DATE IN	016197	SUSPENSE 26/97 ENGINEER LOGGED LOGGED TYPE AHC								
		ABOVE THIS LINE FOR DIVISION USE ONLY 1593								
	NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau -									
	ADMINISTRATIVE APPLICATION COVERSHEET									
	THIS COVERSHI	EET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS								
.pplic	[PC-P	[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] (nhole Commingling) [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] ool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] alified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]								
1]		PPLICATION - Check Those Which Apply for [A]								
	[A]	Location - Spacing Unit - Directional Drilling INSL INSP IDD ISD JUN - 6 1997								
		CONSERVATION DIVISION								
	[B]	Commingling - Storage - Measurement								
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery								
2]	NOTIFICAT	FION REQUIRED TO: - Check Those Which Apply, or 🖵 Does Not Apply								
-	[A]	U Working, Royalty or Overriding Royalty Interest Owners								
	[B]	Offset Operators, Leaseholders or Surface Owner								
	[C]	Application is One Which Requires Published Legal Notice								
	[D]	Vis. Bureau of Land Management - Commissioner of Public Lands, State Land Office								
	[E]	General of the above, Proof of Notification or Publication is Attached, and/or,								
	[F]	U Waivers are Attached								
3]	INFORMAT	TION / DATA SUBMITTED IS COMPLETE - Statement of Understanding								

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

	Note: Statement must be comp	leted by an individual with supervisory capacity.	
Designed and the second s			
eggy Bradfield	Machueld	Regulatory/Compliance Administrator	6/2/97
rint or Type Name	Signature	Title	- Date



SAN JUAN DIVISION

June 2, 1997

SENT FEDERAL EXPRESS

Mr. William LeMay New Mexico Oil Conservation Division 2040 South Pacheco Street Santa Fe, New Mexico 87505

Re: San Juan 28-5 Unit #73M 765'FSL, 2075'FEL Section 35, T-28-N, R-5-W, Rio Arriba County, NM API #30-039-25663

Dear Mr. LeMay:

This is a request for administrative approval for downhole commingling the Blanco Mesa Verde and Basin Dakota in the subject well. This well is planned to be drilled and completed as a Mesa Verde/Dakota commingle in 1997.

To comply with the New Mexico Oil Conservation Division rules, Burlington Resources Oil & Gas Company is submitting the following for your approval of this commingling:

- 1. Form C107A Application for Downhole Commingling;
- 2. C-102 plat for each zone showing its spacing unit and acreage dedication;
- 3. Production curve for Dakota and expected production curve for the Mesa Verde;
- 4. Notification list of offset operators Burlington is the surrounding operator;
- 5. Shut in wellhead pressure and calculated down hole pressure of surrounding wells;
- 6. Nine-section plats for the Mesa Verde and Dakota.

(

Notification of Mesa Verde and Dakota interest owners is covered under Order R-10695 dated November 12, 1996 attached.

We will consult with the Supervisor of the Aztec District Office of the New Mexico Oil Conservation Division to establish an allocation formula.

Please let me know if you require additional data.

Sincerely,

Shad held

Peggy Bradfield Regulatory/Compliance Administrator

xc: Bureau of Land Management - hand delivered

DISTRICT I

2.5

P.O. Box 1980, Hobbs, NM 88241-1980 DISTRICT II 811 South First St., Artesia, NM 88210-2835 DISTRICT III 1000 Rio Brazos Rd. Aztec, NM 87410-1693

State of New Mexico Energy, Minerals and Natural Resources Department **OIL CONSERVATION DIVISION**

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

APPLICATION FOR DOWNHOLE COMMINGLING

APPROVAL PROCESS : _X_ Administrative ____Hearing **EXISTING WELLBORE** _ YES _xNO

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

PO Box 4289, Farmington, NM 87499 **Burlington Resources Oil & Gas Company** Address

SAN JUAN 28-5 UNIT lease

O 35-28N-5W Unit Ltr. - Sec - Twp - Rge **Rio Arriba** County

Operator

73M

Well No.

OGRID NO. <u>14538</u> Property Code __7460_____ API_NO<u>.</u>30-039-25663__Federal __X____, State ____

Spacing Unit Lease Types: (check 1 or more) ___(and/or) Fee _____X___

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Blanco Mesaverde - 72319		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	(Current) a. 588 psi (see attachment)	а.	a. 1193 psi (see attachment)
Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Original) b. 1344 psi (see attachment)	Ь.	b. 3330 psi (see attachment)
6. Oil Gravity ([°] API) or Gas BTU Content	BTU 1182		BTU 1051
7. Producing or Shut-In?	shut-in		shut-in
Production Marginal? (yes or no)	no		yes
* If Shut-In 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: n/a Ratøs:	Date: Rates:	Date: n/a Rates:
* If Producing, give data and oil/gas/water water of recent test (within 60 days)	Date: n/a Rates:	Date: Rates:	Date: n/a Rates:
8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	Oil: 6as: % % will be supplied upon completion	Oil: Gas: %	Oil: Gas: % % will be supplied upon completion

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 working, overriding, and royalty interests been notified by certified mail? Have all offset operators been given written notice of the proposed downhole commingling? ___Yes __x_No ___Yes __x_No _x_Yes ___No
- 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) 11. Will cross-flow occur?

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? ___ 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). ___R-10695

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 Sean Workerton TITLE	Production Engineer DATE05/27/97
TYPE OR PRINT NAME Sean C. Woolverton	TELEPHONE NO. (505) 326-9700

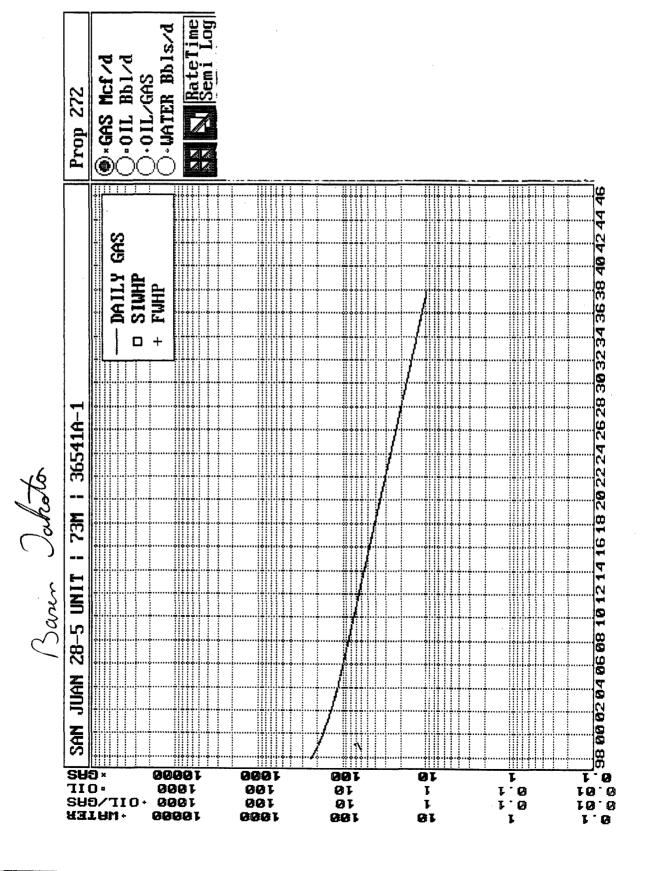
District 1 PO Box 1980, Hobbs, NM 88241-1980 District 41 PO Drawer DD, Artenia, NM 88211-0719 District 411 1000 Rio Brazos Rd., Aztec. NM 87410 District 4V PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico Energy, Minerals & Natural Resources Department

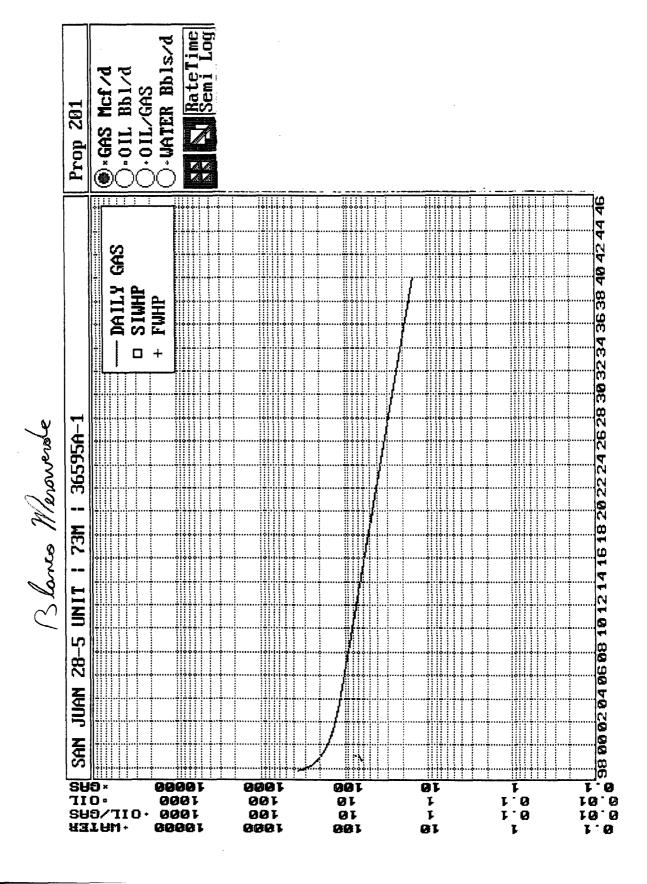
OIL CONSERVATION DIVISION PO Box 2088 Santa Fe, NM 87504-2088 Form C-101 Revised February 21, 1994 Instructions on baci Submit to Appropriate District Office State Lease - 4 Copte: Fee Lease - 3 Copte:

AMENDED REPORT

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<u> 30-039-</u>			7231	<u>9/71599</u>) <u>B</u> 1	anco	<u>Mesave</u>	de	/Basin D)akot	a			
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'OGRID	No.		BURLTN	IGTON R	' Operato ESOURCE		L & GAS	cc	MPANY			* Elevation 736 *		
14538														
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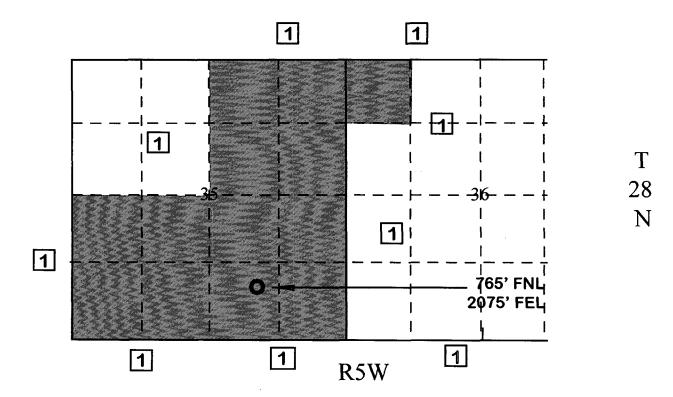
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Burlington Resources Oil and Gas Company

San Juan 28-5 Unit #73M OFFSET OPERATOR \ OWNER PLAT

Mesaverde / Dakota Formations Commingle Well (Mesaverde (S/2) / Dakota (Non standard dedication covering NW/4 NW/4 Sec. 36, lot 2, NE/4, N/2 SE/4 Sec. 35)



1) Burlington Resources Oil and Gas Company

REOUESTED RECORD NOT FOUND (NEXT RECORD DISPLAYED) OPRO08M1 S001 0008 CHROMATOGRAPH TEST MAIN SCREEN 20:07:06.9 05/20/97 FUNCTION (A,C,D,I)i** DATA AT TEST PRESSUREMP NUMBER86561SAN JUAN 28-5 UNITEFFECTIVE DATE19970301 ** DATA AT TEST PRESSURE UNLESS NOTED ** 72 REGION CD SAN JUAN 42 GAS METER - WELLHEAD SALES MP TYPE CODE 10 _____ ----- BTU/CF ------SAMPLE TYPE CODE (GAS, LIQ, BTU) GAS --- (AT 14.73 PSIG) --19970301 SAMPLE DATE WET 1051.397 DRY 1070.000 SAMPLE LINE PRESSURE (PSIG) SAMPLE LINE TEMPERATURE (DEG F) ----- BTU/CF -----TEST DATE TEST DATETEST DATETEST PRESSURE (PSIG)14.730WET 1051.397TEST TEMPERATURE (DEG F)60VAPOR FACTOTEST LIFE (MONTHS)6TESTER SOURCE BA NUMBER038689PETROLEUM LAND CORP VAPOR FACTOR TEST PURPOSE CODE _____ 03=DETAIL SCR 04=MP-NM BRWS 06=MP/DS LST 07=MP/WN LST 11=PREV SCR12=MAIN MENU21=REFRESH SCR22=PREV MENU24=HELP 20=NEXT REC PA1=TERMINATE LU #3 B MY JOB OPR008M2 S001 O008 CHROMATOGRAPH GAS SAMPLE DETAIL 20:07:10.6 05/20/97 GPM ** DATA AT 14.730 PSIG UNLESS NOTED ** MOL % (AT 14.73) MP NUMBER HYDROGEN 86561 HELIUM EFFECTIVE DATE 19970301 0.25 NITROGEN OXYGEN _____ -- GASOLINE CONTENT (GPM) --26/70 GASOLINE _91.83 100% METHANE PROPANE 1.2359 $\begin{array}{c}
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. . . .

REQUESTED RECORD NOT FOUND (NEXT RECORD DISPLAYED) OPRO08M1 S001 O008 CHROMATOGRAPH TEST MAIN SCREEN 20:00:03.4 05/20/97 FUNCTION (A,C,D,I) i** DATA AI TEST INSECTIONMB NUMBER86009 SAN JUAN 28-5 UNIT24 ** DATA AT TEST PRESSURE UNLESS NOTED ** MP NUMBER 86009 EFFECTIVE DATE 19951101 REGION CD42MP TYPE CODE10 SAN JUAN GAS METER - WELLHEAD SALES _____ SAMPLE TYPE CODE (GAS, LIQ, BTU) GAS ----- BTU/CF -----19951101 --- (AT 14.73 PSIG) --SAMPLE DATE WET 1182.084 DRY 1203.000 SAMPLE LINE PRESSURE (PSIG) SAMPLE LINE TEMPERATURE (DEG F) TEST DATETEST PRESSURE (PSIG)14.730TEST TEMPERATURE (DEG F)606060 ----- BTU/CF ------_____BIO/CF _____ _14.730 WET _1182.084 DRY _1203.000 VAPOR FACTOR 038689 PETROLEUM LAND CORP TESTER SOURCE BA NUMBER TEST PURPOSE CODE _____ _____ 03=DETAIL SCR 04=MP-NM BRWS 06=MP/DS LST 07=MP/WN LST 11=PREV SCR 12=MAIN MENU 20=NEXT REC 24=HELP PA1=TERMINATE 21=REFRESH SCR 22=PREV MENU B MY JOB LU #3 OPR008M2 S001 0008 CHROMATOGRAPH GAS SAMPLE DETAIL 20:00:10.4 05/20/97 GPM ** DATA AT 14.730 PSIG UNLESS NOTED ** MOL % (AT 14.73) MP NUMBER 86009 HYDROGEN EFFECTIVE DATE 19951101 HELIUM 0.32 NITROGEN -- GASOLINE CONTENT (GPM) --26/70 GASOLINE 83.29 100% PROPANE METHANE ___9.03 2.4155 ETHANE EXCESS BUTANES PROPANE 3.69 1.0170 TOTAL ISO-BUTANE N-BUTANE 0.2322 0.3090 ISO-PENTANE N-PENTANE 0.34 0.1244 ----- SPECIFIC GRAVITY -----CALCULATED _0.6940 HEXANE MEASURED ____0.46 0.2007 HEXANE PLUS HEPTANE PLUS SULPHER GRAINS / 100 CU FT 4.3894 TOTALS 100.00 03=MAIN SCREEN 24=HELP PA1=TERMINATE B MY JOB NUM LU #3

San Juan 28-5 Unit #73M Bottom Hole Pressures Flowing and Static BHP Cullender and Smith Method

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Version 1.0 3/13/94

Mesaverde	Dakota			
<u>MV-Current</u>	<u>DK-Current</u>			
GAS GRAVITY 0.694 COND. OR MISC. (C/M) C %N2 0.32 %CO2 0.93 %H2S 0.00 DIAMETER (IN) 2.375 DEPTH (FT) 5408 SURFACE TEMPERATURE (DEG F) 60 BOTTOMHOLE TEMPERATURE (DEG F) 141 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 512 BOTTOMHOLE PRESSURE (PSIA) 587.5	GAS GRAVITY0.618COND. OR MISC. (C/M)C%N20.25%CO21.57%H2S0.00DIAMETER (IN)2.375DEPTH (FT)7923SURFACE TEMPERATURE (DEG F)60BOTTOMHOLE TEMPERATURE (DEG F)163FLOWRATE (MCFPD)0SURFACE PRESSURE (PSIA)992BOTTOMHOLE PRESSURE (PSIA)1192.5			
<u>MV-Original</u>	DK-Original			
GAS GRAVITY0.694COND. OR MISC. (C/M)C%N20.32%CO20.93%H2S0.00DIAMETER (IN)2.375DEPTH (FT)5408SURFACE TEMPERATURE (DEG F)60BOTTOMHOLE TEMPERATURE (DEG F)141FLOWRATE (MCFPD)0SURFACE PRESSURE (PSIA)1153BOTTOMHOLE PRESSURE (PSIA)1344.4	GAS GRAVITY0.618COND. OR MISC. (C/M)C%N20.25%CO21.57%H2S0.00DIAMETER (IN)2.375DEPTH (FT)7923SURFACE TEMPERATURE (DEG F)60BOTTOMHOLE TEMPERATURE (DEG F)163FLOWRATE (MCFPD)0SURFACE PRESSURE (PSIA)2742BOTTOMHOLE PRESSURE (PSIA)3330.4			

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06/13/61	249000	626.0	
07/31/62	298000	588.0	
01/07/63	312000	628.0	
01/02/64	352000	659.0	
01/26/65	391000	652.0	
08/01/66	450000	628.0	
08/04/67	489000	603.0	
05/10/68	517000	630.0	
06/09/70	591122	597.0	
05/03/71	624581	555.0	
05/30/72	664035	547.0	
04/19/74	724116	612.0	
08/02/78	820618	740.0	
05/31/82	947577	576.0	
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SAN JUAN 28-5 UNIT

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:

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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:

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(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.

<u>نم</u>

CASE NO. 11627 Order No. R-10695 Page -2-

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1:

(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;

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- 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:

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(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 WILLIAM Director

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