

Burlington Resources Oil & Gas Company

PO Box 4289, Farmington, NM 87499

Operator

Address

San Juan 27-4 Unit

49

K 30-27N-04W

Rio Arriba

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO.

14538

Property Code

7452

API NO.

30-039-20835

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	(Current) a. 634 psi (see attachment)	a.	a. 1125 psi (see attachment)
Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	(Original) b. 1372 psi (see attachment)	b.	b. 2942 psi (see attachment)
6. Oil Gravity (API) or Gas BTU Content	BTU 1218		BTU 1134
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	Date: n/a Rates:	Date: Rates:	Date: n/a Rates:
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 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: % 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? ☐_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. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S). attached
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

Wayne Fletcher

TITLE: Production Engineer

DATE: 03-08-99

TYPE OR PRINT NAME: Wayne Fletcher

TELEPHONE NO.: (505) 326-9700

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos 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-10
Revised February 21, 1964
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-039-20835		2 Pool Code 72319/71599		3 Pool Name Blanco Mesaverde/Basin Dakota	
4 Property Code 7452		5 Property Name San Juan 27-4 Unit			6 Well Number 49
7 OGRID No. 14538		8 Operator Name Burlington Resources Oil & Gas Company			9 Elevation 6730 GR

10 Surface Location

UL or lot no. K	Section 30	Township 27N	Range 4W	Lot Idn	Feet from the 1550	North/South line South	Feet from the 1720	East/West line West	County RA
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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
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12 Dedicated Acres MV-W/321 DK-W/321	13 Joint or Infill 56 56	14 Consolidation Code	15 Order No.
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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

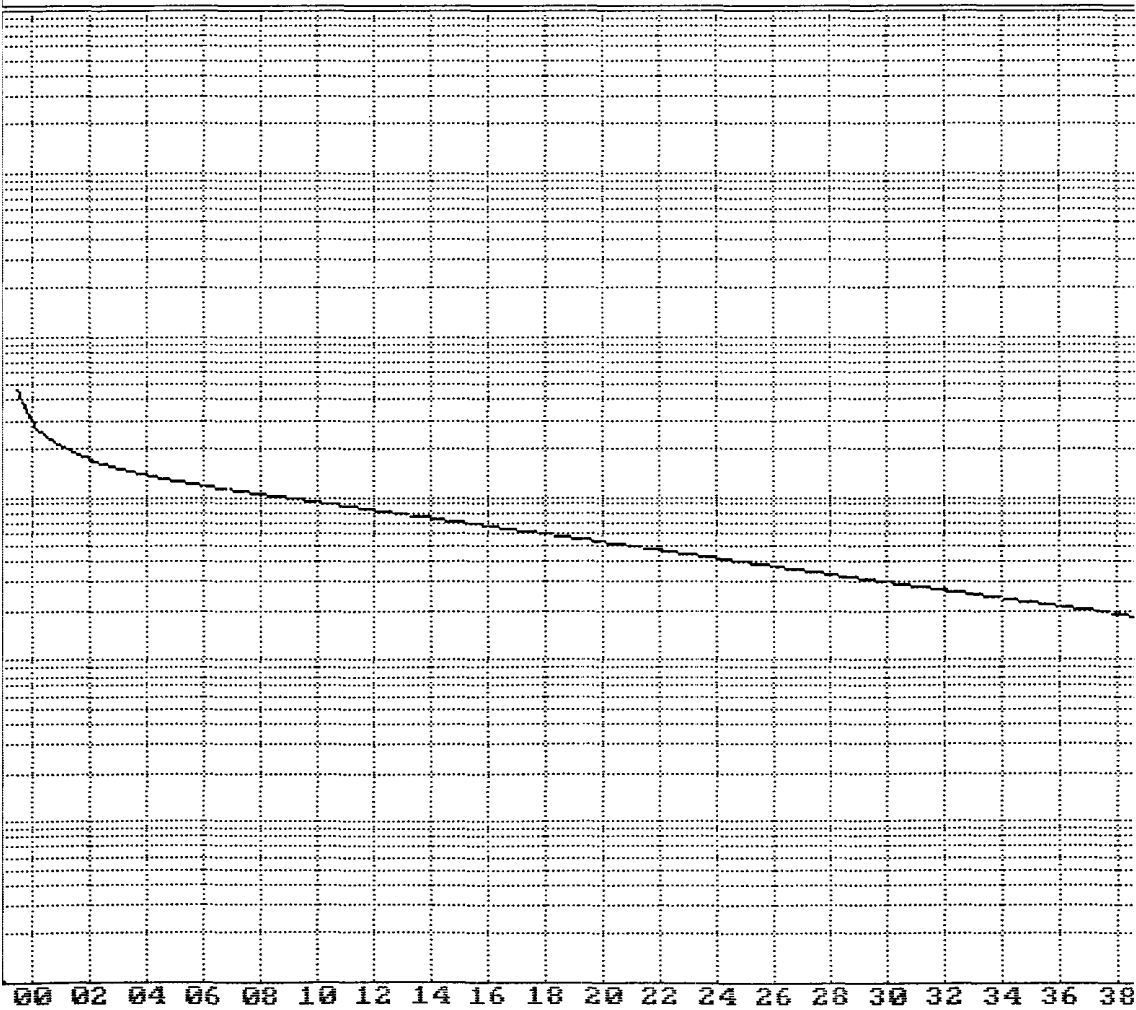
16				17 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>	
Original plat by Fred B. Kerr 10-15-73				Signature Peggy Bradfield Printed Name Regulatory Administrator Title	
				Date	
18 SURVEYOR CERTIFICATION <i>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.</i>				Date of Survey	
1720'				Signature and Seal of Professional Surveyer:	
1550'				Certificate Number	

San Juan 27-4 Unit #49

Expected Production Curve

Mesaverde Formation

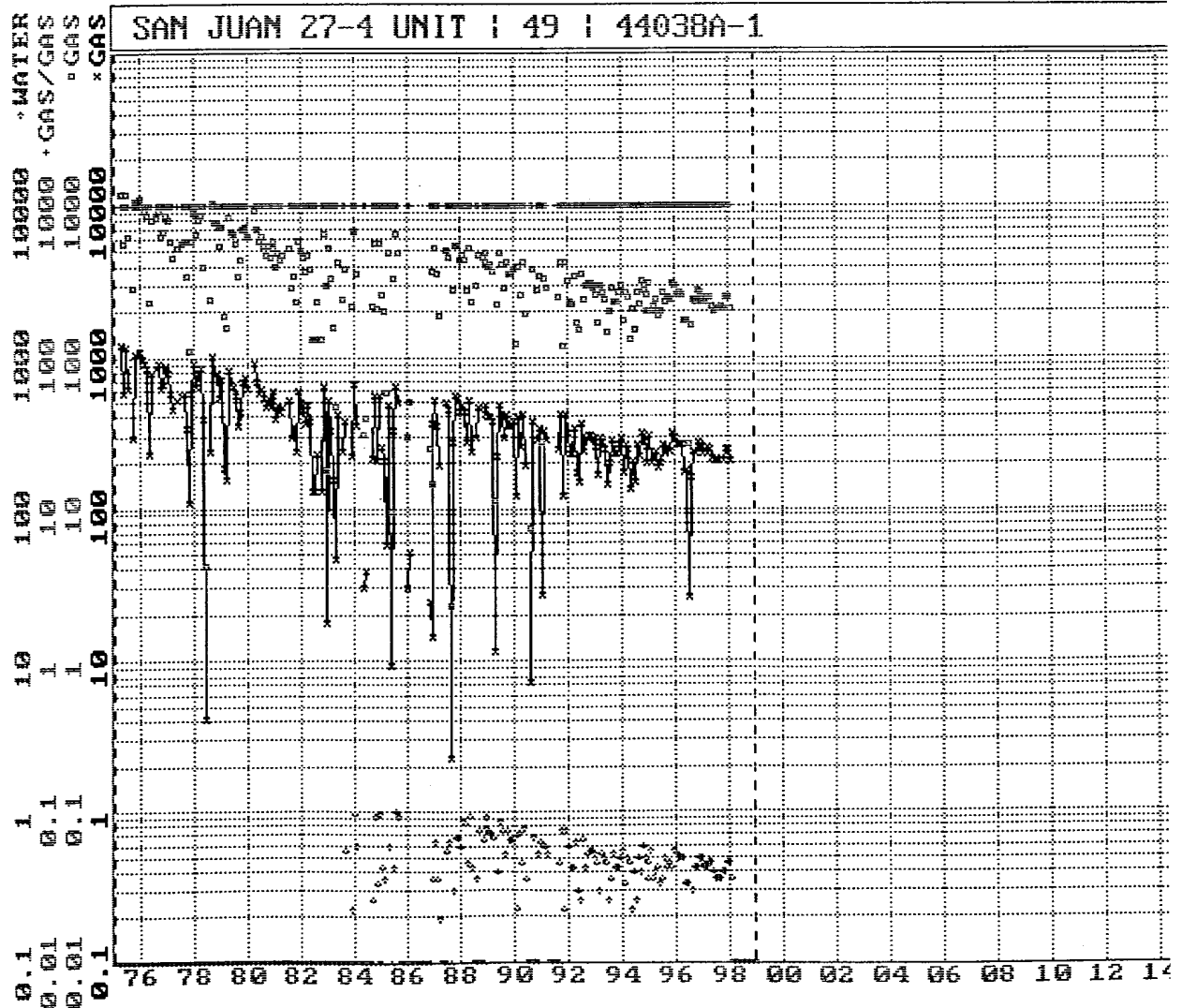
SAN JUAN 27-4 UNIT 1 25 1



San Juan 27-4 Unit #49

Actual Production

Dakota Formation



Mesaverde**MV-Current**

GAS GRAVITY	0.715
COND. OR MISC. (C/M)	C
%N2	0.16
%CO2	0.83
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	5881
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	542
BOTTOMHOLE PRESSURE (PSIA)	634.0

Dakota**DK-Current**

GAS GRAVITY	0.666
COND. OR MISC. (C/M)	C
%N2	0.21
%CO2	1.14
%H2S	0
DIAMETER (IN)	1.5
DEPTH (FT)	7983
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	927
BOTTOMHOLE PRESSURE (PSIA)	1125.2

MV-Original

GAS GRAVITY	0.715
COND. OR MISC. (C/M)	C
%N2	0.16
%CO2	0.83
%H2S	0
DIAMETER (IN)	2
DEPTH (FT)	5881
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1151
BOTTOMHOLE PRESSURE (PSIA)	1372.3

DK-Original

GAS GRAVITY	0.666
COND. OR MISC. (C/M)	C
%N2	0.21
%CO2	1.14
%H2S	0
DIAMETER (IN)	1.5
DEPTH (FT)	7983
SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	2386
BOTTOMHOLE PRESSURE (PSIA)	2941.8

Property ID: 1230

Property Name: SAN JUAN 27-4 UNIT | 25 | 50384A-1

Table Name: Q:\PUBLIC\GENTITY\GDPNOS\TEST.DBF

--DATE--	---	CUM_GAS--	M	SIWHP
.....		Mcf		Psi

10/17/60	0	1151.0
11/03/60	0	1151.0
09/13/61	48000	766.0
08/06/62	80000	646.0
04/19/63	103000	628.0
05/07/64	127000	592.0
05/10/65	145000	562.0
04/19/66	166000	547.0
08/04/67	199000	531.0
05/02/68	214000	548.0
08/28/70	264082	522.0
04/08/71	273724	544.0
08/09/72	291791	429.0
11/06/83	431466	551.0
12/06/83	431466	551.0
11/04/86	469993	513.0
03/18/91	515089	530.0
04/01/91	515089	542.0

San Juan 27-4 Unit #49Mesaverde Offset

Page No.: 1
Print Time: Tue Mar 02 15:34:19 1999
Property ID: 1259
Property Name: SAN JUAN 27-4 UNIT | 49 | 44038A-1
Table Name: Q:\PUBLIC\GENTITY\GDPNOS\TEST.DBF

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

06/28/74	0	2386.0
06/24/75	53969	1865.0
06/25/76	331522	1512.0
07/06/77	549246	1507.0
11/01/79	1009326	1230.0
04/20/81	1270868	972.0
09/19/83	1524535	1106.0
06/05/85	1641947	1195.0
10/11/88	1900869	1104.0
04/22/90	2090929	952.0
05/28/92	2246504	927.0

San Juan 27-4 Unit #49

Existing Dakota

BURLINGTON
RESOURCES

SAN JUAN DIVISION
3535 East 30th Street: (87402-8801)
P.O. BOX 4289
Farmington, New Mexico 87499-4289

BURLINGTON
RESOURCES

SAN JUAN DIVISION
3535 East 30th Street: (87402-8801)
P.O. BOX 4289
Farmington, New Mexico 87499-4289

Cinco General Partnership
PO Box 451
Albuquerque, NM 87103-0451

x

Bedrock Limited Partners
PO Box 36480
Albuquerque, NM 87176

BURLINGTON
RESOURCES

SAN JUAN DIVISION
3535 East 30th Street: (87402-8801)
P.O. BOX 4289
Farmington, New Mexico 87499-4289

BURLINGTON
RESOURCES

SAN JUAN DIVISION
3535 East 30th Street: (87402-8801)
P.O. BOX 4289
Farmington, New Mexico 87499-4289

Tempe LTD Partnership
c/o F.E. & M. K. Harrington
652 Fearrington Post
Pittsboro, NC 27312

x

Harco LTD Partnership
PO Box 216
Roswell, NM 88202

BURLINGTON
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3535 East 30th Street: (87402-8801)
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James V. Harrington
PO Box 13535
Albuquerque, NM 87192

x

Mary Jone Chappell
PO Box 1865
Corrales, NM 87048

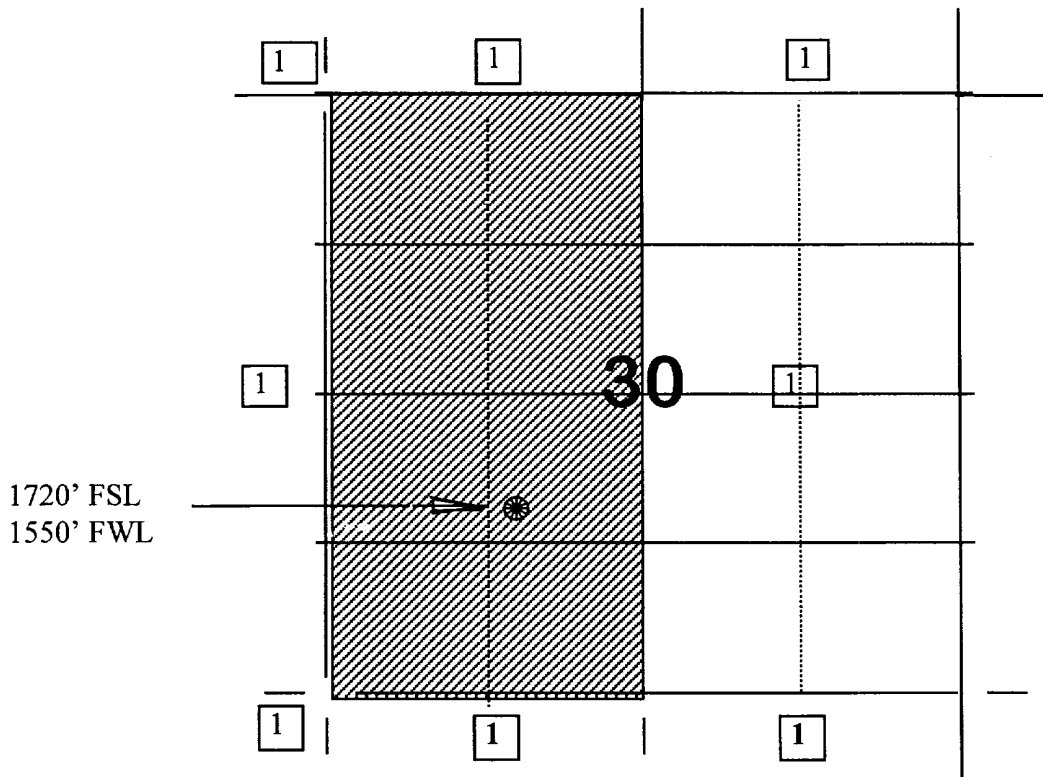
San Juan 27-4 Unit #49

OFFSET OPERATOR/OWNER PLAT

Mesaverde/Dakota Formations

Commingled well

Township 27 North, Range 4 West



1) Burlington Resources

