

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
DISTRICT II
811 South First St., Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410
DISTRICT IV
2040 S. Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION
2040 S. Pacheco
Santa Fe, New Mexico 87505-6429
APPLICATION FOR DOWNHOLE COMMINGLING

Form C-107-A
Revised August 1999

APPROVAL PROCESS:

Administrative ☐ Hearing ☐

EXISTING WELLBORE

☒ YES ☐ NO

BURLINGTON RESOURCES OIL & GAS COMPANY

PO BOX 4289, FARMINGTON, NM 87499

Operator

Address

EPNG COM I

10

F 32-31N-08W

SAN JUAN

Lease

Well No.

Unit Ltr. - Sec - Twp - Rge

County

Spading Unit Lease Types: (check 1 or more)

OGRID NO. 14538 Property Code 6982 API NO. 30-045-21304 Federal ☐ , 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	RECEIVED NOV 30 1999	GAS
4. Method of Production (Flowing or Artificial Lift)	FLOWING	OIL CON. DIV.	FLOWING
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 235 psi (see attachment) b. (Original) 1250 psi (see attachment)	a. (Current) DIST. 3 b. (Original)	a. (Current) 841 psi (see attachment) b. (Original) 2563 psi (see attachment)
6. Oil Gravity (EAPI) or Gas BTU Content	BTU 1139		BTU 1073
7. Producing or Shut-In?	SHUT-IN		SHUT-IN
Production Marginal? (yes or no)	NO		YES
* If Shut-In, give date and oil/gas/water rates of last production	Date: N/A Rates:	Date: N/A Rates:	Date: N/A Rates:
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: N/A	Date: N/A	Date: N/A

Certificate Number

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

Conoco, Inc.
10 Desta Drive, Suite 100W
Midland, TX 79705

x

Amoco
PO Box 841521
Dallas, TX 75284-1521

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x

BURLINGTON
RESOURCES

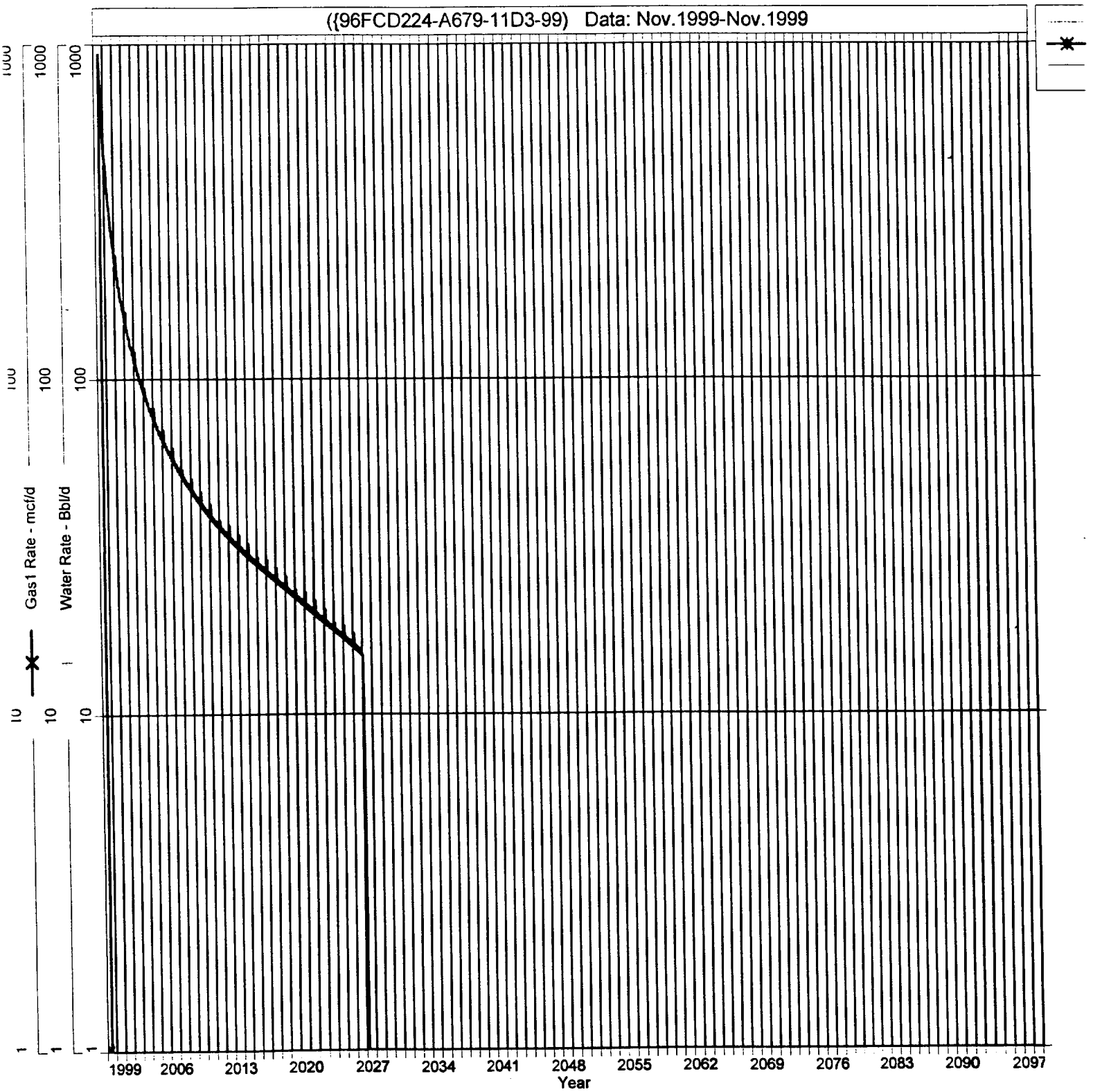
SAN JUAN DIVISION
3535 East 30th Street: (87402-8801)
P.O. BOX 4289
Farmington, New Mexico 87499-4289

BURLINGTON
RESOURCES

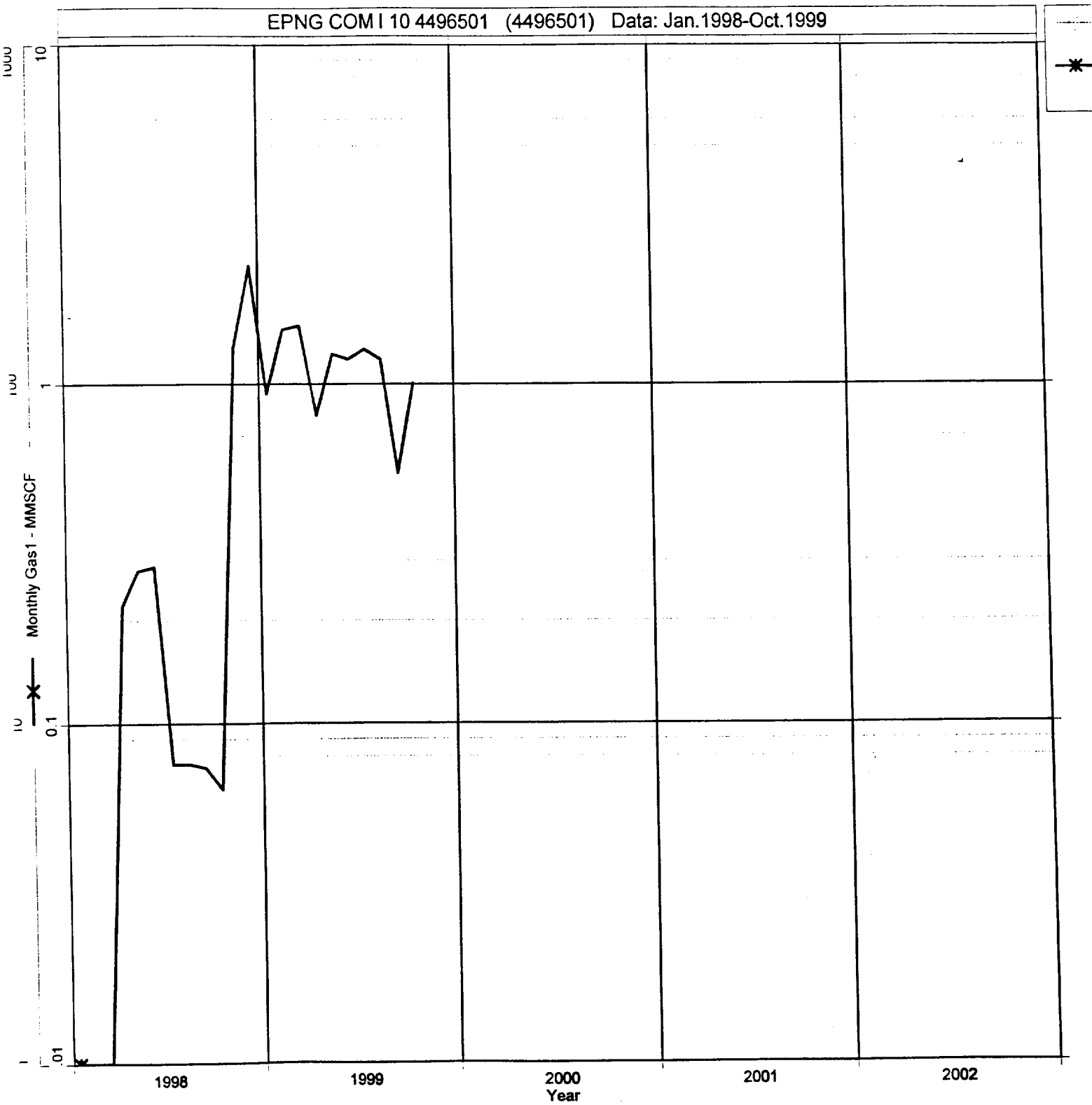
SAN JUAN DIVISION
3535 East 30th Street: (87402-8801)
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x

EPNG Com I #10
Expected Production
Mesaverde Formation



EPNG Com I #10
Actual Production
Dakota Formation



EPNG Com I #10
Bottom Hole Pressures
Flowing and Static BHP
Cullender and Smith Method
Version 1.0 3/13/94

Mesaverde		Dakota	
<u>MV-Current</u>		<u>DK-Current</u>	
GAS GRAVITY	0.657	GAS GRAVITY	0.602
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.14	%N2	0.29
%CO2	1.28	%CO2	1.79
%H2S	0	%H2S	0
DIAMETER (IN)	2.375	DIAMETER (IN)	1.5
DEPTH (FT)	5951	DEPTH (FT)	7937
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	205	SURFACE PRESSURE (PSIA)	712
BOTTOMHOLE PRESSURE (PSIA)	234.8	BOTTOMHOLE PRESSURE (PSIA)	840.6
<u>MV-Original</u>		<u>DK-Original</u>	
GAS GRAVITY	0.657	GAS GRAVITY	0.602
COND. OR MISC. (C/M)	C	COND. OR MISC. (C/M)	C
%N2	0.14	%N2	0.29
%CO2	1.28	%CO2	1.79
%H2S	0	%H2S	0
DIAMETER (IN)	2.375	DIAMETER (IN)	1.5
DEPTH (FT)	5951	DEPTH (FT)	7937
SURFACE TEMPERATURE (DEG F)	60	SURFACE TEMPERATURE (DEG F)	60
BOTTOMHOLE TEMPERATURE (DEG F)	137	BOTTOMHOLE TEMPERATURE (DEG F)	198
FLOWRATE (MCFPD)	0	FLOWRATE (MCFPD)	0
SURFACE PRESSURE (PSIA)	1070	SURFACE PRESSURE (PSIA)	2138
BOTTOMHOLE PRESSURE (PSIA)	1250.4	BOTTOMHOLE PRESSURE (PSIA)	2563.3

EPNG Com I #10
Mesaverde Offset

<u>Well Name</u>	<u>Date</u>	<u>Pressure</u>
EPNG COM A 2	07/16/53	1,070
EPNG COM A 2	03/03/54	969
EPNG COM A 2	09/08/54	957
EPNG COM A 2	06/24/55	1,034
EPNG COM A 2	07/24/56	1,054
EPNG COM A 2	05/24/57	1,058
EPNG COM A 2	06/22/58	1,294
EPNG COM A 2	07/29/59	1,064
EPNG COM A 2	04/14/60	1,059
EPNG COM A 2	04/13/61	1,053
EPNG COM A 2	12/22/61	886
EPNG COM A 2	09/10/62	874
EPNG COM A 2	03/21/63	877
EPNG COM A 2	03/23/64	866
EPNG COM A 2	03/26/65	877
EPNG COM A 2	02/17/66	835
EPNG COM A 2	03/13/67	832
EPNG COM A 2	10/06/67	769
EPNG COM A 2	01/10/68	779
EPNG COM A 2	05/20/69	656
EPNG COM A 2	09/28/70	614
EPNG COM A 2	07/21/71	601
EPNG COM A 2	07/31/72	538
EPNG COM A 2	09/04/73	498
EPNG COM A 2	04/24/74	481
EPNG COM A 2	08/11/76	413
EPNG COM A 2	05/25/78	381
EPNG COM A 2	05/02/80	364
EPNG COM A 2	05/11/82	373
EPNG COM A 2	07/09/84	409
EPNG COM A 2	07/17/86	407
EPNG COM A 2	09/15/89	310
EPNG COM A 2	04/18/91	231
EPNG COM A 2	07/29/91	243
EPNG COM A 2	05/03/93	205

EPNG Com I #10
Dakota Offset

<u>Well Name</u>	<u>Date</u>	<u>Pressure</u>
STATE COM AL 36	08/10/67	2,138
STATE COM AL 36	08/28/67	2,125
STATE COM AL 36	01/02/68	1,660
STATE COM AL 36	08/05/68	1,267
STATE COM AL 36	05/20/69	989
STATE COM AL 36	04/13/70	974
STATE COM AL 36	05/10/71	891
STATE COM AL 36	07/31/72	693
STATE COM AL 36	09/04/73	614
STATE COM AL 36	04/03/75	619
STATE COM AL 36	06/27/77	533
STATE COM AL 36	06/25/79	575
STATE COM AL 36	05/17/81	712

EPNG Com I #10

Mesaverde / Dakota

31N - 8W - 32C

