

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  
X 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] X Working, Royalty or Overriding Royalty Interest Owners

[B] X Offset Operators, Leaseholders or Surface Owner

[C] \_ Application is One Which Requires Published Legal Notice

[D] X 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  
Print or Type Name

*Mary Corley*  
Signature

Sr. Business Analyst  
Title

6/9/99  
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 77<sup>th</sup> 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**

Amoco Production Company		PO Box 3092 Houston, TX 77253-3092	
Operator	Address	County	
BLANCO COM 1	P 2-30N-11W	San Juan	
Lease	Well No.	Unit Ltr. - Sec Twp - Rge	
	1A		

OGRID NO. 000778    Property Code 000320    API NO. 30-045-25444    Spacing Unit Lease Types: (check 1 or more)  
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)	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 Oil Zones - Artificial Lift: Estimated Current Gas & Oil - Flowing: Measured Current All Gas Zones: Estimated or Measured Original	a. (Current) 584 psig	a.	a. 838 psig
	b. (Original) 2085 psig (est)	b.	b. 2992 psig (est)
6. Oil Gravity (° 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  Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data	Date: Rates:	Date: Rates:	Date: Rates:
	4/25/99 96 MCFD 0 BCPD 0 BWPD	4/25/99 33 MCFD 0.3 BCPD 0.2 BWPD	4/25/99 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    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? \_\_\_ Yes    x\_ 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 Untied States Bureau of Land Management has been notified in writing of this application. x\_ Yes    \_\_\_ No NO FEDERAL OR STATE LANDS
15. NMOC 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, Santa 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. UNIT P	Section 2	Township 30N	Range 11W	Lot. Idn	Feet from the 1120	North/South Line SOUTH	Feet from the 950	East/West Line EAST	County San Juan
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**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**

	<b>OPERATOR CERTIFICATION</b>	
	I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief	
	Signature	<i>Mary Corley</i>
	Printed Name	MARY CORLEY
	Position	Sr. Business Analyst
	Date	06/10/1999
	<b>SURVEY CERTIFICATION</b>	
	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.	
	10/01/1979	
	Date of Survey	
	Signature & Seal of Professional Surveyor	
	Fred B. Kerr, Jr.	
	Certificate No.	3950

13,309,100.26 FT. N  
36° 51' 44" N

13,309,100.26 FT. N  
36° 51' 44" N

992,049.54 FT. E  
107° 55' 56" E

1,007,550.46 FT. E  
107° 55' 56" E

34

31N-11W

31N-10W

2  
TIT 2  
NITCO OIL AND GAS  
300451004900  
DKOT

1  
ZELLY COLUMBI  
SOUTHWEST PROD  
300450977000  
DKOT

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

NO 1  
J S BOLDIRON & UNIT 11  
TERRACO OIL COMPANY  
300451311100  
DKOT

SAN JUAN

11  
NYC  
NITCO OIL AND GAS  
300450996300  
GARS ,DKOT ,DKOT

3

1  
ESTHER DIXON 1  
SOUTHWEST PRODUCTION  
300450900900  
DKOT

NO 1 11  
BLANCO COM 1 11  
TERRACO  
300452544400  
HVRO ,DKOT

NO 3 11  
NYC 3 11  
NITCO OIL AND GAS  
300452696600  
HVRO ,GARS ,DKOT

30N-11W

1  
TERRACO-11  
SOUTHWEST PROD  
300450975000  
DKOT

1  
STORCY & LS  
BLANCO PROD  
300450021100  
HVRO ,FRI 11 ,DKOT

30N-10W

1  
SIMPSON  
SOUTHWEST PROD  
300450907500  
DKOT

2  
CURRENT 2  
NITCO OIL AND GAS  
300452647000  
DKOT

13  
NYC OIL  
NITCO OIL  
300450975700  
DKOT

12

8  
STORCY O  
EL PASO NATURAL GAS  
300451185500  
FRILO ,DKOT

NO 11  
STORCY O IL  
TERRACO  
300452495900  
DKOT

10  
NYC-O  
NITCO 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 1-11N  
Dakota

POLYCONIC CENTRAL MERIDIAN - 107° 57' 34" W LONG  
SPHEROID - 6

SCALE 1 IN. = 2,000 FT. OCT 9, 1995

HORIZONTAL DATUM 1983

241232-10N-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

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

$$6855.5 \times 0.08 = 548$$

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

Initial Bottom Hole Pressure = 2992 est.

WELL NAME: Blanco Com 1 001A

FORMATION: MV

SURFACE PRESS: 264

PERFS TOP: 4325

BOTTOM: 4816

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

$$4570.5 \times 0.07 = 320$$

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

Initial Bottom Hole Pressure = 1263 est.

ALLOCATION

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

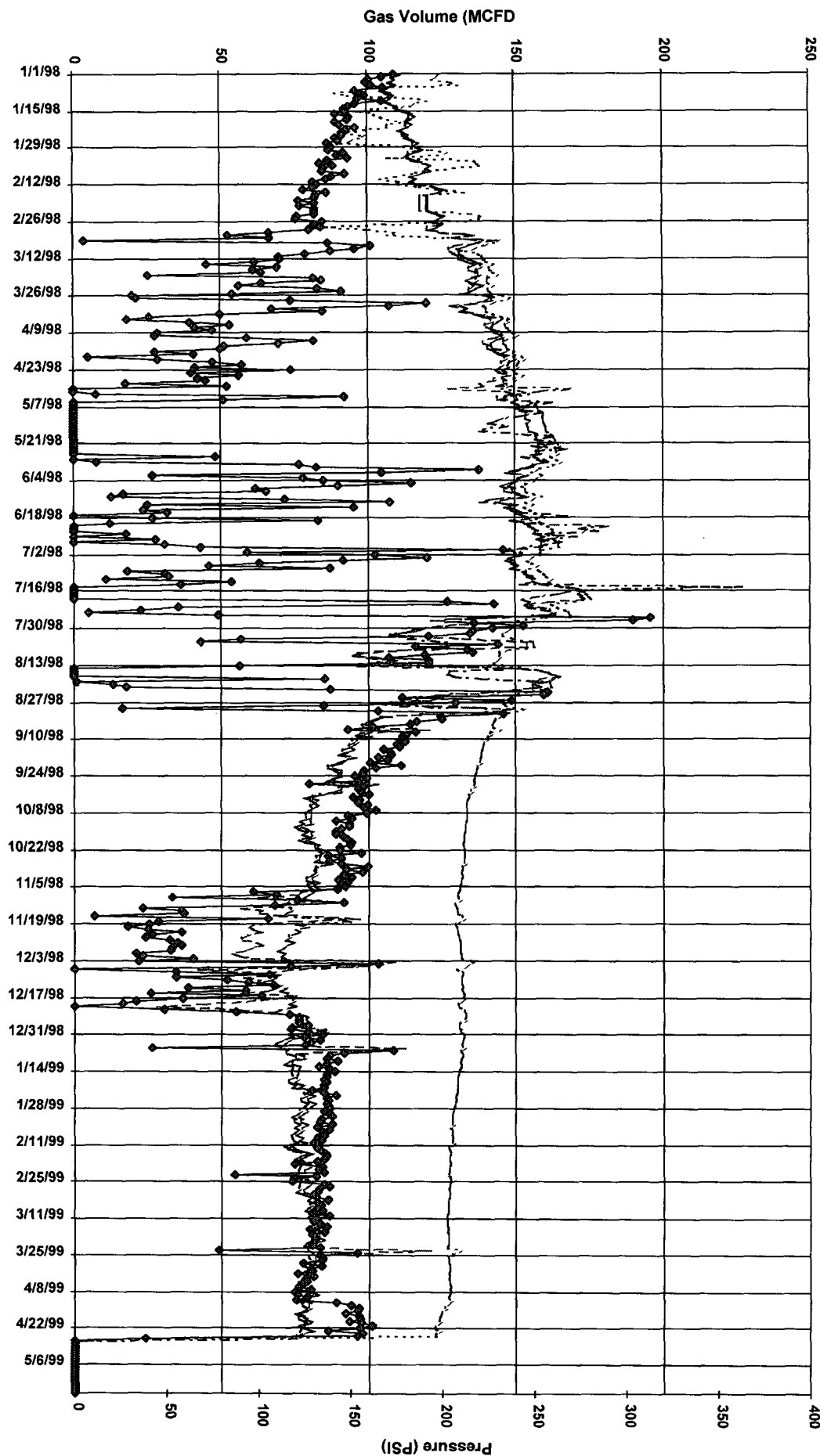


Wellname: BLANCO COM 1 001A-MV

Flacwell: 97979102

API: 300452544400

Amoco - OI DB/Synergy Data



Wellname: BLANCO COM 1 001A-DK

Flacwell: 97979101

API: 300452544400

Amoco - OI DB/Synergy Data

