 12 12 12 12 12 12 1	(NIRPC) -21 28-5 (NIRPC) -21 28-5 (NIRPC) - 5 4 28-5 4h	UNIA Sd 25-5 lin	23 55 58 58 58 58 58 58 58 58 58 58 58 58	24 37537 3757 3750 PA'36 S.J. 28-5 Un.
NH 4553 NH 6615	NW 2003 60 83 80 183 84 189	NH 2008 (NNPC) 64H 23 23 23 60 24	(M.A. ROMERO & MeELVAN et a) NM 4903 77M 88 40 77M 88 77 271 283	HM 2007	NM 2007 639 46 _784
58 NH 2008 58 NH 2008 5.4 28−5 Un.	29	28	27	26	
Net 2003 ∰ 51A P £33 ⁶² ∰ 51 31	(M.A. ROMERO & MCELYAN et a) 11 M NN 4908 R3 41	684 NM 2507 & A 50 528 M 52 52 PA 55 PA 55	70₩ 301 8738 28 28 28 29 ₩ 24	(MNPC) NM 8738 724	S.4. 28−5 Un. 188 8733 4584 🛞 ⁴⁷ 283 83 ⁴⁵ 18 83 ⁴⁵
51 82 42 42 83 9 5.4 28-5 is.	32 88 58 58 5.1 28-5 lin 9	33	- NH 2307 & - 34 15 283 70 154 69 68 (NHPC) S.H. 28-5 Un	35 ны в738 21 33 33 33 33 33 34 35.4 28-5 (л.	<u>36</u> (Амосо) 74 ^{NM} 8739 ббб S.d. 28-5 Un

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

CASE NO. 11627 ORDER NO. R-10695

APPLICATION OF BURLINGTON RESOURCES OIL & GAS COMPANY FOR THE ESTABLISHMENT OF A DOWNHOLE COMMINGLING "REFERENCE CASE" FOR ITS SAN JUAN 28-5 UNIT PURSUANT TO DIVISION RULE 303.E. AND THE ADOPTION OF SPECIAL ADMINISTRATIVE RULES THEREFOR, SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on October 17 and November 7, 1996, at Santa Fe, New Mexico, before Examiners David R. Catanach and Michael E. Stogner, respectively.

NOW, on this 12th day of November, 1996, the Division Director. having considered the testimony, the record and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

2

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Burlington Resources Oil & Gas Company (Burlington), pursuant to the provisions of Division Rule 303.E., seeks to establish a downhole commingling "reference case" to provide exceptions for (a) marginal economic criteria, (b) pressure criteria, (c) allocation formulas and (d) modification of notification rules on a unit-wide basis for downhole commingling of Dakota, Mesaverde, Fruitland Coal and Pictured Cliffs gas production within existing or future drilled wells within the San Juan 28-5 Unit, San Juan County, New Mexico.

(3) Division Rule No. 303.E., amended by Order No. R-10470-A, currently states:

"If sufficient data exists on a lease, pool, formation, geographic area, etc., so as to render it unnecessary to repeatedly provide such data on Form C-107-A, an operator may except any of the various criteria required under Paragraph 303.D. of this rule by establishing a "reference case". The Division, upon its own motion, or by application from an operator, may establish "reference cases" either administratively or by hearing. Upon Division approval of such "reference cases" for specific criteria,subsequent applications to downhole commingle (Form C-107-A) will be required only to cite the Division order number which established such exceptions and shall not be required to submit data for those criteria."

(4) The applicant is the current operator of the San Juan 28-5 Unit which encompasses some 17,399 acres in Township 28 North, Range 5 West, NMPM, San Juan County, New Mexico.

(5) Within the San Juan 28-5 Unit, the applicant currently operates sixty-seven (67) Basin-Dakota Gas Pool wells, seventy-one (71) Blanco-Mesaverde Gas Pool wells, sixteen (16) Gobernador-Pictured Cliffs, Oso-Pictured Cliffs and Tapacito-Pictured Cliffs Gas Pool wells, and nineteen (19) Basin-Fruitland Coal Gas Pool wells.

- (6) According to its evidence and testimony, Burlington seeks to:
- a) establish a "reference case" for marginal economic criteria in the Dakota and Pictured Cliffs formations. whereby these formations and/or pools may be identified as "marginal" on Form C-107-A's subsequently filed for wells within the San Juan 28-5 Unit. The applicant further proposes that the data provided in the immediate case serve as supplemental data or confirmation that these formations and/or pools should be classified as "marginal";
- b) establish a "reference case" for pressure criteria in the Dakota and Pictured Cliffs formations whereby the Division may utilize data provided in the immediate case to verify the pressure data provided on Form C-107-A's subsequently filed for wells within the San Juan 28-5 Unit;

- c) establish a "reference case" whereby the Division utilizes the data presented in the immediate case to endorse or approve certain methods of allocating production whereby the applicant need not submit additional data or justification when proposing a certain method of allocating production on Form C-107-A's subsequently filed for wells within the San Juan 28-5 Unit; and,
- d) establish a "reference case" or an administrative procedure for authorizing the downhole commingling of existing or future drilled wells within the San Juan 28-5 Unit without additional notice to each affected interest owner as required by Division Rule No. 303.D.

(7) In support of its request to except marginal economic criteria, the applicant presented geologic and engineering evidence and testimony which indicates that within the San Juan 28-5 Unit:

- a) the structure and thickness of the Dakota and Pictured Cliffs formations are very consistent;
- b) the average recoverable Dakota and Pictured Cliffs gas reserves underlying an undeveloped drill block are approximately 1,258 MMCFG and 77 MMCFG, respectively;
- c) the average initial producing rate for a newly drilled or recompleted Dakota and Pictured Cliffs gas well is approximately 276 MCFGD and 136 MCFGD, respectively; and,
- d) the estimated ultimate gas recoveries and initial producing rates from the Dakota and Pictured Cliffs formations are insufficient to justify drilling stand alone wells and/or dually completed wells to recover such gas reserves.

(8) The evidence and testimony presented by the applicant indicates that the Dakota and Pictured Cliffs formations within the San Juan 28-5 Unit should be properly classified as "marginal".

(9) In support of its request to except pressure criteria within the Dakota and Pictured Cliffs formations within the San Juan 28-5 Unit, the applicant presented engineering evidence and testimony which indicates that:

- a) the average shut-in bottomhole pressure within the Dakota and Pictured Cliffs formations at the time of initial development were approximately 3,149 psi and 1,143 psi, respectively; and,
- b) the average current shut-in bottomhole pressure within the Dakota and Pictured Cliffs formations are approximately 1.059 psi and 714 psi, respectively.

(10) There is sufficient pressure data available within the San Juan 28-5 Unit so as to except pressure criteria as proposed by the applicant.

(11) The applicant testified that various allocation methods will be utilized for downhole commingled wells within the San Juan 28-5 Unit depending on the circumstances. Some of the methods and circumstances are described as follows:

- a) the subtraction method will likely be utilized in those instances involving the Basin-Fruitland Coal Gas Pool and in those instances where a zone with a well established decline rate is commingled with a newly completed zone;
- b) a fixed allocation formula will be utilized in those instances where production history for both zones is available, or in those instances where newly completed zones are tested and stabilized flow rates obtained.

(12) The allocation methods proposed by the applicant are routinely utilized by industry and approved by the Division and therefore, the proposal to except allocation formulas should be approved.

(13) In support of its request to establish a "reference case" or administrative procedure for providing notice within the San Juan 28-5 Unit the applicant presented evidence and testimony which indicates that:

- a) the interest ownership between two zones within a given wellbore in the San Juan 28-5 Unit is generally not common;
- b) pursuant to Division Rule No. 303.D., applicant is currently required to notify all interest owners within the San Juan 28-5 Unit every time a Form C-107-A is submitted to the Division. There are a considerable number of such interest owners within the unit;

- c) providing notice to each interest owner within the San Juan 28-5 Unit of subsequent downhole comminglings is unnecessary and is an excessive burden on the applicant;
- d) the downhole commingling of wells within the San Juan 28-5 Unit Area will benefit working, royalty, and overriding royalty interest owners. In addition, the downhole commingling of wells within the San Juan 28-5 Unit should not violate the correlative rights of any interest owner;
- e) no interest owner appeared at the hearing in opposition to the establishment of a "reference case" or administrative procedure for notice.

(14) An administrative procedure should be established within the San Juan 28-5 Unit for obtaining approval for subsequent downhole commingled wells without notice to Unit interest owners, provided however that, all other provisions contained within Division Rule No. 303.C. are complied with.

(15) Approval of the proposed "reference cases" for marginal economic criteria, pressure criteria, allocation formulas and notice will lessen the burden on the applicant insofar as providing the data required pursuant to Division Rule No. 303.D. and Form C-107-A, will provide the applicant a streamlined method for obtaining downhole commingling approvals within the San Juan 28-5 Unit, and will not violate correlative rights.

IT IS THEREFORE ORDERED THAT:

(1) The application of Burlington Resources Oil & Gas Company to establish a "reference case" for (a) marginal economic criteria. (b) pressure criteria. (c) allocation formulas and (d) modification of notification rules on a unit-wide basis for downhole commingling of Dakota. Mesaverde, Fruitland Coal and Pictured Cliffs gas production within existing or future drilled wells within the San Juan 28-5 Unit, San Juan County, New Mexico, is hereby approved. CASE NO. 11627 Order No. R-10695 Page -6-

(2) Upon filing of Division Form No. C-107-A's for wells subsequently downhole commingled within the San Juan 28-5 Unit Area, the applicant shall not be required to submit supporting data to justify the classification of the Pictured Cliffs and Dakota formations as "marginal", supporting data to verify the Pictured Cliffs and Dakota pressure information provided, and support or justification for utilizing a given method or formula for allocation of production, provided however, in the event any of the data described above appearing on Form C-107-A appears to be beyond the data range provided in this case, the Division may require the submittal of additional supporting data.

(3) In order to obtain Division authorization to downhole commingle wells within the San Juan 28-5 Unit, the applicant shall file a Form C-107-A with the Santa Fe and Aztec Offices of the Division. Such application shall contain all the information required under Rule No. 303.C. of the Division Rules and Regulations, provided however that the applicant shall not be required to provide notice to all interest owners within the San Juan 28-5 Unit of such proposed commingling.

(4) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION LeMAY Director

SEAL