DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980
DISTRICT II

State of New Mexico Energy, Minerals and Natural Resources Department Form C-107-A New 3-12-96

OIL CONSERVATION DIVISION

APPLICATION FOR DOWNHOLE COMMINGLING

APPROVAL PROCESS :

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

X Administrative ___Hearing EXISTING WELLBORE

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410-1693

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

__YES __x_NO

Discrete Production Marginal? (yes or no) 1. Short and oligoalwater rates of related test within 50 days) 1. Freed Percentage Allocation Freedom of Short and Short	rlington Resources Oil & C		Address		armington, NM 8749
RID NO_14536Property Code7460API NO_30-039-25626Federal K Stateination*Fee	n Juan 28-5 Unit	41 M	D 32-28-5	Rio Arril	oa
RID NO. 14538 Property Code 7460 API NO. 30-039-25626 Federal X. State Invalori Fee Infaltrating the sea submitted amproprior of device automatical and approprior of device and support of device and	10	Well No.	Unit Ltr Sec - Twp - Rge		•
Pool Name and Code Concentration Code Concentration Code Cod	RID NO14538 Property (Code7460 API NO	30-039-25626	• •	
Pool grant and Bottom of Profunctions will be supplied upon completion completion progress of production (Perforations) will be supplied upon completion completion progress of production (Perforations) production produc	he following facts are submitted n support of downhole ommingling:				
Open as Completion (Perforations) 1. Type of groduction (Polin of Gas) 1. Might of Production (Production (Produ	. Pool Name and Pool Code	Blanco Mesaverde - 723	19 口戶魚門	Basin N// E D	Dakota - 71599
Method of Production Flowing F	. Top and Bottom of Pay Section (Perforations)	will be supplied upon completion	WEVE:		
Memory or Archicial Lift Clurrent	3. Type of production (Oil or Gas)	gas	ULI MAR 3 I	gas	
a. 614 pai (see attachment) Di Zones - Artificial Lift: Sas & OI - Flowing Gurrent Sas & OI - Flowing	4. Method of Production (Flowing or Artificial Lift)	flowing		10 DIVo flowin	9
Estimated Current Il Gas Zones: sulmated or Measured Original 3. Oil Gravity (*API) or Gas BTU content 7. Production Marginal? (yes or no) 18 Shut-In and oil/gas/water rates of last production 19 Shut-In and oil/gas/water rates of last production 10 Shut-In and oil/gas/water rates of last production and shut-In and oil/gas/water rates of last production of shut-In and oil/gas/water water of recent test (within 60 days) 10 Shut-In and oil/gas/water rates of last production of shut-In and oil/gas/water water of recent test (within 60 days) 10 Shut-In and oil/gas/water rates of last production of shut-In and oil/gas/water water of recent test (within 60 days) 10 Shut-In and oil/gas/water rates of last production of shut-In and oil/gas/water rates of last production of shut-In and oil/gas/water rates of last production of shut-In and oil/gas/water rates of last production formula is based upon something other than current or past production, or is based upon some other method, attachments with supporting data and/or explaining and providing rate projections or other required data. 10 Are all working, overriding, and royalty interests identical in all commingled zones? 11 All costin formula is based upon some other method, attachments with supporting data. 12 Are all produced fluids from all commingled zones ompatible with each other? 13 Yes	5. Bottomhole Pressure Oil Zones - Artificial Lift:	(Current) a. 614 psi (see attachm	ent) a.	a. 101	0 psi (see attachment)
BTU 1039 Shut in Production Marginal? (yes or no) If Shut-In and oiligas/water rates of last production of last production and production are production and production and production and production are production and production and production and production and production are production and production are production and production and production and production and production are production and production and production are production by an analysis of production and production and production and production are production by an analysis of production and production by an analysis of production and production by analysis of production and production a	Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones:	(Original) b. 1238 psi (see attachi	nent) b.	b. 309	91 psi (see attachment)
7. Production Marginal? (yes or no) 1. If Shut-In and oil/gas/water rates of last production for last production and production for last producti	6. Oil Gravity (°API) or	BTU 1182		вти 1	1039
If Shut-In and oil/gas/water rates of last production Date: n/a Rates: Date: n/a R	7. Producing or Shut-In?	shut in		shut ir	1
of last production Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). Reference Order Response to the story or production with support and the story of the	Production Marginal? (yes or no)	no			
Date: n/a Rates: Rates: Rates: Rates: Date: n/a Rates: Rates: Date: n/a Rates: Rates: Rates: Date: n/a Rates: Date: n/a Rates: Rates: Date: n/a Rates: Date: n/a Rates: Date: n/a Rates:				1	n/a
## Rates:				Date	nia
8. Fixed Percentage Allocation Formula % for each zone (total of %'s to equal 100%) 1. If allocation formula is based upon something other than current or past production, or is based upon some other method, attachments with supporting data and/or explaining method and providing rate projections or other required data. 1. Are all working, overriding, and royalty interests identical in all commingled zones? 1. If not, have all working, overriding, and royalty interests been notified by certified mail? 1. Will cross-flow occur?x Yes No	* If Producing, give data and oil/gas/water water of recent test (within 60 days)				
1. If allocation formula is based upon something other than current or past production, or is based upon some other method, attachments with supporting data and/or explaining method and providing rate projections or other required data. 1. Are all working, overriding, and royalty interests identical in all commingled zones? Yes XNO If not, have all working, overriding, and royalty interests been notified by certified mail? Yes XNO Have all offset operators been given written notice of the proposed downhole commingling? XYes NO 1. Will cross-flow occur? XYes NO If yes, are fluids compatible, will the formations not be damaged, will any cross production be recovered, and will the allocation formula be reliable. XYes NO (If No, attach explanation) 2. Are all produced fluids from all commingled zones compatible with each other? XYes NO 3. Will the value of production be decreased by commingling? Yes XNO (If Yes, attach explanation) 4. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States of Land Management has been notified in writing of this application. XYes NO 5. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). Reference Order R-10695 attached 6. 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. ** 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.	8. Fixed Percentage Allocation Formula -% for each zone	Oil: Gas: %	Oil:	Gas: % Oil:	Gas: %
O. 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? No 1. Will cross-flow occur? YesNo If yes, are fluids compatible, will the formations not be damaged, will any cross production be recovered, and will the allocation formula be reliable. YesNo If No, attach explanation) 2. Are all produced fluids from all commingled zones compatible with each other? No 3. Will the value of production be decreased by commingling? Yes _X_No (If Yes, attach explanation) 4. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States of Land Management has been notified in writing of this application. No No No No No No No No No N	(total of %'s to equal 100%)	will be supplied upon complete	ion	will be	supplied upon completion
4. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States of Land Management has been notified in writing of this applicationX_Yes No 5. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S)Reference Order R-10695 attached 6. 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. * Notification list of all offset operators. * 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. * hereby certify that the information above is true and complete to the best of my knowledge and belief.	O. Are all working, overriding, and If not, have all working, overriding, and Have all offset operators been Output Description: Will cross-flow occur? _x_ production be recovered, and produced fluids from all will the value of production be	d royalty interests identicating, and royalty interests given written notice of the Yes No If yes, are will the allocation formula commingled zones compidecreased by commingling in the same commingling in the commingling in the commingling in the comming in	al in all commingled zor been notified by certifie e proposed downhole of fluids compatible, wil a be reliablex Yes atible with each other? g?Yes _X_ No	nes?Y ied mail?Y commingling?X_Y If the formations not be of sNo (If No, attach ofX_YesNo (If Yes, attach explanation)	es _x_No es _x_No es _x_No damaged, will any cross- explanation)
* 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. * December certify that the information above is true and complete to the best of my knowledge and belief.	4. If this well is on, or communit of Land Management has been	ized with, state or federa notified in writing of this a	ıl lands, either the Cor applicationXYes	mmissioner of Public Lar No	ds or the United States
* Any additional statements, data, or documents required to support commingling. bereaty certify that the information above is true and complete to the best of my knowledge and belief.					cned
hereby certify that the information above is true and complete to the best of my knowledge and belief.	6. ATTACHMENTS: * C-102 for each zone * Production curve fo * For zones with no p	to be commingled showing reach zone for at least of roduction history, estimat scation method or formula ill offset operators.	ng its spacing unit and ne year. (If not availabled production rates an byalty interests for unco	acreage dedication. le, attach explanation.) ld supporting data. ommon interest cases. commingling.	
SIGNATURE Sean Waker ton TITLE_Production EngineerDATE 3/27/97	* Data to support allo * Notification list of a * Notification list of w * Any additional state	ments, data, or documen	ts required to support		
NICHALUNE // OFFI COUNTY LEON - III LE_II VARIOUS	* Any additional state	mation above is true a	and complete to the	best of my knowledge	and belief.

District i
PO Box 1980, Hobbs, NM 28241-1980
District iI
PO Drawer DD, Artesia, NM 28211-0719
District iII
1000 Rio Brazza Rd., Aztor, NM 27410

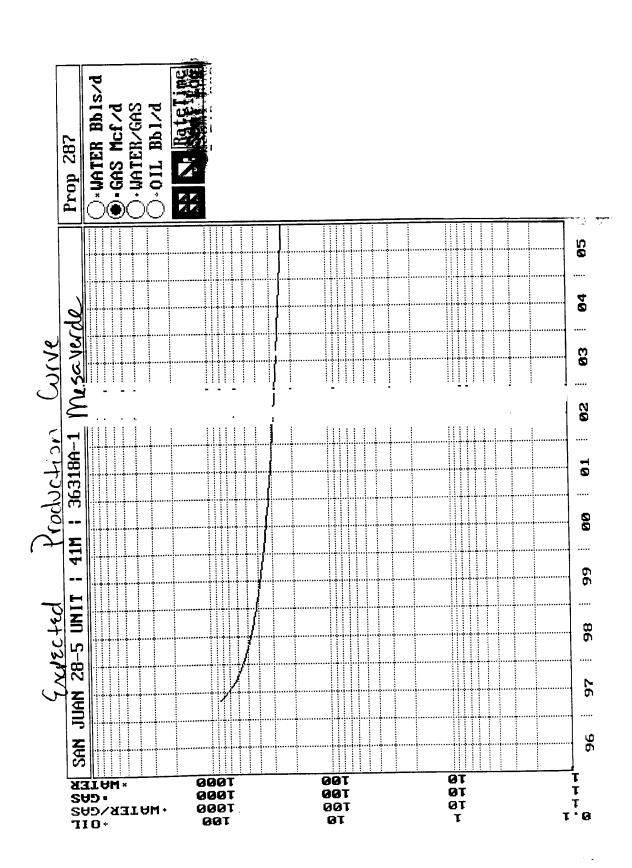
State of New Mexico Energy, Minerous & Natural Resourcess Department

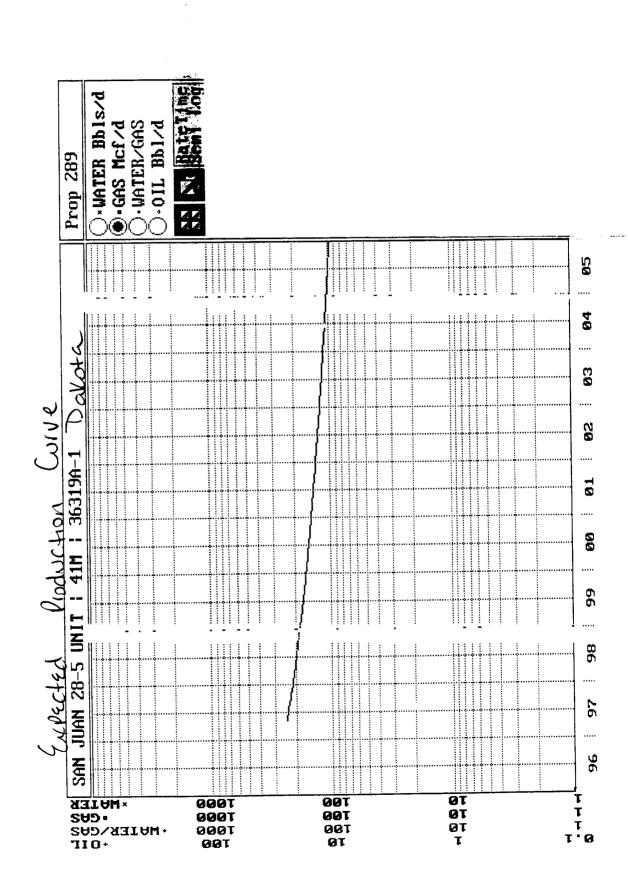
Form C-102 Revised February 21, 1994 Instructions on back Submit to Appropriate District Office

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

State Lease - 4 Copie: Fee Lease - 3 Copie:

District iV AMENDED REPORT PO Box 2008, Santa Fe. NM 87504-2088 WELL LOCATION AND ACREAGE DEDICATION PLAT Poel Code API Number | Blanco Mesaverde/Basin_Dakota 72319/71599 30-039-· Well Number * Property Code 41M San Juan 28-5 Unit 7460 Operator Name 6422' OGRID No. BURLINGTON RESOURCES OIL & GAS COMPANY 14538 10 Surface Location North/South line Feet from the East/West line Feet from the Lot Ida Township UL or lot Be. R.A. West North 950 28-N 32 11 Bottom Hole Location If Different From Surface North/South tine Feet from the Lot Ida UL or lot se. ridation Code | 15 Order No. 13 Dedicated Acres 13 Joint or Infill 4 Com N/320NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED M / 3 2 0 OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION 17 OPERATOR CERTIFICATION 5280.00° 16 I hereby cerufy that the information on true and complete to the best of my know 950 Gradhuld 1070 SF- 0795Z1 Peggy Bradfield Regulatory Administrator Tille "SURVEYOR CERTIFICATION was pioused from field notes of act m, and that the sa 10/25/96 Z 4 5280.00



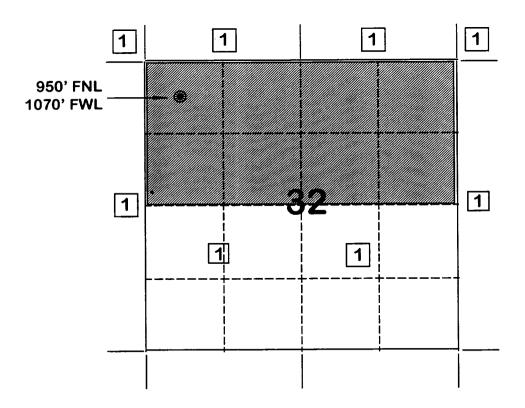


BURLINGTON RESOURCES OIL AND GAS COMPANY

San Juan 28-5 Unit #41M OFFSET OPERATOR \ OWNER PLAT

Mesaverde/Dakota Formations Commingle Well

Township 28 North, Range 5 West



1) Burlington Resources Oil and Gas Company

FLOWING AND STATIC BHP CULLENDER AND SMITH METHOD

GAS GRAVITY	0.691
COND. OR MISC. (C/M)	С
%N2	0.19
%CO2	0.87
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	5670
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	150
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	532
BOTTOMHOLE PRESSURE (PSIA)	613.6

FLOWING AND STATIC BHP CULLENDER AND SMITH METHOD

GAS GRAVITY	0.691
COND. OR MISC. (C/M)	C
%N2	0.19
%CO2	0.87
%H2S	0
DIAMETER (IN)	2.375
DEPTH (FT)	5670
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	150
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1059
BOTTOMHOLE PRESSURE (PSIA)	1238.1

FLOWING AND STATIC BHP CULLENDER AND SMITH METHOD

GAS GRAVITY	0.604
COND. OR MISC. (C/M)	С
%N2	0.14
%CO2	1.28
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	7865
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	200
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	854
BOTTOMHOLE PRESSURE (PSIA)	1009.8

FLOWING AND STATIC BHP CULLENDER AND SMITH METHOD

GAS GRAVITY	0.604
COND. OR MISC. (C/M)	С
%N2	0.14
%CO2	1.28
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	7865
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	200
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	2583
BOTTOMHOLE PRESSURE (PSIA)	3091.3

Page No.: 2

Print Time: Wed Mar 26 11:11:01 1997

JJ 23-5#41M

Property ID: 3953

Property Name: SAN JUAN 28-5 UNIT | 41 | 53419A-1

Table Name: K:\ARIES\RR97PDP\TEST.DBF

mesoverde offspt

--DATE-- ---CUM GAS-- M SIWHP Mcf.....Psi

1059.0€ Original 05/21/60 1058.0 07/15/60 752.0 11/06/60 64000 06/13/61 142000 765.0 11/02/62 270000 680.0 05/06/63 313000 735.0

10/07/64 427000 800.0 12/06/65 577000 682.0

685.0 10/31/66 685000 749000 689.0

05/26/67 05/20/68 849000 701.0

602.0 05/15/69 963000 564.0 06/19/70 1086757

04/27/71 529.0 1181986 506.0 05/15/72 1313431

07/05/73 1471211 418.0 382.0 04/19/74 1568197

427.0 08/17/76 1786915

08/02/78 1977038 473.0 06/04/80 2134051 440.0

11/08/82 516.0 2308378 469.0 05/01/84 2377015

580.0 04/16/86 2446218

09/20/89 2602729 347.0

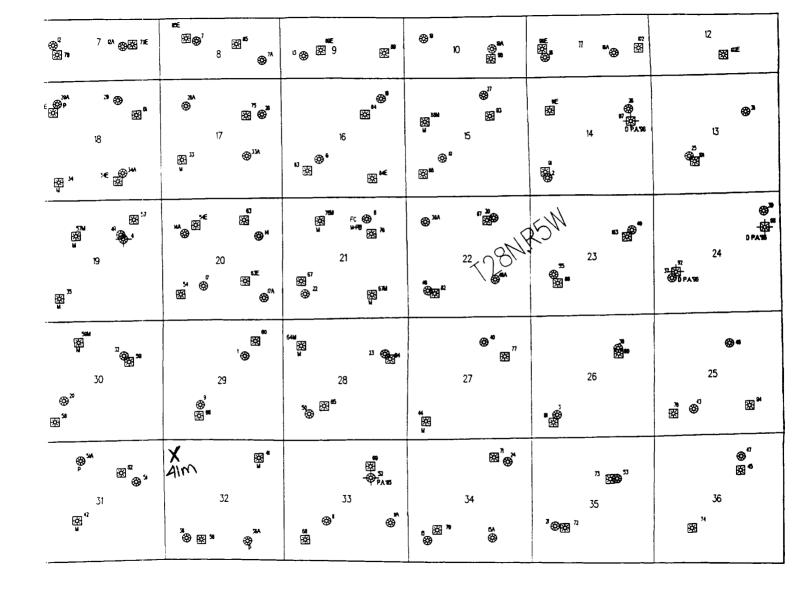
520.0 06/05/91 2698620 06/21/91 2698620

532.0 Carrent

Page No.: 1

Property Name: SAN JUAN 28-5 UNIT | 41 | 53419B-1 Davota Offset Table Name: K:\ARIES\RR97PDP\TEST.DRF

DATE	CUM_GAS	M SIWHP Psi	
05/21/60 07/08/60 11/06/60	0 0 59000	2582.0 1935.0	- Or Sinal
06/13/61 11/12/62 08/02/63	178000 377000 441000		
04/22/64 04/21/65 05/26/67	489000 701000 1038000	1839.0 1431.0 929.0	
05/20/68 05/23/69 06/19/70	1204000 1330073 1470881		
04/27/71 05/15/72 07/05/73	1570841 1701788 1816529	941.0 959.0 752.0	
04/30/75 06/01/77 05/01/79	1965280 2112159 2204770	741.0 637.0 542.0	
05/04/81 09/19/83 05/17/85	2312259 2391405 2470903	507.0 6 45 .0	
10/23/88 07/31/90	2556849 2611234	942.0	- wrent



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:

- (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 commingie (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 23-5 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:
 - 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:

- 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 commingtings 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 comminging 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.

- (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

WILLIAM J. LEMAY

Director

S E A L