

DATE IN 4/9/01	SUSPENSE 4/30/01	ENGINEER DC	LOGGED KN	TYPE DHC
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

201

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]

EGED
APR 9 2001
CONSERVATION DIVISION

[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] 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

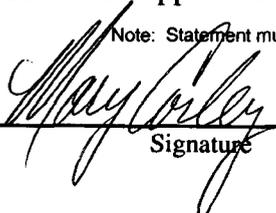
[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [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  Sr. Regulatory Analyst 04/04/2001
Print or Type Name Signature Title Date

District I
1625 N. French Drive, Hgbs, NM 88240

2000*

District II

811 South First Street, Artesia, NM 88210

District III

1000 Rio Brazos Road, Aztec, NM 87410

Pools

District IV

2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised May 15,

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87505

APPLICATION TYPE

Single Well

Establish Pre-Approved

EXISTING WELLBORE

Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Amoco Production Company

P. O. Box 3092 Houston, TX 77253

Operator

Address

Mudge B

1A

Unit J Section 21 T31N, R11W

San Juan

Lease

Well No.

Unit Letter-Section-Township-Range

County

OGRID No. 000778 Property Code 000876 API No. 30-045-23179 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Aztec Pictured Cliffs		Blanco Mesaverde
Pool Code	71280		72319
Top & Bottom of Pay Section (Perforated or Open-Hole Interval)	2438' - 2574'		4534' - 5102'
Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
Bottomhole Pressure	<i>N/A - added to Pre-Approved Pool list - Doc</i>		
Oil Gravity or Gas BTU (Degree API or Gas BTU)			
Producing, Shut-In or New Zone	Producing		Producing
Date and Oil/Gas/Water Rates of Last Production.	Date: 02/13/2001 Rates: 8 MCFD 0 BBLS	Date: Rates:	Date: 02/13/2001 Rates: 85 MCFD TSTM BBLS
Fixed Allocation Percentage	Oil 0 % Gas 8 %	Oil % Gas %	Oil 100 % Gas 92 %

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes 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 No

Will commingling decrease the value of production? Yes No

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 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.

SIGNATURE Mary Corley TITLE Sr. Regulatory Analyst DATE 04/04/2001

TYPE OR PRINT NAME Mary Corley TELEPHONE NO. (281) 366-4491

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-045-23179	Pool Code 71280 & 72319	Pool Name Aztec Pictured Cliffs & Blanco Mesaverde
Property Code 000906	Property Name Mudge B	Well Number 1A
OGRID No. 000778	Onerator Name AMOCO PRODUCTION COMPANY	Elevation 5838' GR

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 J	21	31N	11W		1550'	SOUTH	1710'	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: 320.99 MV 150.40 PC									
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>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. Regulatory Analyst</p> <p>Date: 04/04/2001</p>
	<p>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>Date of Survey: 07/25/1978</p> <p>Signature & Seal of Professional Surveyor: Fred B. Kerr Jr.</p> <p>Certificate No.: 3950</p>

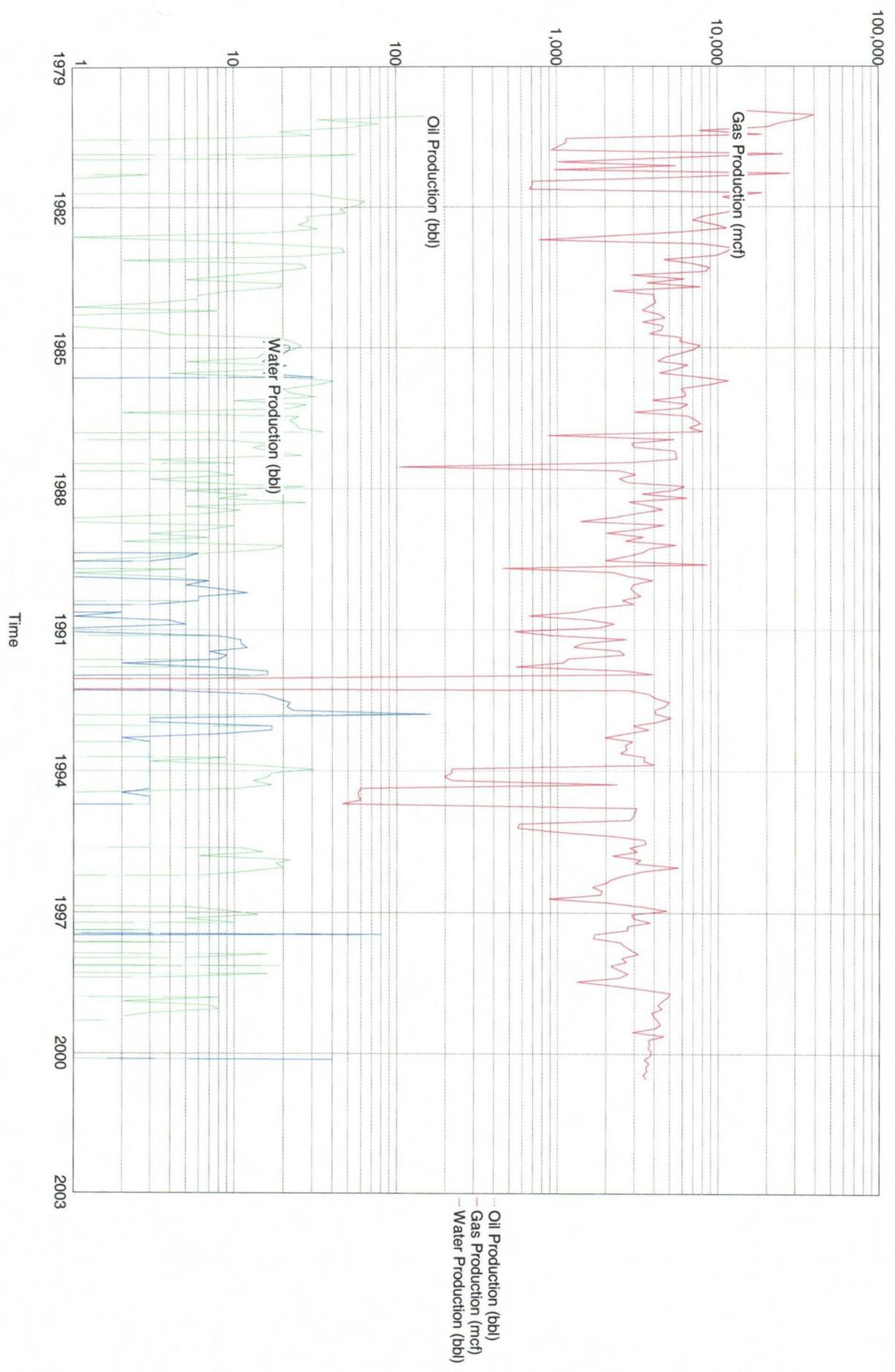
Mudge B Well 1A
Allocation Factor

ALLOCATION Based on 2000 Annual Production				
Formation	BBL	%	GAS	%
Mesaverde	2	100%	23000	92%
Pictured Cliffs	0	0%	2080	8%

Lease Name: MUDGE B
County, State: SAN JUAN, Unknown
Operator: AMOCO PRODUCTION COMPANY
Field: MULTIPLE
Reservoir: MULTIPLE
Location:

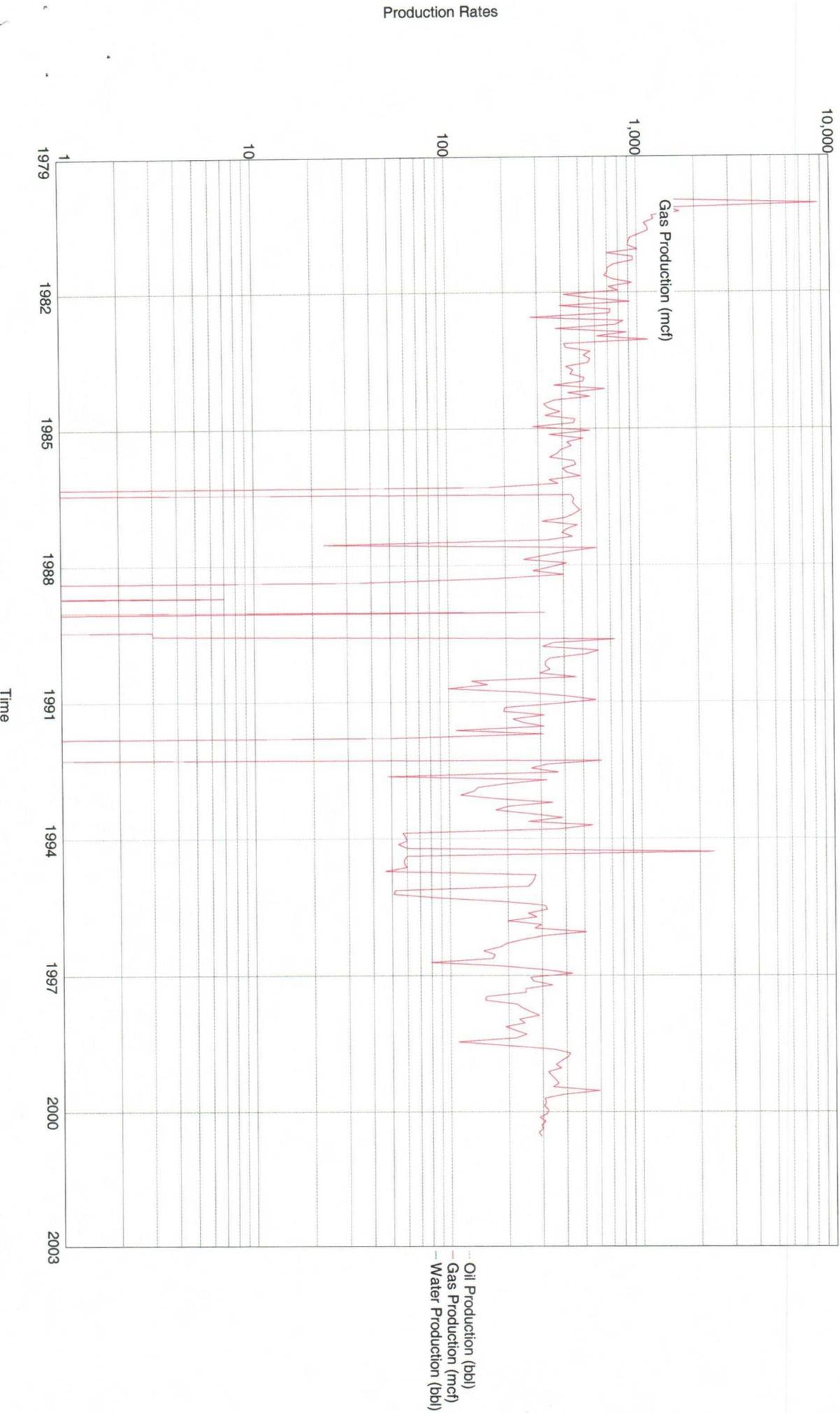
MUDGE B - MULTIPLE

Production Rates



Lease Name: MUDGE B
County, State: SAN JUAN, NM
Operator: AMOCO PRODUCTION COMPANY
Field: AZTEC
Reservoir: PICTURED CLIFFS
Location:

MUDGE B - AZTEC



Lease Name: MUDDGE B
County, State: SAN JUAN, NM
Operator: AMOCO PRODUCTION COMPANY
Field: BLANCO
Reservoir: MESAVERDE
Location:

MUDDGE B - BLANCO

Production Rates

