District I

1623 N. French Drive, Hobb District II

1301 W. Grand Avenue, Artesia, NM 88210

os, NM 88240

District III 1000 Rio Brazos Road, Aztec, NM 87410

1220 S. St. Francis Dr., Santa Fe, NM 87505

District IV

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-107A evised June 10, 2003

PLICATION TYPE

Oil Conservation Division 1220 South St. Francis Dr. /

Santa Fe, New Mexico 87505

<u>X</u> Single Well Establish Pre-Approved Pools EXISTING WELLBORE <u>X</u> Yes <u>No</u>

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APPLICATION FOR DOWNHOLE COMMINGLING

Burlington Resources Oil &	Gas Company, LP	P.O.Box 4289 Farmington, NM 87499	
Operator		Address	
Federal	B 1	Unit N, Sec. 31, 030N, 011W	SAN JUAN
Lease	Well No.	Unit Letter-Section-Township-Range	County

OGRID No: <u>14538</u> Property Code <u>7009</u> API No. <u>30045089230000</u> Lease Type: <u>X</u> Federal <u>State</u> Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	CROUCH MESA MESAVERDE		BASIN DAKOTA
Pool Code	75680		71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	3724'-3744'		6484'- 6710'
Method of Production (Flowing or Artificial Lift)	FLOWING		FLOWING
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	250 psi		1600 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	BTU 1000		BTU 1000
Producing, Shut-In or New Zone	PRODUCING		PRODUCING
Date 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.)	Date: APR 2008 Rates: 0 MCF		Date: APR 2008 Rates: 0 MCF
Fixed Allocation Percentage (Note: If allocation is based upon something other	Oil Gas		Oil Gas
than current or past production, supporting data or explanation will be required.)	Will be supplied upon completion		Will be supplied upon completion

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones?	Yes	<u>X</u>	No
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail?	Yes		No
Are all produced fluids from all commingled zones compatible with each other?	Yes	<u>x</u>	No
Will commingling decrease the value of production?	Yes_		No <u>X</u>
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application?	Yes_	<u>x</u>	No
NMOCD Reference Case No. applicable to this well:			

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 working, royalty and overriding royalty interests for uncommon interest cases.Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools

List of all operators within the proposed Pre-Approved Pools

Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.

Bottomhole pressure data.

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

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SIGNATURE Ayer trad		Engineer	DATE/C	17/08
				,
TYPE OR PRINT NAME_Ryan Frost, Engineer		TELEPHONE NO(505) 326-9700	
E-MAIL ADDRESS Ryan.M.Frost@conocophillip	os.com			

Federal B 1 Unit N, Section 31, T30N, R11W

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The Federal B 1 is a Crouch Mesa Mesaverde and Basin Dakota commingle. If the Crouch Mesa Mesaverde and Basin Dakota horizons can be isolated, a separator test will be performed and the allocation will be assigned with results using the subtraction method applied to the rate. In the event that the Crouch Mesa Mesaverde and Basin Dakota can not be tested separately, a volumetric calculation will be performed to determine the allocation percentages between the Crouch Mesa Mesaverde and Basin Dakota. All documentation will be submitted to the Aztec NMOCD office.

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[B] [Offset Operators, Lease	holders or Surface O	wner		٨.
[C] [Application is One Whi	ch Requires Publish	ed Legal Notice		
[D] [Notification and/or Con U.S. Bureau of Land Management - C	current Approval by Commissioner of Public Lands,	BLM or SLO State Land Office		
[E] [For all of the above, Pro	oof of Notification or	Publication is At	tached, and/or,	
[F] [Waivers are Attached			• • • • •	
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	N: I hereby certify that the				
approval is accurate and c	omplete to the best of my k	mowledge. I als	so understand that no a	ction will be	taken on this
application until the require	ed information and notifica	tions are submit	ted to the Division.		
Note: Sta	tement must-be-completed by a	n individual with m	anagerial and/or supervise	ory capacity.	
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Rhonda Rogers	- Dhonk	Derus.	Regulatory Technician		10/8/08
Print or Type Name	Signature	0	Title		Date
[10] A. Harris and M. K. Marker and M. K. Katalana and M. Katal Katalana and M. Katalana an			rogerrs@conocophil	lips.com	
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NEW MEXICO OIL CONSERVATION COMMISSION WELL LOCATION AND ACREAGE DEDICATION PLAT

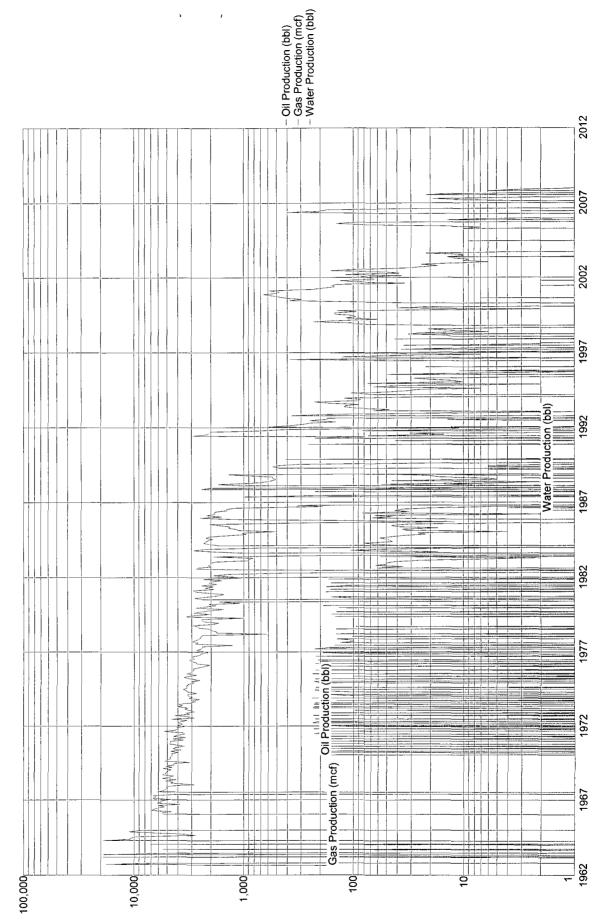
FORM C-128 Revised 5/1/57

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SEE INSTRUCTIONS FOR COMPLETING THIS FORM ON THE REVERSE SIDE

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0 220 660 000 1220 1660 1990 2210 2640 2000 1600 1000 500 0 Certificate No. 1463		l	Ň				l I		and/or Las	a Surveyor	1
0 220 660 000 1220 1660 1990 2210 2640 2000 1600 1000 500 0 Certificate No. 1463	1		<u> </u>		-		1	1	-	- 0. Lean	<u>ح ا</u>
\wedge 330 (CD had 1370 (CD (090 770) 700 700 1600 600 600 11											
	0 330 660 9	90 13Z	0 1650 196	30 2310 2	640 200	xo 1500	1000 4	500 0			103



FEDERAL B - BASIN

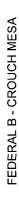
Lease Name: FEDERAL B County, State: SAN JUAN, NM Operator: BURLINGTON RESOURCES 0&G CO LP Field: BASIN Reservoir: DAKOTA Location: 31 30N 11W SE SW

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Lease Name: FEDERAL B County, State: SAN JUAN, NM Operator: BURLINGTON RESOURCES 0&G CO LP Field: CROUCH MESA Reservoir: MESAVERDE Location: 31 30N 11W SE SW

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		,	r	– Oil Production (bbl) – Gas Production (mcf) – Motor Production (mcf)		375
						1974
1,000					Oil Production (bbl)	100 1973

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JUL 1970

SAN JUAN NM FEDERAL B 1 BURLINGTON RESOURCES O&G CO LP INACTIVE

Lease Name:		FEDERAL B		Well Nu	mber:	1			
Lease Number:		007009		Cum Oil:		1,107			
Operator Name:		BURLINGTON RESO	OURCES O&G			182,673			
State:		NEW MEXICO		Cum Water	r:				
County:		SAN JUAN		First Produ	ction Date:	MAY	1962		
Field:		CROUCH MESA		Last Produ	ction Date:	MAY	1974		
Sec Twn Rng:		31 30N 11W		Spot:		SE SW			
Latitude/Longitude:		36.76373 -10	8.03391	Lat/Long S	ource:	TS			
Regulatory #:				Completion		APR 30), 1962		
API:		30045089230000		Total Dept		6772			
Production ID:		230043045089237568	0	Upper Perf		3727			
Reservoir Name:		MESAVERDE		Lower Perf		3740			
Prod Zone:		MESAVERDE		Gas Gravit		2			
Prod Zone Code:		604MVRD		Oil Gravity	•				
Basin Name:		SAN JUAN BASIN		Temp Grad		1.7			
Gas Gatherer:				N Factor:					
Liquid Gatherer:				GOR:					
Status:		INACTIVE	GAS						
Beginning Cum: 1970 1973 1974 Totals:	449 222 1,107	182,673							
Monthly Production Date MO/YR	on Oil BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days on		
AN 1970		0	، هر ها ها ها ها ان ان ان ان ان ان ا		ه هو ننه خل میز چه به هو هد هد ه				
TEB 1970		0							
MAR 1970		0							
PR 1970		0							
IAY 1970		0							
UN 1970		0							
II 1070		Δ							

Detailed Production Report

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AUG 1970		0	
SEP 1970		0	
OCT 1970		0	
NOV 1970		0	
DEC 1970		0	
Totals:			
1970			
JAN 1973	0		0
FEB 1973	0		0
MAR 1973	0		0
APR 1973	0		0
MAY 1973	0		0
JUN 1973	228		1
JUL 1973	221		1
AUG 1973	0		0
SEP 1973	0		0
OCT 1973	0		0
NOV 1973	0		0
DEC 1973	0		0
Totals:			
1973	449		
JAN 1974	0		0
FEB 1974	0		0
MAR 1974	0		0
APR 1974	0		0
MAY 1974	222		1
Totals:			
1974	222		

Gas Tests	To	tal count: 2								
API	Well	Test	WHSIP	WHFP	BHP	BHP/Z	Water	Cond	Gas	AOF
Number	Number	Date					B/D	B/D	MCFD	MCFD
و و و و و ۵ ۵ ۵ ۵ ۵ و و و و	ی رک دی کہ خرف سند بربر ہیں ہ		ه يو يو يو مه بلغ از		الدر الدر الدر الدر الدر الدر الدر مر		ب هو هو او خن جد اه او	نان نفا ده هد به جه ج		
First Test										
30045089230000	1	19620430	1258		1385	1603			3256	
30045089230000	1	19620523	1244	266	1369	1582			3256	
والمحاوية والمحاولة والمح										

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SAN JUAN NM FEDERAL B 1 BURLINGTON RESOURCES O&G CO LP ACTIVE

Lease Name: FEDERAL B Well Number: 1 30.820 007009 Cum Oil: Lease Number: BURLINGTON RESOURCES O&G Cum Gas: 1,023,011 **Operator Name:** State: NEW MEXICO Cum Water: 131 since MAY 1986 County: First Production Date: MAY 1962 SAN JUAN Field: BASIN Last Production Date: **DEC 2007** Sec Twn Rng: 31 30N 11W Spot: SE SW Latitude/Longitude: 36,76373 -108.03391 Lat/Long Source: TS Regulatory #: **Completion Date:** APR 30, 1962 API: 30045089230000 Total Depth: 6772 **Upper Perforation:** Production ID: 2300430450892371599 6484 Reservoir Name: DAKOTA Lower Perforation: 6710 Prod Zone: DAKOTA Gas Gravity: 0.66 Prod Zone Code: 602DKOT Oil Gravity: Temp Gradient: Basin Name: SAN JUAN BASIN 1.75 N Factor: Gas Gatherer: Liquid Gatherer: GOR: Status: ACTIVE GAS **Annual Production** (45 years) Oil Water Year Gas BBLS MCF BBLS Beginning 78,900 Cum: 25,485 1962 1963 47,479 89.860 1964 67,587 1966 60,041 1967 1968 56,679 1969 56,005 51,898 1970 1,555 48,066 1971 1,362 42,885 1972 1,284 1973 1,388 38,949 1974 1,253 38,580 35,789 1975 1.014 1,330 31,736 1976 1,013 29,826 1977 24,850 1978 485 1979 585 28,272 21,431 1980 455 25,004 1981 962 1982 426 18,589 1983 347 15,063

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1984	509	20,012	
1985	291	13,411	
1986	327	13,830	8
1987	127	5,931	49
1988 .	214	8,672	52
1989	19	2,278	
1990	9	258	
1991	269	10,640	
1992	30	2,791	
1993	1	1,228	
1994		498	
1995		141	
1996	22	771	
1997	42	90	
1998	32	350	
1999		1,286	
2000	8	3,419	1
2001	1	2,321	5
2002		691	
2003		96	14
2004		9	
2005	1	370	
2006	4	865	
2007	1	79	2
Totals:			
	30,820	1,023,011	131

Monthly Production

Date MO/YR	Oil BBLS	Gas MCF	Water BBLS	Cond Yld STB/MMCF	% Water	# of Wells	Days on
MAY 1962		0	وی کا کا بی بند چنر نو کا کا		ه هند هه چه برین بنی بنی بین بین بین در	 0	
JUN 1962		0				0	
JUL 1962		Ő				Õ	
AUG 1962		174				1	
SEP 1962		17,908				1	
OCT 1962		7,403				1	
NOV 1962		0				0	
DEC 1962		0				0	
Totals:							
1962		25,485					
JAN 1963		0				0	
FEB 1963		0				0	
MAR 1963		19,218				1	
APR 1963		0				0	
MAY 1963		19,035				1	
JUN 1963		3,738				1	
JUL 1963		0				0	
AUG 1963		0				0	
SEP 1963		5,488				1	
OCT 1963		0				0	
NOV 1963		0				0	

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DEC 1963	0	0
Totals:	Ŭ	0
1963	47,479	
JAN 1964	7,147	1
FEB 1964	0	0
MÅR 1964	0	0
APR 1964	18,956	1
MAY 1964	10,943	1
JUN 1964	10,758	1
JUL 1964	9,604	1
AUG 1964	2,750	1
SEP 1964	3,644	1
OCT 1964	6,287	1
NOV 1964	11,186	1
DEC 1964	8,585	1
Totals:		
1964	89,860	
JAN 1966	5,438	1
FEB 1966	5,564	1
MAR 1966	4,591	1
APR 1966	6,927	1
MAY 1966	6,605	1
JUN 1966	6,074	1
JUL 1966	5,265	1
AUG 1966	5,991	1
SEP 1966	3,812	1
OCT 1966	6,175	1
NOV 1966	5,694	1
DEC 1966	5,451	1
Totals:		
1966	67,587	
JAN 1967	4,652	1
FEB 1967	6,740	1
MAR 1967	6,314	1
APR 1967	6,707	1
MAY 1967	4,322	1
JUN 1967	0	0
JUL 1967	6,168	1
AUG 1967	5,421	1
SEP 1967	5,276	1
OCT 1967	4,924	1
NOV 1967 DEC 1967	5,106 4,411	1
Totals:	4,411	1
1967	60,041	
1907	00,041	
JAN 1968	2,839	1
FEB 1968	4,646	1
MAR 1968	4,427	1
APR 1968	5,145	1
MAY 1968	4,134	1
JUN 1968	5,526	1
JUL 1968	4,839	1
AUG 1968	4,372	1
	1,572	1

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Roland, Kandis R

From:Hester, ColtonSent:Monday, October 06, 2008 3:18 PMTo:Roland, Kandis RCc:Amadi, SamuelSubject:RE: Another Bottom Hole Pressure

The MV pressure is ~250 psi. I will let Sam give you the DK pressure. (Thanks, Sam!)

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-Colton

From:	Roland, Kandis R
Sent:	Monday, October 06, 2008 2:55 PM
To:	Hester, Colton
Subject:	Another Bottom Hole Pressure

Colton,

I have one more for you. It is the Federal B 1 (Crouch Mesa Mesaverde, Basin Dakota). Can you send me the shut in bottom hole pressure for these formations?

Thanks! Kandis

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