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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -2040 South Pacheco, Santa Fe, NM 87505



2051

	2040 South Facilities, Santa FC, Ni F 07303
	ADMINISTRATIVE APPLICATION COVERSHEET
TH	COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATION FOR EXCEPTIONS TO DIVISION RULES AND REGULATION WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE
lppli	tion Acronyms:
	[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]
[1]	TYPE OF APPLICATION - Check Those Which Apply for [A] [A] Location - Spacing Unit - Directional Drilling
	□ NSL □ NSP □ DD □ SD
	Check One Only for [B] or [C] [B] Commingling - Storage - Measurement DHC CTB PLC PC OLS OLM
	[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery ☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR
[2]	NOTIFICATION REQUIRED TO: - Check Those Which Apply, or Does Not Apply
-	[A] Working, Royalty or Overriding Royalty Interest Owners
	[B] Offset Operators, Leaseholders or Surface Owner
	[C] Application is One Which Requires Published Legal Notice
,	[D] Dotification and/or Concurrent Approval by BLM or SLO 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] Waivers are Attached
[3]	INFORMATION / DATA SUBMITTED IS COMPLETE - Certification
I her	y certify that I, or personnel under my supervision, have read and complied with all applicable Rule

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and 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 (WI, RI, ORRI) is common. *I understand that any omission of data* (including API numbers, pool codes, etc.), pertinent information and any required notification is cause to have the application package returned with no action taken.

N	ote: Statement must be complete	ed by an individual with managerial and/or su	pervisory capacity.
		Daahued	
Print or Type Name	Signaturé	Title	Date

DISTRICT I

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

DISTRICT II

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

DISTRICT III

SIGNATURE

TYPE OR PRINT NAME Sean Woolverton

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

APPROVAL PROCESS:

X Administrative ___Hearing

EXISTING WELLBORE

1000 Rio Brazos Rd, Aztec, NM 87410-1693	APPLICATION FOR DOW	NHOLE COMMINGLING	YESx_ NO		
Burlington Resources Oil & Gas C	Company	PO Box 4289, Farmington, I	NM 87499		
Operator	Addre	88			
San Juan 27-4 Unit	102M D 3	3-27N-04W	Rio Arriba		
Lease	Well No. Unit Lt	r Sec - Twp - Rge	County		
		•	g Unit Lease Types: (check 1 or more)		
OGRID NO14538 Property Code	e7452 API NO30-039-no	ot assignedFederalx	, State, (and/or) Fee		
The following facts are submitted in support of downhole commingling: 1. Pool Name and Pool Code	Upper Zone Blanco Mesaverde - 72319	Intermediate Zone	Lower Zone Basin Dakota - 71599		
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		
Method of Production (Flowing or Artificial Lift)	flowing		flowing		
Bottomhole Pressure Oil Zones - Artificial Lift: Estimated Current	(Current) a. 678 psi (see attachment)	a.	a. 1107 psi (see attachment)		
Gas & Oil - Flowing: All Gas Zones: Estimated or Measured Original	(Original) b. 1409 psi (see attachment)	b.	b. 3004 psi (see attachment)		
6. Oil Gravity (API) or Gas BTU Content	BTU 1195		BTU 1215		
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	Date:	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:	Oil: Gas:	Oil: Gas: %		
(total of %'s to equal 100%)	will be supplied upon completion		will be supplied upon completion		
 10. Are all working, overriding, and roll for not, have all working, overriding Have all offset operators been given. 11. Will cross-flow occur? _x_ production be recovered, and wield in the value of production be defected. 12. Are all produced fluids from all control of the value of production be defected. 13. Will the value of production be defected. 14. If this well is on, or communitize Land Management has been notified. 15. NMOCD Reference Cases for Rule 16. ATTACHMENTS: 	a and/or explaining method and propalty interests identical in all coming, and royalty interests been notified wen written notice of the proposed Yes No If yes, are fluids coll the allocation formula be reliable ommingled zones compatible with acreased by commingling? Yes defined in writing of this application a 303(D) Exceptions: ORDER NO(S)	mingled zones? mingled zones? led by certified mail? downhole commingling? mail in the formations not in the committee in	equired data. sx_No esNo esNo be damaged, will any cross-flowe ech explanation) o nation) ands or the United States Bureau o		
* 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.

TITLE: Reservoir Engineer DATE: 06-29-98

TELEPHONE NO. (505) 326-9700

District I PO Box 1980, Hobbs NM 88241-1980

PO Drawer KK, Artesia, NM 87211-0719

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

Revised February 21, 1

Instructions on a

Submit to Appropriate District Of

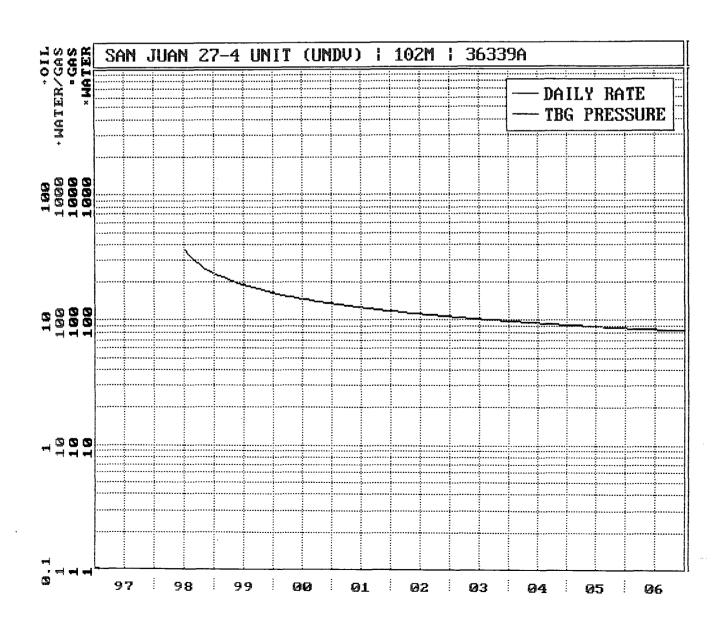
State Lease - 4 Cc Fee Lease - 3 Cc

AMENDED REP

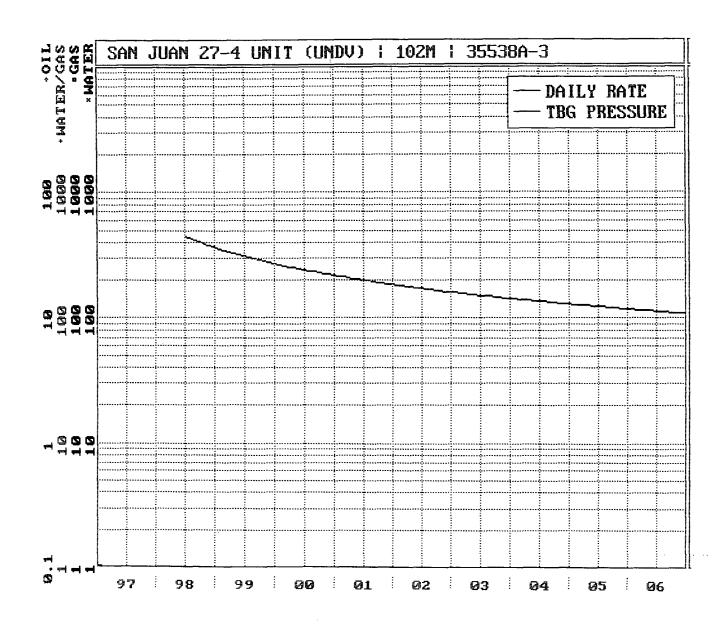
		WE	LL LO	CATION	AND A	CREA	AGE DEDIC	ATION	PLAT		
	API Number			² Pool Code	•			,	Pool Name		
30-039			7231	9/715	99 I	Blano	co Mesavei	cde/Bas	sin Dal	kota	
* Property (Code		:			operty Naz	tie .				• Well Number
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7 UL or lot no.	Section	Township	Range	Lot ide	Feet from		North/South line	Feet from		West line	County
Dedicated Acre		stor Infill 14	Consolidatio	n Code 13	Order No.						
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(R) - GLO Record

San Juan 27-4 Unit #102M Expected Production Curve Blanco Mesaverde



San Juan 27-4 Unit #102M Expected Production Curve Basin Dakota



SJ 27-4 Unit #102M

Bottom Hole Pressures Flowing and Static BHP Cullender and Smith Method Version 1.0 3/13/94

Mesaverde	Dakota			
MV-Current	<u>DK-Current</u>			
GAS GRAVITY COND. OR MISC. (C/M) %N2 %CO2 %CO2 %H2S DIAMETER (IN) DEPTH (FT) SURFACE TEMPERATURE (DEG F) BOTTOMHOLE TEMPERATURE (DEG F) SURFACE (MCFPD) SURFACE PRESSURE (PSIA) BOTTOMHOLE PRESSURE (PSIA) 678.4	GAS GRAVITY COND. OR MISC. (C/M) %N2 %CO2 %CO2 DIAMETER (IN) DEPTH (FT) SURFACE TEMPERATURE (DEG F) BOTTOMHOLE TEMPERATURE (DEG F) SURFACE PRESSURE (PSIA) BOTTOMHOLE PRESSURE (PSIA) 0.714 C. 0.714 C. 0.714 C. 0.29 0.91 8163 816			
MV-Original	<u>DK-Original</u>			
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Page No.: 1

Print Time: Wed Jan 14 16:08:51 1998

Property ID: 1646

Property Name: SAN JUAN 27-4 UNIT | 54 | 51794A-1

Table Name: K:\ARIES\RR98PDP\TEST.DBF

DATE	M SIWHP Psi
10/16/68	2372.0 - Original
06/13/69	1405.0
06/24/70	1040.0
05/18/71	921.0
06/13/72	812.0
07/06/77	822.0
05/01/79	821.0
06/01/81	723.0
05/20/85	972.0
04/22/90	983.0
06/15/93	892.0- Curvent

San Juan 27-4 Unit # 102M

Dakota Offset

Page No.: 1

Print Time: Wed Jan 14 16:08:58 1998

Property ID: 3769

Property Name: SAN JUAN 27-4 UNIT | 136 | 44664A-1 Table Name: K:\ARIES\RR98PDP\TEST.DBF

DATE	M SIWHP	
01/07/80	1170.0-original	
01/14/80	1171.0	
07/07/80	831.0	
11/05/81	691.0	
11/05/82	670.0	
05/18/84	724.0	
11/03/86	602.0	
09/11/89	603.0	
09/18/91	797.0	
11/18/91	785.0	
07/30/93	574.0- Current	

San Juan 27-4 Unit #102M Mesaverde Offset

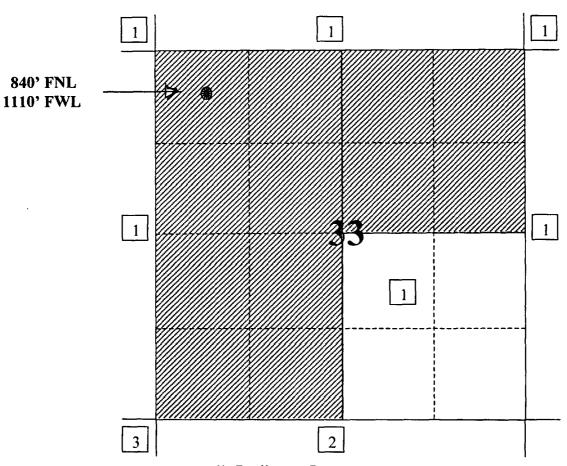
San Juan 27-4 Unit #102M Blanco Mesaverde/ Basin Dakota 27N-4W-33P

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BURLINGTON RESOURCES OIL AND GAS COMPANY

San Juan 27-4 Unit #102M OFFSET OPERATOR/OWNER PLAT

Mesaverde (W/2) / Dakota (N/2) Formations Commingle Well Township 27 North, Range 4 West



- 1) Burlington Resources
- 2) Amoco Production Company Attn: Steve TrefzP.O. Box 8001670 BroadwayDenver, CO 80201
- 3) Chateau Oil & Gas, Inc.5950 Berkshire Lane, Ste 275Dallas, TX 75225