DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

811 South First St., Artesia, NM 88210-2835

1000 Rio Brazos Rd, Aztec, NM 87410-1693

DISTRICT III

Burlington Resources Oil and Gas

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

APPLICATION FOR DOWNHOLE COMMINGLING

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

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

APPROVAL PROCESS:

X Administrative ___Hearing

EXISTING WELLBORE

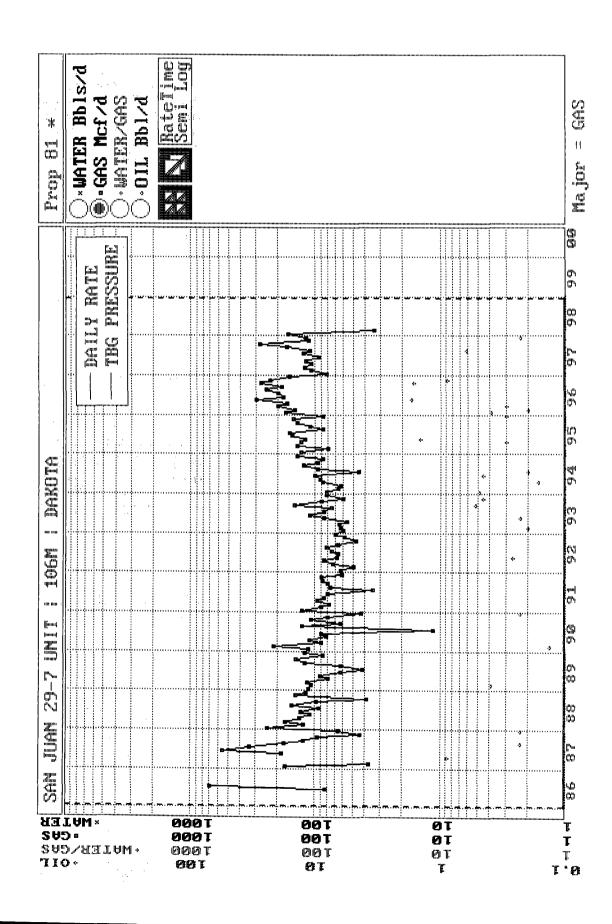
X_YES __NO

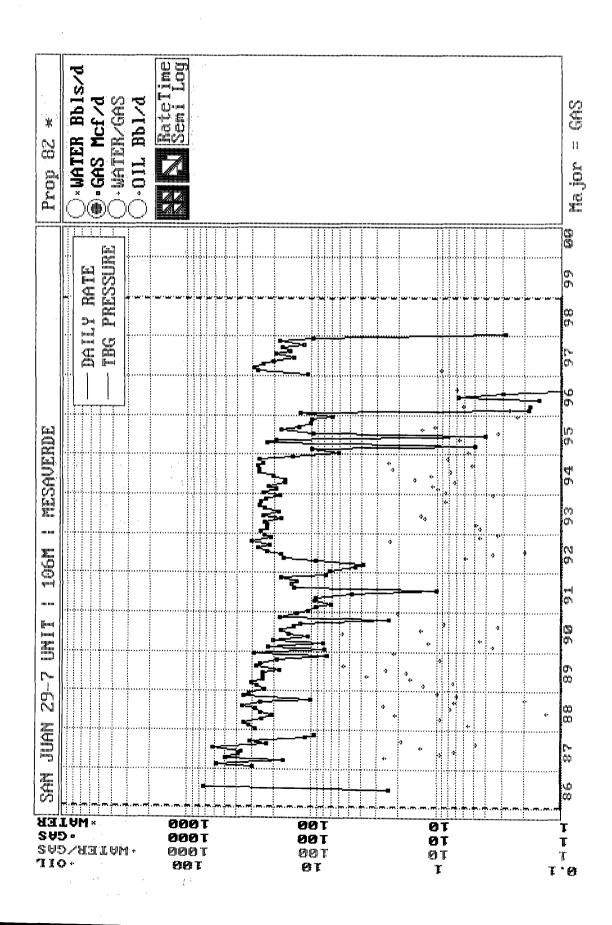
San Juan 29-7 Unit #	106M C-36-29N Well No. Unit Ltr Sec -	ſwp - Rge	County
GRID NO. <u>14538</u> Property Co	de7465 API NO		alx _ , State <u>X</u> , Fee
The following facts are submitted on support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Mesaverde - 72319		Dakota - 71599
2. Top and Bottom of Pay Section (Perforations)	5186'-6064'		7767'-7956'
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. 554 psi (see attachment)		a. 551 psi (see attachment)
Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Original) b. 730 psi (see attachment)		b. 2715 psi (see attachment)
6. Oil Gravity ([°] API) or Gas BTU Content	BTU 1095		BTU 1127
7. Producing or Shut-In?	Shut-In		Producing
Production Marginal? (yes or no)	Yes		No
th 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 belimates and supporting data	Date: 1/98 Rates: 14.5 mcfd		Date: N/A Rates:
* If Producing, give data and oil/gas/water water of recent test (within 60 days)	Date: Rates:		Date: 2/98 Rates: 37 mcfd 0 bopd
8. Fixed Percentage Allocation Formula -% for each zone (total of %'s to equal 100%)	Will be supplied upon completion.		Will be supplied upon completion.
0. Are all working, overriding, and If not, have all working, overric Have all offset operators been	d royalty interests identical in a ling, and royalty interests been given written notice of the pro	II commingled zones? notified by certified mail? cosed downhole comming	
			ns not be damaged, will any cross-flow (If No, attach explanation)
Are all produced fluids from allWill the value of production be	•		_Yes No attach explanation)
•	-		ner of Public Lands or the United Stat
5. NMOCD Reference Cases for R	ule 303(D) Exceptions: ORDE	R NO(S). # R-10697	
6. ATTACHMENTS: * C-102 for each zone * Production curve for * For zones with no pr * Data to support allor * Notification list of all * Notification list of we * Any additional states	to be commingled showing its a each zone for at least one yea oduction history, estimated procession method or formula. I offset operators. orking, overriding, and royalty ments, data, or documents requ	spacing unit and acreage r. (If not available, attach duction rates and suppor interests for uncommon in lired to support comming	
hereby certify that the inform	nation above is true and co	omplete to the best of	
SIGNATURE J. Jom Jo	velTITLE	Engineer I	DATE04-20-98

TYPE OR PRINT NAME L. Tom Loveland TELEPHONE NO. (_505_) __326-9700____

MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATIO. LAT

		All distances must be	from the outer boundaries	of the Section.		
Operator			Loasé		Į.	Il Na.
<u> </u>	NATURAL GAS C		SAN JUAN 2		(E-5111-4)	106M
Unit Letter C	Section 36	Township 29N	Range 7W	County	Arriba	•
Actual Footage Loc		1			1123 230	
990	feet from the	North line and	1650 ₁₀	et from the	West line	
Ground Level Elev: 67161	1	mation erde/Dakota	Blanco/Ba	sin	320/32	
2. If more t	nan one lease is		well by colored pencilell, outline each and id			•
3. If more th	communitization,	unitization, force-poo	s dedicated to the well ling. etc? of consolidation			ers been consoli-
If answer this form i	is "no." list the f necessary.)ble will be assign	owners and tract des	scriptions which have all interests have been ard unit, eliminating s	actually bee	n consolidated. (Us	tion, unitization,
					CERTIF	ICATION
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					Position El Paso Na	
	i I		1		Company //-/5	_
	i I	ec.) † 		Date	<i>,</i> 3
Fd.		36	NON THE NON	/ 2 1 19 5	notes of actual sur	vas plotted from field veys made by me ar in, and that the same t to the Eest of my
			 	. — —	9-26- Date Surveyed N W William E. M	5+2/20
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		la: 1"=1000!	<u> </u>		Certificate 110 81,60	·

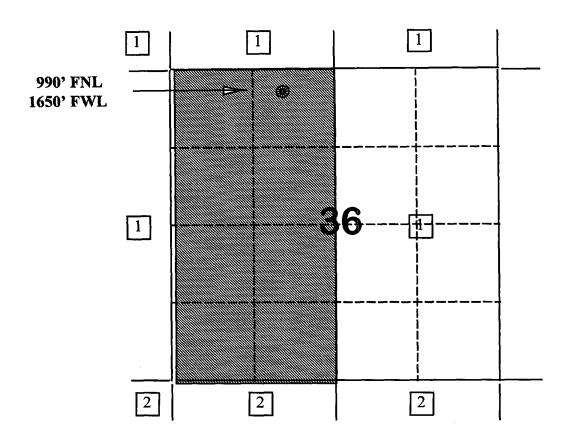




BURLINGTON RESOURCES OIL AND GAS COMPANYSan Juan 29-7 Unit #106M

OFFSET OPERATOR/OWNER PLAT Mesaverde / Dakota Formations Commingle Well

Township 29 North, Range 7 West



- 1) Burlington Resources
- 2) Conoco, Inc. 10 Desta Drive, Suite 100W Midland, TX 79705-4500

DATE IN /2/	198	SUSPENSE/	198	ENGINEER DC	LOGGED M	TYPE DHC
	- `		/			-

NEW MEXICO OIL CONSERVATION DIVISION

Date

		- Engineering Bureau -
,		ADMINISTRATIVE APPLICATION COVERSHEET
		ET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS
Applic :	[PC-Po	[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] hhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] of Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] lified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]	TYPE OF AI [A]	PPLICATION - Check Those Which Apply for [A] Location - Spacing Unit - Directional Drilling NSL NSP DD DSD
	Check [B]	One Only for [B] and [C] Commingling - Storage - Measurement DHC CTB PLC PC COLSERVATION DIVISION COMMISSION C
	[C]	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery □ WFX □ PMX □ SWD □ IPI □ EOR □ PPR
[2]	NOTIFICAT [A]	TON REQUIRED TO: - Check Those Which Apply, or ☐ Does Not Apply ☐ Working, Royalty or Overriding Royalty Interest Owners
-	[B]	Offset Operators, Leaseholders or Surface Owner
	[C]	☐ Application is One Which Requires Published Legal Notice
	[D]	Notification and/or Concurrent Approval by BLM or SLO U.S. Burbau 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]	☐ Waivers are Attached
[3]	INFORMAT	ION / 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 an Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative all interest (V se to have the

RI, ORRI) is common.		y knowledge and where applicable, verify that a ssion of data, information or notification is cause.
Peggy Bradfield	Note: Statement must be comp	leted by an individual with supervisory capacity. Regulatory/Compliance Administrator
Print or Type Name	Signature	Title
	4	

San Juan 29-7 Unit #106M Bottom Hole Pressures Flowing and Static BHP

Cullender and Smith Method

Version 1.0 1/14/98

Mesaverde	Dakota
MV-Current	DK-Current
GAS GRAVITY 0.699 COND. OR MISC. (C/M) C %N2 0.17 %CO2 0.86 %H2S 0 DIAMETER (IN) 7 DEPTH (FT) 5625 SURFACE TEMPERATURE (DEG F) 60 BOTTOMHOLE TEMPERATURE (DEG F) 144 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 480	GAS GRAVITY 0.661 COND. OR MISC. (C/M) C %N2 0.14 %CO2 1.16 %H2S 0 DIAMETER (IN) 2.375 DEPTH (FT) 7862 SURFACE TEMPERATURE (DEG F) 60 BOTTOMHOLE TEMPERATURE (DEG F) 177 FLOWRATE (MCFPD) 0 SURFACE PRESSURE (PSIA) 460
DATE IN 4/21/98 SUSPENSE 5/1/98 ENG	NAMEER DC LOGGED M TYPE DHC
THIS COVERSHEET IS MANDATORY FOR ALL ADMINIST Application Acronyms:	TRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS
INSP-Non-Standard Pro	oration Unit NSL-Non-Standard Location
(SWD-Salt Water Dist	rilling] (SD-Simultaneous Dedication) TB-Lease Commingling] (PLC-Pool/Lease Commingling) - Off-Lease Storage) (OLM-Off-Lease Measurement) ion) (PMX-Pressure Maintenance Expansion) uposall (IPI-Injection Pressure Increase)
[DD-Directional Dr [DHC-Downhole Commingling] [CT [PC-Pool Commingling] [OLS - [WFX-Waterflood Expansion [SWD-Salt Water Display [EOR-Qualified Enhanced Oil Recovery]	rilling] (SD-Simultaneous Dedication) TB-Lease Commingling] (PLC-Pool/Lease Commingling) - Off-Lease Storage] (OLM-Off-Lease Measurement) ion) [PMX-Pressure Maintenance Expansion) sposal] (IPI-Injection Pressure Increase) very Certification] (PPR-Positive Production Response)
[DD-Directional Dr [DHC-Downhole Commingling] [CT [PC-Pool Commingling] [OLS - [WFX-Waterflood Expansion [SWD-Salt Water Display [EOR-Qualified Enhanced Oil Recovery] [1] TYPE OF APPLICATION - Check	rilling] (SD-Simultaneous Dedication) TB-Lease Commingling] (PLC-Pool/Lease Commingling) - Off-Lease Storage] (OLM-Off-Lease Measurement) ion) [PMX-Pressure Maintenance Expansion) sposal] (IPI-Injection Pressure Increase) very Certification] (PPR-Positive Production Response)
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I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules an 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 (V 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.

Date

Peggy Bradfield Regulatory/Compliance Administrator

Print or Type Name Signature Title

Page No.: 2
Print Time: Wed Apr 08 12:53:21 1998
Property ID: 82
Property Name: SAN JUAN 29-7 UNIT | 106M | MESAVERDE Table Name: S:\ARIES\78LTL\TEST.DBF

DATE	CUM_OIL-	CUM_GAS	M_SIWHP	
	Bbl	Mcf	Psi	
				,
02/13/86		0	630.0	original
08/04/86		22992	569.0	J
09/03/87		128935	507.0	
10/04/88		217526	492.0	
04/10/89		270723	492.0	
02/18/91		381131	530.0	
07/29/91		390920	542.0	
05/31/93		515484		Current

Page No.: 1

Print Time: Wed Apr 08 12:53:21 1998

Property ID: 81
Property Name: SAN JUAN 29-7 UNIT | 106M | DAKOTA
Table Name: S:\ARIES\78LTL\TEST.DBF

	M_SIW <u>HP</u> Psi	CUM_GAS Mcf	CUM_OIL- Bbl	DATE
Original	2197.0	0		02/06/86
_	1453.0	24024		08/04/86
	662.0	72598		09/03/87
	581.0	118669		10/04/88
	615.0	177911		04/22/90
Current	460.0	259817		03/05/93

•

FARMINGTON 1998 MONTHLY PRODUCTION FOR 54475A

PHS030M1

SAN JUAN 29-7 UNIT 106M

BLANCO MESAVERDE (PRORATED GAS FIELD MESAVERDE ZONE

PF10 - HELP INFORMATION

PF9 - DISPLAY MONTHLY INJECTION

	DAYS	=====	OIL ===	====	===:	====	=====	GAS	=====	======			
MO T S	ON	PC	PROD	GRV	PC		PROD	ON	BTU	PRESS	WATER	PROD	С
1 2 S	6	02			01	,	87	6	1095	15.025			
2 2 S		02			01					15.025			
3							07 -	. / =	1115	C 1			
4							81 .	6 -	14.5	mctd			
5													
6													
7													
8													
9													
10							•			•			
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12									• .				

PF6 - RETURNS TO ANNUAL DISPLAY PF3 - TRANSFER TO UPDATE

00/00/00 00:00:00:0 PRS 04/03/98

FARMINGTON 1998 MONTHLY PRODUCTION FOR 1792

PHS030M1

SAN JUAN 29-7 UNIT 106M

BASIN DAKOTA (PRORATED GAS) FIELD DAKOTA ZONE

	DAYS ==	==== OIL ===	====	=======	====	GAS :	=====	======			•
MO T S	ON PC	PROD	GRV	PC	PROD	ON	BTU	PRESS	WATER	PROD	С
1 2 F	26 02	1		01	5098	26	1127	15.025			Ŭ
2 2 F	28 02			01	1030	28	1127	15.025			
3					1030	- 2C -	= 3/- 5	Rmcld			
4					10,50,	σ . 0		, incopio			
5											
6											
7											
8											
9								•			
10											
11											
12											

PF6 - RETURNS TO ANNUAL DISPLAY PF10 - HELP INFORMATION

PF3 - TRANSFER TO UPDATE
PF9 - DISPLAY MONTHLY INJECTION

00/00/00 00:00:00:0 PRS 04/03/98

	67 ♡	75A ❤	73 \$		61	65A ₩
53 ₩	58A ₩	72 ♥	138	69 \$	5A ₩	63 ₿
	2€ 58 ©	123M EE 123	74 \$	139	5 &	Ø 63A ⊕
	70A	SAN 30 30 ∰	E	-7 #10 105 ⊠ 55 [©]		53 ₩
	70 70€ 3	5 30A 88	106 ₩ 68	551 ©	A 105 ¹ 51	1 53A ❤
	74 1 1 247	74A ��	218 55 ⊠ 12		184 ¹² ⊠ ® 7	12A �
2	33M 88233 23	33E ²⁴	56A ⊕ 16	33 34 ⊠ ♥	28A ©	2 212

PLH 12/11/97

SAN JUAN 29-7 #106M SEC. 36 T29N, R7W MESAVERDE/DAKOTA

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:

"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:
 - 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 29-7 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 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:

- 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.

(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

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