

BURLINGTON RESOURCES

SAN JUAN DIVISION

December 16, 1996

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

RECEIVED
DEC 18 1996

OIL CON. DIV.
DIST. 3

Re: Johnston A Com G #17 *A*
800'FNL, 1080'FEL Section 36, T-26-N, R-06-W, Rio Arriba County, NM
API #30-039-20767

Dear Mr. LeMay:

This is a request for administrative approval for downhole commingling the Blanco Mesa Verde, Ensenada Gallup and Basin Dakota pools in the subject well. This well was originally drilled as a single Dakota. The Mesa Verde and Gallup pools were opened in 1996.

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 the Dakota;
4. Notification list of offset operators;
5. Shut in wellhead pressure and calculated down hole pressure;
6. Nine-section plats for the Mesa Verde, Gallup and Dakota.

If you are a working, overriding or royalty interest owner in either of the above described pools, you are being notified of this application as a requirement of the New Mexico Oil Conservation Division Rule #303C. Burlington, as operator, believes this application will be in the best interest of all owners. If you have no objection to this commingling application, you do not have to respond to this notification. Upon establishment of production from this well, you will receive your proportionate share of revenues from the pool in which you own an interest according to the proposed allocation formula. The allocation formula is included showing the calculations.

Please let me know if you require additional data.

Sincerely,



Peggy Bradfield
Regulatory/Compliance Administrator

District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
688 N. Main Rd., Aztec, NM 87410
District IV
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-1
Revised February 21, 19
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-039-20767		Well Code 72319/96321/71599		Well Name Basin Dakota	
Property Code 7207		Property Name Johnston A Com. G		Well Number 17	
OGRID No. 14538		Operator Name MERIDIAN OIL INC.		Elevation 6576'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	36	26 N	6 W		800	North	1080	East	R.A.

11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

12 Dedication Acres
E/320
160 - E/320

13 Joint or Infill
160 - E/320

14 Consolidation Code

15 Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16 Not resurveyed, prepared from a plat dated 5-18-78 by David O. Vilven.

17 OPERATOR CERTIFICATE

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Peggy Bradfield
Signature
Peggy Bradfield
Printed Name
Regulatory Administrator
Title
7-15-96
Date

18 SURVEYOR CERTIFICATE

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by or under my supervision, and that the same is true and correct to the best of my belief.

7-11-96
Date of Survey
Signature
C. E. Edwards
8857
8857
8857

RECEIVED
JUL 6 1996
OIL CON. DIV.
DIST. 3

RECEIVED
DEC 9 1996
OIL CON. DIV.
DIST. 3

RECEIVED
DEC 1 0 1996

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 Department

OIL CONSERVATION DIVISION

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

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

APPROVAL PROCESS :

___ Administrative ___ Hearing

EXISTING WELLBORE

___ YES ___ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil & Gas Company

PO Box 4289, Farmington, NM 87499

Operator

Address

Johnston A Com G

17

A-36-26N-6W

Rio Arriba

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

OGRID NO. 14538 Property Code 7207 API NO. 30-039-20767 Federal , State X, (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	Ensenada Gallup-96321	Basin Dakota - 71599
2. Top and Bottom of Pay Section (Perforations)	5084-5352'	6230-6582'	7098-7357
3. Type of production (Oil or Gas)	Gas	Gas	Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing	Flowing	Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Current) a. 1330 psi	a. 1400 psi	a. 642 psi
	(Original) b. 1330 psi	b. 1400 psi	b. 2933 psi
6. Oil Gravity (°API) or Gas BTU Content	1120	1190	1140
7. Producing or Shut-In?	SI	SI	SI
Production Marginal? (yes or no)	Yes	Yes	No
* 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. * If Producing, give data and oil/gas/water of recent test (within 60 days)	Date: New zone (See attachment) Rates: Mp po: . mp	Date: New zone (See attachment) Rates:	Date: 11-31-95 Rates: 1.8 BOPD, 125 MCFGPD, no wtr
	Date: Rates:	Date: Rates:	Date: Rates:
8. Fixed Percentage Allocation Formula - % for each zone (total of %'s to equal 100%)	Oil: 50 % Gas: 74 %	Oil: 25 % Gas: 10 %	Oil: 25 % Gas: 16 %

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? Yes ___ X ___ No
If not, have all working, overriding, and royalty interests been notified by certified mail? X ___ Yes ___ No
Have all offset operators been given written notice of the proposed downhole commingling? X ___ Yes ___ No

11. 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)

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. NMOC Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). ___ R-10239 ___

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 Peggy Bradfield TITLE Regulatory Administrator DATE 12-11-96

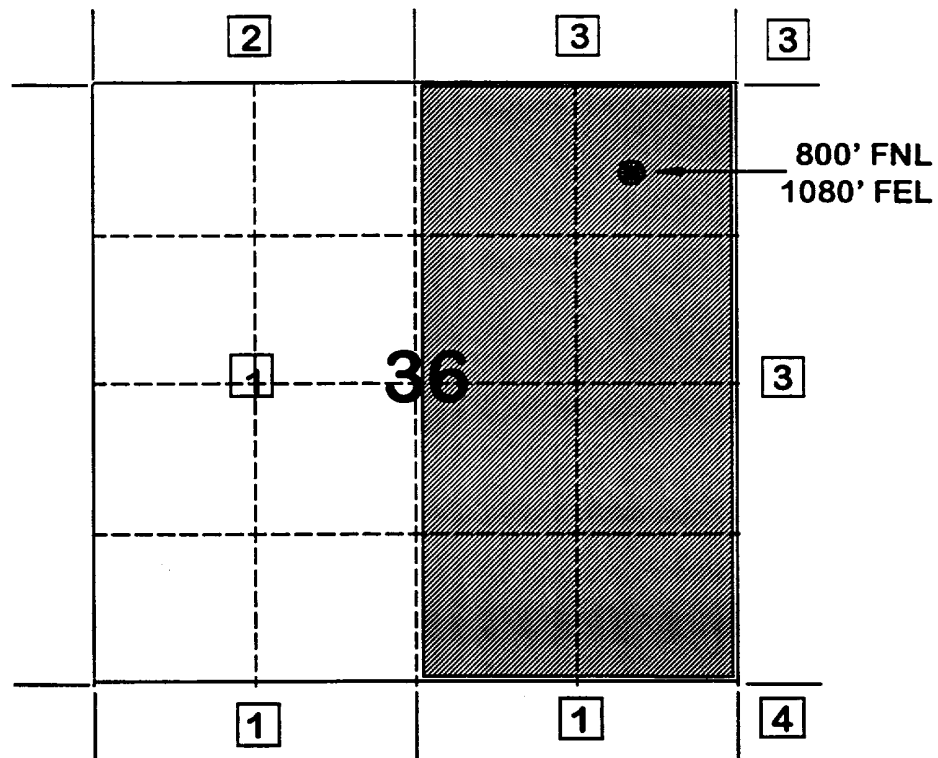
TYPE OR PRINT NAME Peggy Bradfield TELEPHONE NO. (505) 326-9700

BURLINGTON RESOURCES OIL AND GAS COMPANY

**Johnston A Com G #17
OFFSET OPERATOR \ OWNER PLAT**

Gallup (NE/4)/Mesaverde (E/2)/Dakota (E/2) Formations Commingle Well

Township 26 North, Range 6 West



- 1) Burlington Resources Oil and Gas Company Successor to Meridian Oil Inc.
- 2) Caulkins Oil Company
P.O. Box 340
Bloomfield, NM 87413
Caulkins Oil Company
2100 Colorado Bank Building
Denver, CO 80202
- 3) Amoco Production Company
Attn: Bruce Zimney
P.O. Box 800
Denver, CO 80201
- 4) Conoco Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705-4500

DATE: 12/10/96

EL PASO PRODUCTION COMPANY
EXHIBIT 'A'
JOHNSTON A COM G #17
RIO ARRIBA, NEW MEXICO

PAGE 1
PID# 012616803
DO# 814520-00

* OFFICE USE ONLY *
* PC OWNER # *

NAME AND ADDRESS

LSE/ EPPC GAS
TRT INTEREST %

1. 1 013805-01

THEODORE J BLECHAR EXECUTOR
MARGARET ESTELLE BLECHAR ESTAT
138 LA CANADA WAY
SANTA CRUZ, CA 95060
SSN OR TAX ID: 050-20-9179

B 0.004630 ORRI
B 0.023148 ORRI
TOTAL 0.027778

2. 1 013806-01

MARTHA LOU DIXON
311 TAGGARD
BURNET, TX 78611
SSN OR TAX ID: 450-30-4495

B 0.023148 ORRI
B 0.010417 ORRI
B 0.052083 ORRI
B 0.004630 ORRI
TOTAL 0.090278

3. 1 017410-01

ANITA BRIGGS
712 RALEIGH ST
OXFORD, NC 27565
SSN OR TAX ID: 457-54-4267

B 0.010416 ORRI
B 0.052084 ORRI
B 0.023148 ORRI
B 0.004630 ORRI
TOTAL 0.090278

4. 1 038375-01

STATE OF NEW MEXICO
PO BOX 1148
SANTA FE, NM 87501
SSN OR TAX ID: 85-6000565

A 3.125000 R1
B 1.562500 R1
B 7.812500 R1
TOTAL 12.500000

5. 1 040905-01

ROBERT W SMITH & THELMA W
SMITH CO-PERS REPS
DAVID B GARTNER EST
PO BOX 1034
PAGOSA SPRINGS, CO 81147
SSN OR TAX ID: 525-36-9095

B 0.025000 ORRI
B 0.125000 ORRI
TOTAL 0.150000

6. 1 057790-01

MATIAS A & EMELINE L ZAMORA
REVOCABLE TRUST U/I/A 2/5/91
2862 PLAZA AMARILLA
SANTA FE, NM 87505
SSN OR TAX ID: 525-46-7286

B 0.031250 ORRI
B 0.006250 ORRI
TOTAL 0.037500

7. 1 075355-01

PEARL W SIEGENTHALER
PO BOX 1020
ARTESIA, NM 88211
SSN OR TAX ID: 525-03-8115

B 0.003472 ORRI
B 0.017361 ORRI
TOTAL 0.020833

8. 1 078576-01

THEODORE J BLECHAR
138 LA CANADA WAY
SANTA CRUZ, CA 95060
SSN OR TAX ID: 050-20-9179

B 0.010417 ORRI
B 0.052083 ORRI
TOTAL 0.062500

9. 1 101191-02

H LIMITED PARTNERSHIP
PO BOX 2185
SANTA FE, NM 87504
SSN OR TAX ID: 85-0436556

B 0.333333 ORRI
B 0.003472 ORRI
B 1.666667 ORRI
B 0.017361 ORRI
TOTAL 2.020833

10. 1 999021-01

BURLINGTON RESOURCES O&G CO
801 CHERRY ST
FORT WORTH , TX 76102
SSN OR TAX ID: 41-1400579

**** DIVISION ORDER TOTAL ---->

A	21.875000	WI
B	10.100000	WI
B	52.604167	WI
B	0.420833	WI
TOTAL	85.000000	

100.000000

DATE: 12/10/96

MERIDIAN OIL INC.

DOS722NB

D/O NUM PROD DP NUM WELL NAME/OPERATOR

DIVISION ORDER WITH BEARER CODE
V BASE FILE

PROPERTY

ST COUNTY

PAGE: 1

81452000 GAS 43941A JOHNSTON A COM G 17
BURLINGTON RESOURCES O&G CO

Y NM4201

012616803

NM RIO ARRIBA

BC: NONE

OWNER OWNER NAME

LR P/S REASON FOR SUSP INT TYPE

BPO %

999021-01 BURLINGTON RESOURCES O&G CO

A PAY	NMI	21.875000
B PAY	NMI	10.100000
B PAY	NMI	52.604167
B PAY	NMI	0.420833
NMI TOTAL ----->		85.000000

BC: 001

BC OWNER

BC %

BC OWNER

BC %

BC OWNER

BC %

999021-01 BURLINGTON RESOURCES 100.000000

OWNER OWNER NAME

LR P/S REASON FOR SUSP INT TYPE

BPO %

038375-01 STATE OF NEW MEXICO

A PAY	RI	3.125000
B PAY	RI	1.562500
RI TOTAL ----->		4.687500

013805-01 MARGARET ESTELLE BLECHAR ESTAT
013806-01 MARTHA LOU DIXON

017410-01 ANITA BRIGGS

040905-01 DAVID GARTNER DECD
057790-01 MATIAS A & EMELINE L ZAMORA TR
075355-01 PEARL W SIEGENTHALER
078576-01 THEODORE J BLECHAR
101191-02 H LIMITED PARTNERSHIP

B PAY	ORRI	0.004630
B PAY	ORRI	0.004630
B PAY	ORRI	0.010417
B PAY	ORRI	0.010416
B PAY	ORRI	0.004630
B PAY	ORRI	0.025000
B PAY	ORRI	0.006250
B PAY	ORRI	0.003472
B PAY	ORRI	0.010417
B PAY	ORRI	0.333333
B PAY	ORRI	0.003472
ORRI TOTAL ----->		0.416667

BC: 002

BC OWNER

BC %

BC OWNER

BC %

BC OWNER

BC %

999021-01 BURLINGTON RESOURCES 100.000000

OWNER OWNER NAME

LR P/S REASON FOR SUSP INT TYPE

BPO %

038375-01 STATE OF NEW MEXICO

B PAY	RI	7.812500
RI TOTAL ----->		7.812500

DATE: 12/10/96

MERIDIAN OIL INC.

DOS722NB

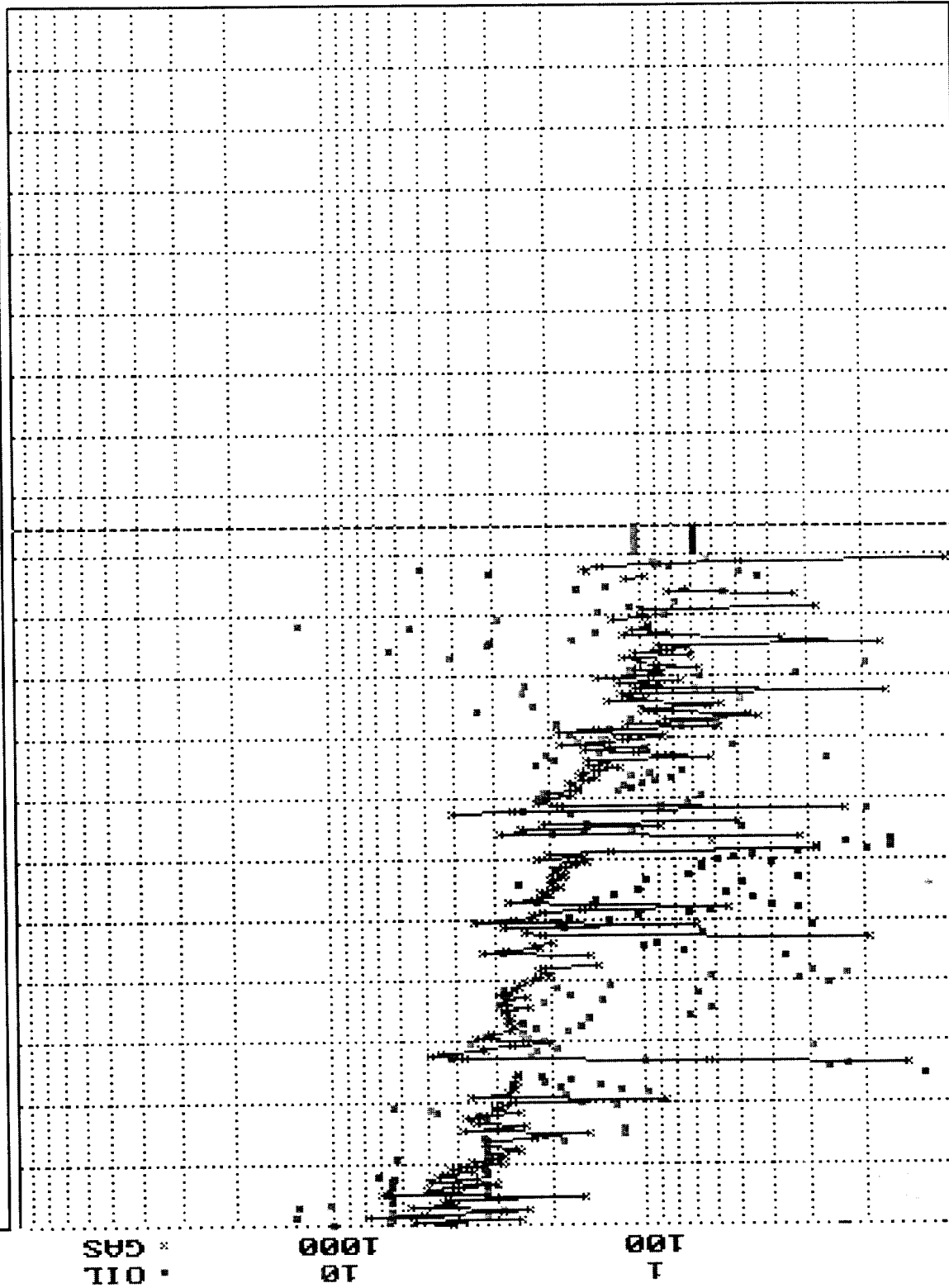
PAGE: 2

D/O NUM PROD DP NUM WELL NAME/OPERATOR DIVISION ORDER WITH BEARER CODE ST COUNTY
81452000 GAS 43941A JOHNSTON A COM G 17 V BASE FILE 012616803 NM RIO ARRIBA
BURLINGTON RESOURCES O&G CO

OWNER	OWNER NAME	LR	P/S	REASON FOR SUSP	INT	TYPE	BPO %
013805-01	MARGARET ESTELLE BLECHAR ESTAT	B	PAY		ORRI		0.023148
013806-01	MARTHA LOU DIXON	B	PAY		ORRI		0.023148
		B	PAY		ORRI		0.052083
017410-01	ANITA BRIGGS	B	PAY		ORRI		0.023148
		B	PAY		ORRI		0.052084
		B	PAY		ORRI		0.125000
040905-01	DAVID GARTNER DECD	B	PAY		ORRI		0.031250
057790-01	MATIAS A & EMELINE L ZAMORA TR	B	PAY		ORRI		0.017361
075355-01	PEARL W SIEGENTHALER	B	PAY		ORRI		0.052083
078576-01	THEODORE J BLECHAR	B	PAY		ORRI		1.666667
101191-02	H LIMITED PARTNERSHIP	B	PAY		ORRI		0.017361
				ORRI TOTAL			2.083333

JOHNSTON A COM G : 17 : 43941A-1

Prop: 37



1976 1978 1980 1982 1984 1986 1988 1990 1992 1994 1996 1998 1999 Major=GAS