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DATE IN	6/3/97	SUSPENSE ENGINEER BS/DC LOGGED W TYPE DHC							
• • • •		ABOVE THIS LINE FOR DIVISION USE ONLY							
	NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau -								
		ADMINISTRATIVE APPLICATION COVERSHEET							
	THIS COVERSHE	EET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS							
.pplic:	[PC-Po	[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] whole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] col 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]	TYPE OF A	PPLICATION - Check Those Which Apply for [A]							
- 1	[A]	Location - Spacing Unit - Directional Drilling INSL INSP IDD ISD JUN - 3 1997							
	Check	Cone Only for [B] and [C]							
	[B]	Commingling - Storage - Measurement							
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery							
2]	NOTIFICAT [A]	TION REQUIRED TO: - Check Those Which Apply, or Does Not Apply Working, Royalty or Overriding Royalty Interest Owners							
	[B]	Grifset Operators, Leaseholders or Surface Owner							
	[C]	Application is One Which Requires Published Legal Notice							
	[D]	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]	U Waivers are Attached							

3] INFORMATION / 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 cegulations 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 com	pleted by an individual with supervisory capacity.	
		$\langle \cdot \rangle$	
eggy Bradfield	Shahard	Regulatory/Compliance Administrator	6/2/2-
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 29-7 Unit #67A 1850'FNL, 1100'FWL Section 27, T-29-N, R-7-W, Rio Arriba County, NM API #30-039-25644

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-10697 dated November 8, 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 he cd

Peggy Bradfield Regulatory/Compliance Administrator

xc: Bureau of Land Management - hand delivered

DISTRICT I

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 Depar **OIL CONSERVATION DIVISION**

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

Form C-107-A New 3-12-96 AL PROCESS : rative Hearing

EXISTING WELLBORE APPLICATION FOR DOWNHOLE COMMINGLING

__YES _xNO

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

Operator		Address	
SAN JUAN 29-7 UNIT	67A	E 2329N-7W	Rio Arriba
Lease	Well No.	Unit Ltr Sec - Twp - Rge	County
			Spacing Unit Lease Types: (check 1 or more)

OGRID NO. _14538____ ____ Property Code ____7465____ ___ API_NQ.30-039-25644__Federal __X____ , State ___

____(and/or) Fee ___

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. 580 psi (see attachment)	a.	a. 466 psi (see attachment)
Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Original) b. 1253 psi (see attachment)	Ь.	b. 2153 psi (see attachment)
6. Oil Gravity ([°] API) or Gas BTU Content	BTU 1176		BTU 1026
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 Rates:	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: Gas: % % will be supplied upon completion	Oil: Gas: %	Oil: Gas: % % %

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-10697_

- 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. 1 ~ //

SIGNATURE	un Worth	erton TI	TLE_	Production	Engineer	DATE	05/27/97	
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TYPE OR PRINT NAME <u>Sean C. Woolverton</u> TELEPHONE NO. (505) 326-9700

tment	l
I	APPROV
	X Administr



District 1	
PO Box 1980, Hobbs, NM 88241-1980	
District II	
PO Drawer DD, Artesia, NM 88211-0719	
District III	
1000 Rio Bruzos Rd., Aztec, NM 87410	
District IV	
PO Box 2088. Santa Fe. NM 87504-2088	

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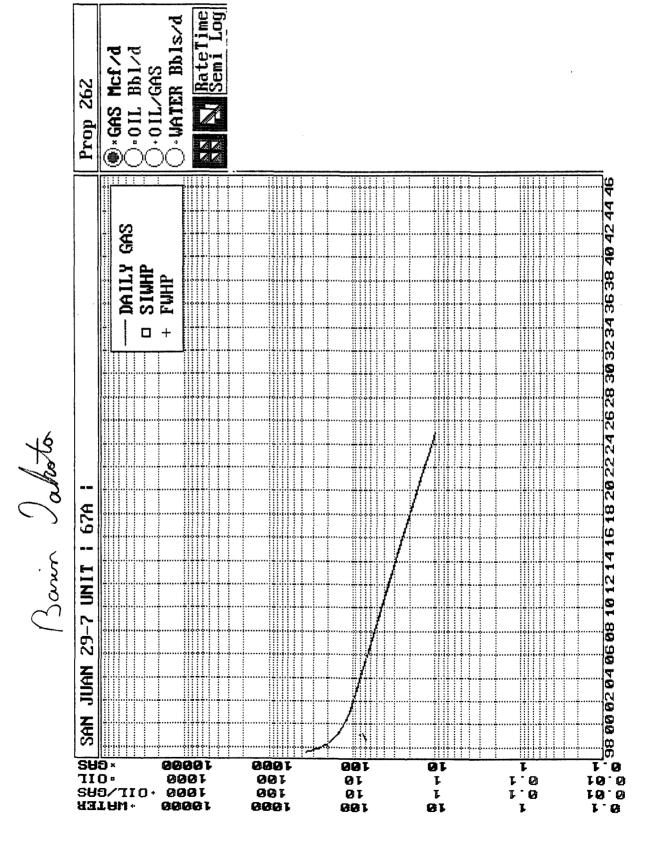
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State of New Mexico Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION 97 PO Box 2088 Santa Fe. NM 87504-2088

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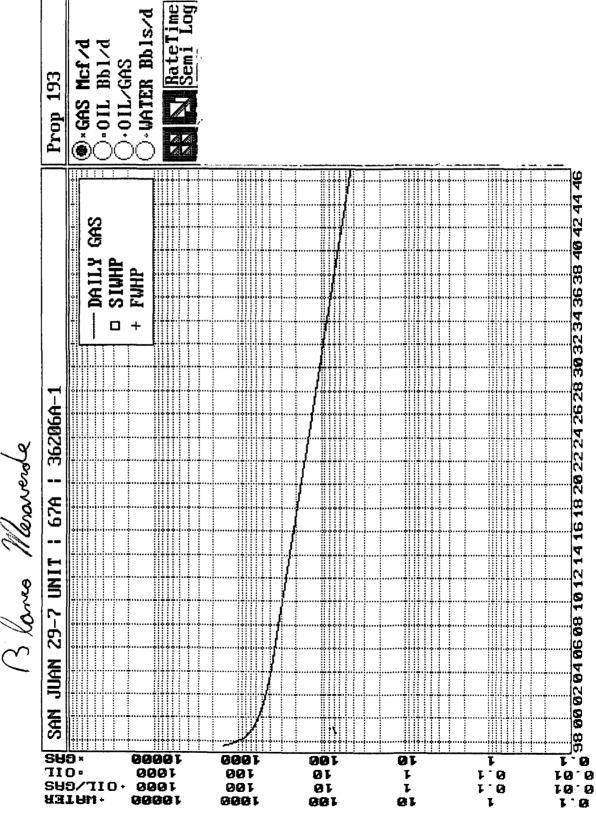
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* Property Code * Property Name							• Well	Number			
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DK-W/320								DECTO I	LAVE DEEL		
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BURLINGTON RESOURCES OIL AND GAS COMPANY

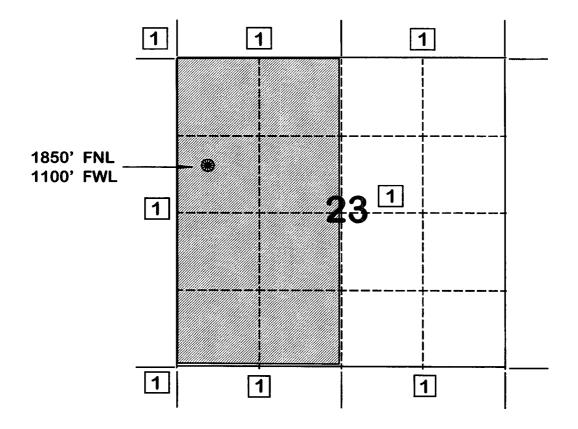
San Juan 29-7 Unit #67A OFFSET OPERATOR \ OWNER PLAT

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Mesaverde/Dakota Formations Commingle Well

Township 29 North, Range 7 West



1) Burlington Resources Oil and Gas Company

OPR008M1 S001 0008 CHROMATOGRAPH TEST MAIN SCREEN 19:57:35.9 05/20/97 FUNCTION (A,C,D,I) I** DATA AT IDOL FRANCEMD NUMBER93355 SAN JUAN 29-7 UNIT65A ** DATA AT TEST PRESSURE UNLESS NOTED ** MP NUMBER 93351 EFFECTIVE DATE 19960801 REGION CD 42 SAN JUAN 10 MP TYPE CODE GAS METER - WELLHEAD SALES _____ SAMPLE TYPE CODE (GAS, LIQ, BTU) GAS ----- BTU/CF --------- (AT 14.73 PSIG) --SAMPLE DATE 19960529 WET 1026.831 DRY 1045.000 SAMPLE LINE PRESSURE (PSIG) SAMPLE LINE TEMPERATURE (DEG F) ----- BTU/CF -----TEST DATE <u>14.730</u> WET 1026.831 DRY 1045.000 TEST PRESSURE (PSIG) TEST TEMPERATURE (DEG F) 60 VAPOR FACTOR TEST LIFE (MONTHS) 6 098795 EL PASO FIELD SERVICES 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 21=REFRESH SCR 22=PREV MENU 24 = HELPPA1=TERMINATE B MY JOB LU #3 OPR008M2 S001 O008 CHROMATOGRAPH GAS SAMPLE DETAIL 19:57:53.9 05/20/97 GPM ** DATA AT 14.730 PSIG UNLESS NOTED ** MOL % (AT 14.73) MP NUMBER HYDROGEN 93355 EFFECTIVE DATE 19960801 HELIUM 0.10 NITROGEN OXYGEN HYDROGEN SULFIDE -- GASOLINE CONTENT (GPM) --__1.61 CARBON DIOXIDE 26/70 GASOLINE _93.85 METHANE 100% PROPANE 0.9122 EXCESS BUTANES 3.41 ETHANE PROPANE TOTAL ISO-BUTANE N-BUTANE ISO-PENTANE ----- SPECIFIC GRAVITY -----CALCULATED 0.6010 N-PENTANE HEXANE MEASURED 0.0480 HEXANE PLUS SULPHER GRAINS / 100 CU FT ____ HEPTANE PLUS TOTALS 100.00 1.2344 ------03=MAIN SCREEN 24=HELP PA1=TERMINATE B MY JOB NUM LU #3

REQUESTED RECORD NOT FOUND (NEXT RECORD DISPLAYED) OPRO08M1 S000 0008 CHROMATOGRAPH TEST MAIN SCREEN 15:04:22.3 05/18/97 FUNCTION (A,C,D,I) i ** DATA AT TEST PRESSURE UNLESS NOTED ** 72097 SAN JUAN 29-7 UNIT MP NUMBER72097EFFECTIVE DATE19970501 67 REGION CD 42 SAN JUAN MP TYPE CODE 10 GAS METER - WELLHEAD SALES SAMPLE TYPE CODE (GAS,LIQ,BTU) GAS ----- BTU/CF -------- (AT 14.73 PSIG) --SAMPLE DATE 19970410 SAMPLE LINE PRESSURE (PSIG) WET 1176.189 DRY 1197.000 SAMPLE LINE TEMPERATURE (DEG F) TEST DATE ----- BTU/CF -----<u>14.730</u> WET <u>1176.189</u> DRY <u>1197.000</u> TEST PRESSURE (PSIG) TEST TEMPERATURE (DEG F) 60 VAPOR FACTOR TEST LIFE (MONTHS) 6 098795 EL PASO FIELD SERVICES 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 21=REFRESH SCR 22=PREV MENU 24 = HELPPA1=TERMINATE B MY JOB LU #2 OPR008M2 S000 O008 CHROMATOGRAPH GAS SAMPLE DETAIL 15:04:27.6 05/18/97 GPM ** DATA AT 14.730 PSIG UNLESS NOTED ** MOL % (AT 14.73) MP NUMBER 72097 HYDROGEN EFFECTIVE DATE 19970501 HELIUM 0.15 NITROGEN OXYGEN HYDROGEN SULFIDE ______ CARBON DIOXIDE _____0.94 -- GASOLINE CONTENT (GPM) --26/70 GASOLINE _84.06 __84.06 __8.71 2.3299 __3.48 0.9591 __0.63 0.2061 __0.87 0.2743 __0.33 0.1207 __0.23 0.0833 METHANE 100% PROPANE ETHANE EXCESS BUTANES PROPANE TOTAL ISO-BUTANE N-BUTANE ISO-PENTANE ---- SPECIFIC GRAVITY -----N-PENTANE CALCULATED 0.6890 HEXANE MEASURED _____0.60 0.2618 HEXANE PLUS HEPTANE PLUS SULPHER GRAINS / 100 CU FT 100.00 TOTALS 4.2352 ----------03=MAIN SCREEN 24=HELP PA1=TERMINATE B MY JOB NUM LU #2

San Juan 29-7 Unit #67A Bottom Hole Pressures Flowing and Static BHP Cullender and Smith Method Version 1.0 3/13/94

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Mesaverde	Dakota			
<u>MV-Current</u>	<u>DK-Current</u>			
GAS GRAVITY0.689COND. OR MISC. (C/M)C%N20.15%CO20.94%H2S0.00DIAMETER (IN)2.375DEPTH (FT)4920SURFACE TEMPERATURE (DEG F)60BOTTOMHOLE TEMPERATURE (DEG F)134FLOWRATE (MCFPD)0SURFACE PRESSURE (PSIA)512BOTTOMHOLE PRESSURE (PSIA)580.2	GAS GRAVITY0.601COND. OR MISC. (C/M)C%N20.10%CO21.61%H2S0.00DIAMETER (IN)2.375DEPTH (FT)7483SURFACE TEMPERATURE (DEG F)60BOTTOMHOLE TEMPERATURE (DEG F)187FLOWRATE (MCFPD)0SURFACE PRESSURE (PSIA)400BOTTOMHOLE PRESSURE (PSIA)465.8			
<u>MV-Original</u>	<u>DK-Original</u>			
GAS GRAVITY0.689COND. OR MISC. (C/M)C%N20.15%CO20.94%H2S0.00DIAMETER (IN)2.375DEPTH (FT)4920SURFACE TEMPERATURE (DEG F)60BOTTOMHOLE TEMPERATURE (DEG F)134FLOWRATE (MCFPD)0SURFACE PRESSURE (PSIA)1091BOTTOMHOLE PRESSURE (PSIA)1252.9	GAS GRAVITY0.601COND. OR MISC. (C/M)C%N20.10%CO21.61%H2S0.00DIAMETER (IN)2.375DEPTH (FT)7483SURFACE TEMPERATURE (DEG F)60BOTTOMHOLE TEMPERATURE (DEG F)187FLOWRATE (MCFPD)0SURFACE PRESSURE (PSIA)1812BOTTOMHOLE PRESSURE (PSIA)2153.2			

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03/13/62	792000	750.0	
02/12/63	877000	760.0	
02/07/64	1015000	732.0	
02/25/65	1219000	690.0	
02/28/66	1410000	661.0	
03/03/67	1599000	671.0	
08/28/68	1880000	609.0	
05/15/69	2046000	601.0	
03/03/70	2208602	602.0	
03/30/71	2407446	548.0	
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05/19/82	4414328	448.0	
09/19/84	4616265	508.0	
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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. 11629 ORDER NO. R-10697

APPLICATION OF BURLINGTON RESOURCES OIL & GAS COMPANY FOR THE ESTABLISHMENT OF A DOWNHOLE COMMINGLING "REFERENCE CASE" FOR ITS SAN JUAN 29-7 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 8th 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:

(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 29-7 Unit, San Juan County, New Mexico.

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

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> "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 29-7 Unit which encompasses some 22,500 acres in Township 29 North, Range 7 West, NMPM, San Juan County, New Mexico.

(5) Within the San Juan 29-7 Unit, the applicant currently operates fifty-five (55) Basin-Dakota Gas Pool wells, one hundred thirty-one (131) Blanco-Mesaverde Gas Pool wells, thirteen (13) Blanco-Pictured Cliffs and South Blanco-Pictured Cliffs Gas Pool wells, and forty-nine (49) 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 29-7 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 29-7 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 subsequentlyfiled for wells within the San Juan 29-7 Unit; and. CASE NO. 11629 Order No. R-10697 Page -3-

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d) establish a "reference case" or an administrative procedure for authorizing the downhole commingling of existing or future drilled wells within the San Juan 29-7 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 29-7 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 245 MMCFG and 76 MMCFG, respectively;
- c) the average initial producing rate for a newly drilled or recompleted Dakota and Pictured Cliffs gas well is approximately 218 MCFGD and 238 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 29-7 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 29-7 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 was approximately 3,209 psi and 1,148 psi, respectively; and,
- b) the average current shut-in bottomhole pressure within the Dakota and Pictured Cliffs formations is approximately 952 psi and 655 psi, respectively.

(10) There is sufficient pressure data available within the San Juan 29-7 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 29-7 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 29-7 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 29-7 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 29-7 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 29-7 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 29-7 Unit Area will benefit working, royalty, and overriding royalty interest owners. In addition, the downhole commingling of wells within the San Juan 29-7 Unit should not violate the correlative rights of any interest owner;

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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 29-7 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 29-7 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 29-7 Unit, San Juan County, New Mexico, is hereby approved.

(2) Upon filing of Division Form No. C-107-A's for wells subsequently downhole commingled within the San Juan 29-7 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 29-7 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 29-7 Unit of such proposed commingling.

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(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 WILLIAM J. LEMAY Director

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