

DATE IN 6/11/99	SUSPENSE 7/1/99	ENGINEER DC	LOGGED KN	TYPE DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

2386

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application 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

JUN 11 1999

Check One Only for [B] and [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] Notification 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** - Statement of Understanding

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, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Mary Corley *Mary Corley* Sr. Business Analyst 6/9/99
 Print or Type Name Signature Title Date



Amoco Exploration & Production
501 Westlake Park Blvd.
Post Office Box 3092
Houston, TX 77079

June 9, 1999

**Ms. Lori Wrotenbery, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P. O. Box 6429
Santa Fe, NM 87505**

**Application for Exception to Rule 303-A- Downhole Commingling
Blanco Com 1 #1A
Unit P Section 2-T30N-R11W
Blanco Mesaverde and Basin Dakota Pools
San Juan County, New Mexico**

Enclosed please find an administrative application form (C-107-A) and attachments for downhole commingling for the captioned well. By copy of this application by certified mail, return receipt requested, Amoco is notifying all offset operators in the formations captioned above as well as all affected interest owners. The Division Director may approve the proposed downhole commingling in the absence of a valid objection from any offset operator or any interest owner in those instances where ownership is not common in the zones to be commingled within 20 days after the receipt of the application if, in her opinion, waste will not result thereby, and correlative rights will not be violated.

Should you have questions regarding this application, do not hesitate to call me at 281-366-4491.

Sincerely,

**Mary Corley
Enclosures**

**cc: Frank Chavez, Supervisor
NMOCD District III
1000 Rio Brazos Road
Aztec, NM 87410**

**Duane Spencer
Bureau of Land Management
1235 La Plata Hwy.
Farmington, NM 87401**

James Dean

Well File

OFFSET OPERATORS
Blanco Com 1 1A

Burlington Resources Oil and Gas Co.
PO Box 4289
Farmington, NM 87499

PRODUCTION ALLOCATION RECOMMENDATION
Blanco Com 1 1A

Production is proposed to be allocated based actual production from both the Blanco Mesaverde and Basin Dakota formations as tested on April 25, 1999.

ROYALTY INTEREST OWNERS NOTIFICATION LIST

Blanco Com 1 1A

**Donna Johnson Davis
550 A East Navajo
Hobbs, New Mexico**

**Carl J. Engfer &/or Una V. Engfer
5407 77th Avenue, CT West
Tacoma, WA 98467-4519**

**Tracy Johnson Evans
PO Box 904
Capitan, NM 88316-0904**

**Ferris Laweir Johnson
8515 Coral RD
Wonder Lake, IL 60097-8860**

**Jerry Laverne Johnson
PO Box 1774
Brazoria, TX 77422-1774**

**Mid Tex Resources
116 Edwards
Merkel, TX 79536-3802**

**Beda M Johnson Moore
1104 S Church St.
Brady, TX 76825-6234**

**State of New Mexico
State Land Office
Santa Fe, New Mexico 87501**

**Virginia M Robinson
26412 S Highway 170
Canby, OR 97013-9315**

**Byron & Charlene Royce LVING TR
7748 Creekside Dr.
Pleasanton, CA 94588-3687**

**Ilse Christine Krauss Revocable Family Trust
C/O Ilse Krauss
15727 NE Russell
Portland, OR 97230-8294**

**Burlington Resources Oil & Gas Co
PO Box 840656
Dallas, TX 75284-0656**

**Kathie Johnson Link
C/O State of Texas
Fiduciary for Unclaimed Funds
PO Box 12019
Austin, TX 78711-2019**

**Dorothy Swanson
Ruth Hemmingsen Case Atty-in-Fact
C/O Michael A Krickl CPA
1583 Holiday Drive
Sandwich, IL 60548-9372**

WORKING INTEREST OWNERS NOTIFICATION LIST

Blanco Com 1 1A

**Burlington Resources Oil & Gas Co
PO Box 840656
Dallas, TX 75284-0656**

**Williams Production Company
Lock Box 1111
Tulsa, OK 74101-1111**

OVERRIDING INTEREST OWNERS NOTIFICATION LIST

Blanco Com 1 1A

**Shiners Hospitals for Children
PO Box 31169
Tampa, FL 33631-3169**

OIL CONSERVATION DIVISION

APPROVAL PROCESS:

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

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

Administrative Hearing

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410-1693

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE
 YES NO

Amoco Production Company

PO Box 3092 Houston, TX 77253-3092

Operator BLANCO COM 1	Well No. 1A	Address P 2-30N-11W	County San Juan
Lease	Well No.	Unit Ltr. - Sec Twp - Rge	County

Spacing Unit Lease Types: (check 1 or more)

OGRID NO. 000778 Property Code 000320 API NO. 30-045-25444 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)	4325' - 4816'		6800' - 6911'
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure	a. (Current) 584 psig	a.	a. 838 psig
Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	b. (Original) 2085 psig (est)	b.	b. 2992 psig (est)
6. Oil Gravity ($^{\circ}$ API) or Gas BTU Content	1263 BTU		1237 BTU
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)			
• If Shut-In, give data and oil/gas/water rates of last production	Date: Rates:	Date: Rates:	Date: Rates:
Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data			
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: 4/25/99 Rates: 96 MCFD 0 BCPD 0 BWPD	Date: Rates:	Date: 4/25/99 Rates: 33 MCFD 0.3 BCPD 0.2 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 0 % Gas 75% -62 %	Oil: % Gas %	Oil: 100 % Gas 25% -38 %

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

11. Will cross-flow occur? 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. Yes No (If No, attach explanation)

12. Are all produced fluids from all commingled zones compatible with each other? Yes No

13. Will the value of production be decreased by commingling? Yes 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. Yes No NO FEDERAL OR STATE LANDS

15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) _____

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. SEE ATTACHED
- * 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 Mary Corley TITLE Senior Business Analyst DATE 6/9/99
TYPE OR PRINT NAME Mary Corley TELEPHONE NO. (281) 366-4491

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240
DISTRICT II
311 South First., Artesia, NM 88210
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Sante Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87505

Form C-102
Revised October 18, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-25444	Pool Code 72319 & 71599	Pool Name Blanco Mesaverde & Basin Dakota
Property Code 000320	Property Name Blanco Com 1	Well Number 1A
OGRID No. 000778	Operator Name AMOCO PRODUCTION COMPANY	Elevation 5875'

Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
UNIT P	2	30N	11W		1120	SOUTH	950	EAST	San Juan

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
Dedicated Acreage: 320.18		Joint or Infill	Consolidation Code		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

	<p align="center">OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i></p>
	<p>Signature <i>Mary Corley</i></p>
	<p>Printed Name MARY CORLEY</p>
	<p>Position Sr. Business Analyst</p>
	<p>Date 06/10/1999</p>
	<p align="center">SURVEY CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</i></p>
	<p align="center">10/01/1979</p>
	<p>Date of Survey</p>
	<p>Signature & Seal of Professional Surveyor</p> <p align="center">Fred B. Kerr, Jr.</p>
	<p>Certificate No. 3950</p>

13,309,100.26 FT. N
36° 51' 41" N

13,309,100.26 FT. N
36° 51' 41" N

992,049.54 FT. E
107° 55' 56" W

1,007,550.46 FT. E
107° 55' 56" W

34

31N-11W

31N-10W

2
TIT 2
OZTEC OIL AND GAS
300451004900
DKOT

1
ZELLA OIL COMPANY
SOUTHWEST PROD
300450997700
DKOT

1-11
CORRUM COM-1
TERRACO OIL
300452404100
HVRO ,DKOT

11
NYC
OZTEC OIL AND GAS
300450996300
GURS ,DKOT ,DKOT

3

NO 1
J S BOLDIRON O UNIT 11
TERRACO OIL COMPANY
300451311400
DKOT

SAN JUAN

1
ESTHER OMOY 1
SOUTHWEST PRODUCTION
300450900900
DKOT

NO 1 11
BLANCO COM 1 111
TERRACO
300452344400
HVRO ,DKOT

NO 3 11
NYC 3 11
OZTEC OIL AND GAS
300452696600
HVRO ,GURS ,DKOT

30N-11W

1
SIDREY O LS
OZTEC PROD
300456021100
HVRO ,FRI 111 ,DKOT

30N-10W

1
TRIPTON-D
SOUTHWEST PROD
300450975000
DKOT

2
CURRENT 2
OZTEC OIL AND GAS
300452264700
DKOT

13
NYC
OZTEC OIL
300450975700
DKOT

12

1
SIRPIRO
SOUTHWEST PROD
300450907500
DKOT

NO 11
SIDREY O 11
TERRACO
300452495900
DKOT

8
SIDREY O
EL PASO NATURAL GAS
300451185500
FRILO ,DKOT

10
NYC-D
OZTEC OIL
300451311600
DKOT

13,373,371.07 FT. N
36° 49' 0" N

13,373,371.07 FT. N
36° 49' 0" N

All geological and geophysical data, including the interpretation thereof, appearing on this map is the private and confidential property of Amoco Production Company. The publication or reproduction thereof without the written permission of said Company is strictly prohibited.

AMOCO PRODUCTION COMPANY
PLAT MAP
Blanco Com 1-11A
Dakota
SCALE 1 IN. = 2,000 FT. OCT 9, 1995

POLYCONIC CENTRAL MERIDIAN - 107° 57' 31" W LONG
SPHEROID - 6

HORIZONTAL DATUM 1983

2412502-UN-952821413

Blanco Com 1 001A

DK	0.08	PC	0.04
MV	0.07	FT	0.04
		CK	0.04

WELL NAME: Blanco Com 1 001A

FORMATION: DK

SURFACE PRESS: 290

PERFS TOP: 6800

BOTTOM: 6911

$$(6800 + 6911) / 2 = \underline{6856} \text{ Mid Perf}$$

$$6855.5 \times 0.08 = \underline{548}$$

$$548 + 290 = \boxed{838} \text{ Bottom Hole Pressure}$$

Initial Bottom Hole Pressure = 2992 est.

WELL NAME: Blanco Com 1 001A

FORMATION: MV

SURFACE PRESS: 264

PERFS TOP: 4325

BOTTOM: 4816

$$(4325 + 4816) / 2 = \underline{4571} \text{ Mid Perf}$$

$$4570.5 \times 0.07 = \underline{320}$$

$$320 + 264 = \boxed{584} \text{ Bottom Hole Pressure}$$

Initial Bottom Hole Pressure = 1263 est.

ALLOCATION

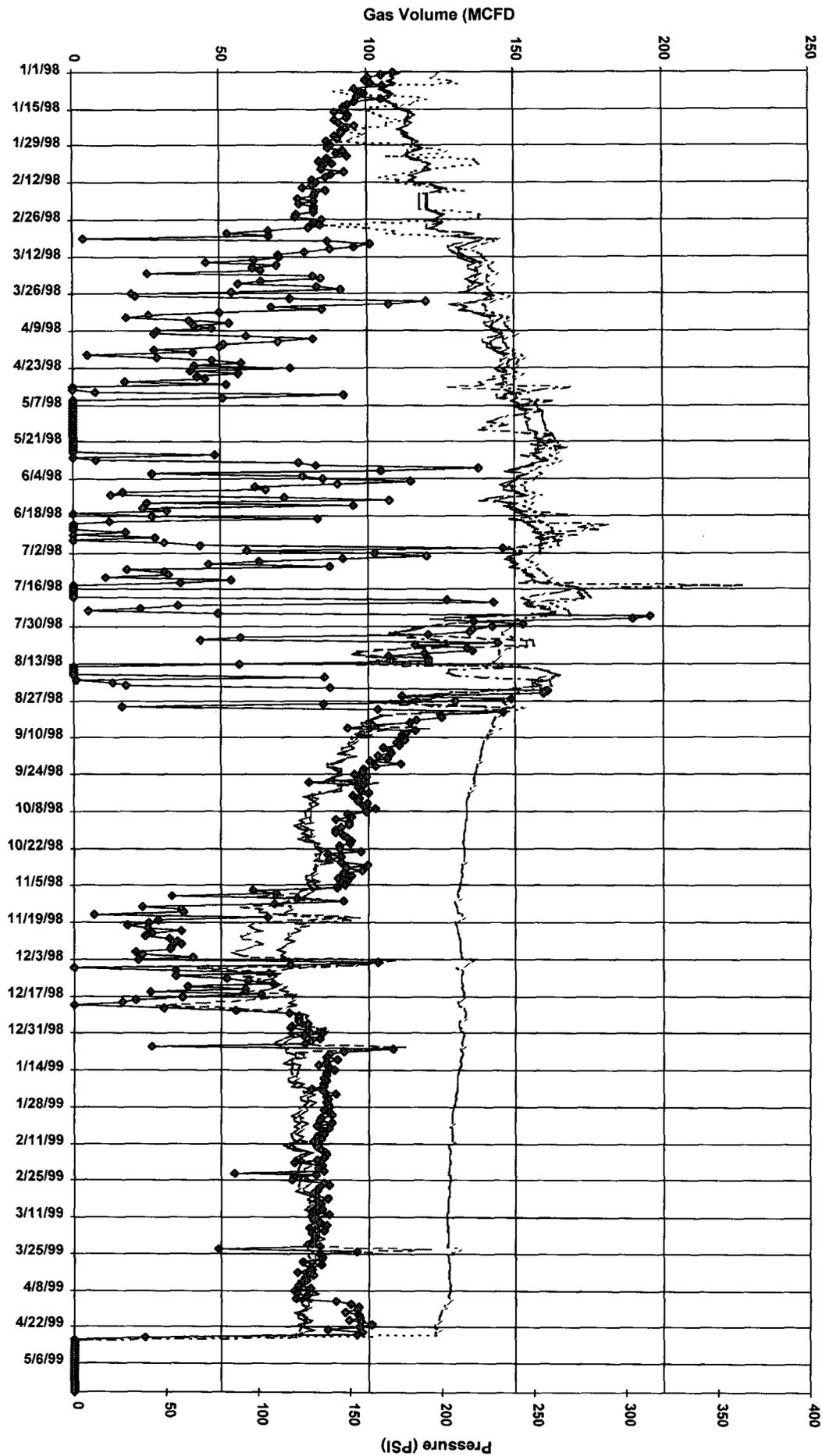
FM	BBL	%	GAS	%
DK	120	100%	15045	38%
MV	0	0%	24962	62%

Wellname: BLANCO COM 1 001A-MV

Flacwell: 97979102

API: 300452544400

Amoco - OI/DB/Synergy Data



Wellname: BLANCO COM 1 001A-DK

Flacwell: 97979101

API: 300452544400

Amoco - OI/DB/Synergy Data

