



**Southern
Rockies
Business
Unit**

July 29, 1996

Mr. William J. LeMay, 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
Bassett Com #1M Well
Unit L Section 33-T30N-R10W
Basin Dakota and Blanco Mesaverde Pools
San Juan County, New Mexico**

RECEIVED
AUG - 1 1996
OIL CON. DIV.
DIST. 3

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 if the ownership of those formations is not common. 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 his opinion, waste will not result thereby, and correlative rights will not be violated.

Should there be questions concerning this matter, please contact me at (303) 830-5344.

Sincerely,

Pamela W. Staley

Enclosures

cc: Mike Kutas
Patty Haefele
Wellfile
Proration File

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

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-A
New 3-12-96

OIL CONSERVATION DIVISION

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

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

APPROVAL PROCESS:

☒ Administrative ☐ Hearing

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

EXISTING WELLBORE

☒ YES ☐ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Amoco Production Company

P.O. Box 800 Denver, CO 80201

Operator
BASSETT COM

1M

Address
L-33-30N-10W

San Juan

Lease Well No. Unit Ltr. - Sec Twp - Rge

County

OGRID NO. 000778 Property Code 000308 API NO. 3004524918 Spacing Unit Lease Types: (check 1 or more)
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)	4187' - 4198' (TO BE SQZD) 4450' - 4790' (EXISTING)	RECEIVED AUG - 1 1996	6813' - 7010'
3. Type of production (Oil or Gas)	GAS	OIL CON. DIV. DIST. 3	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) 617 PSI b. (Original) 1238 PSI	a. b.	a. 753 PSI b. 2113 PSI
6. Oil Gravity (" API) or Gas BTU Content	1196 BTU		1122 BTU
7. Producing or Shut-In?	PRODUCING		PRODUCING
Production Marginal? (yes or no)	YES		YES
• 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:
• If Producing, give date and oil/gas/water rates of recent test (within 90 days)	5/96 80 MCFD 0.21 BCPD	Date: Rates:	5/96 60 MCFD 0.22 BCPD

All distances must be from the outer boundaries of the Section.

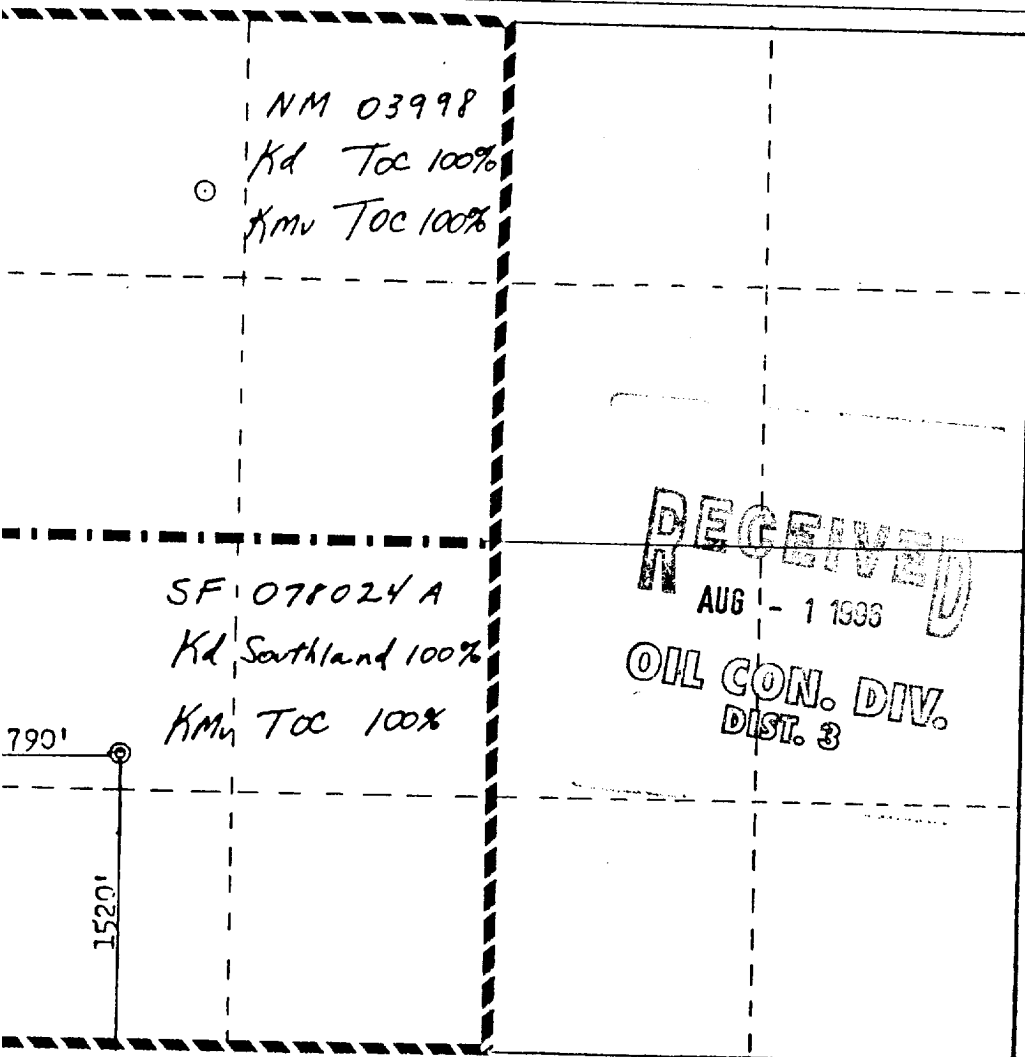
Operator TENNECO OIL COMPANY			Lease BASSETT GAS UNIT		Well No. 1M
Unit Letter L	Section 33	Township 30N	Range 10W	County San Juan	
Actual Footage Location of Well: 1520 feet from the South line and 790 feet from the West line					
Ground Level Elev. 6029	Producing Formation MESAVERDE / WAKOTA		Pool BLANCO MESAVERDE / BASIN WAKOTA	Dedicated Acreage: 320 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

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

R. A. Mishler
Name

R. A. Mishler

Position

Sr. Production Analyst

Company

Tenneco Oil Company

Date

January 27, 1981

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.

Date Surveyed

January 19, 1981

Registered Professional Engineer and Land Surveyor

Fred B. Ketter
Fred B. Ketter

Certificate No.

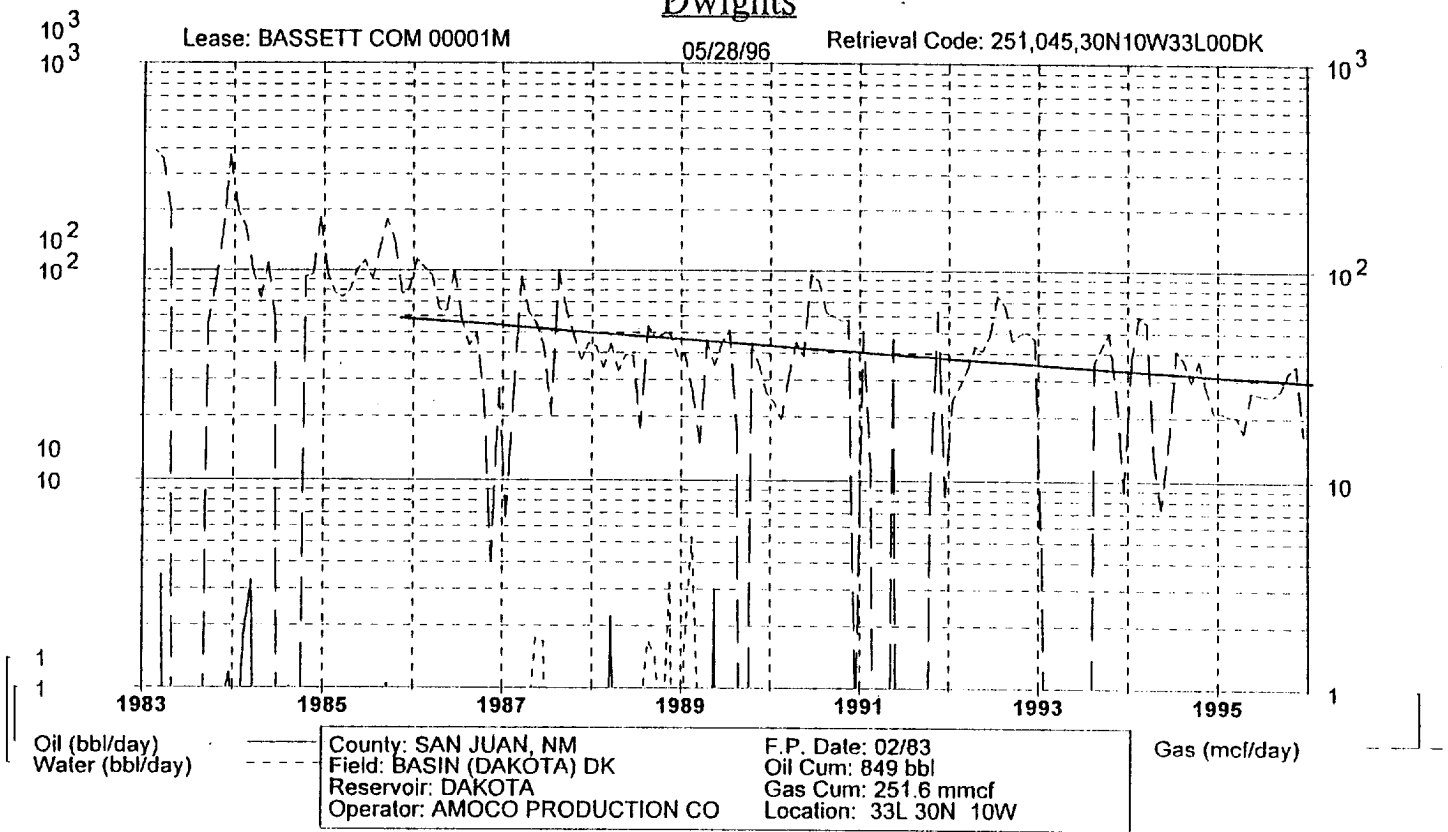
3950

Dwights

Lease: BASSETT COM 00001M

05/28/96

Retrieval Code: 251,045,30N10W33L00DK



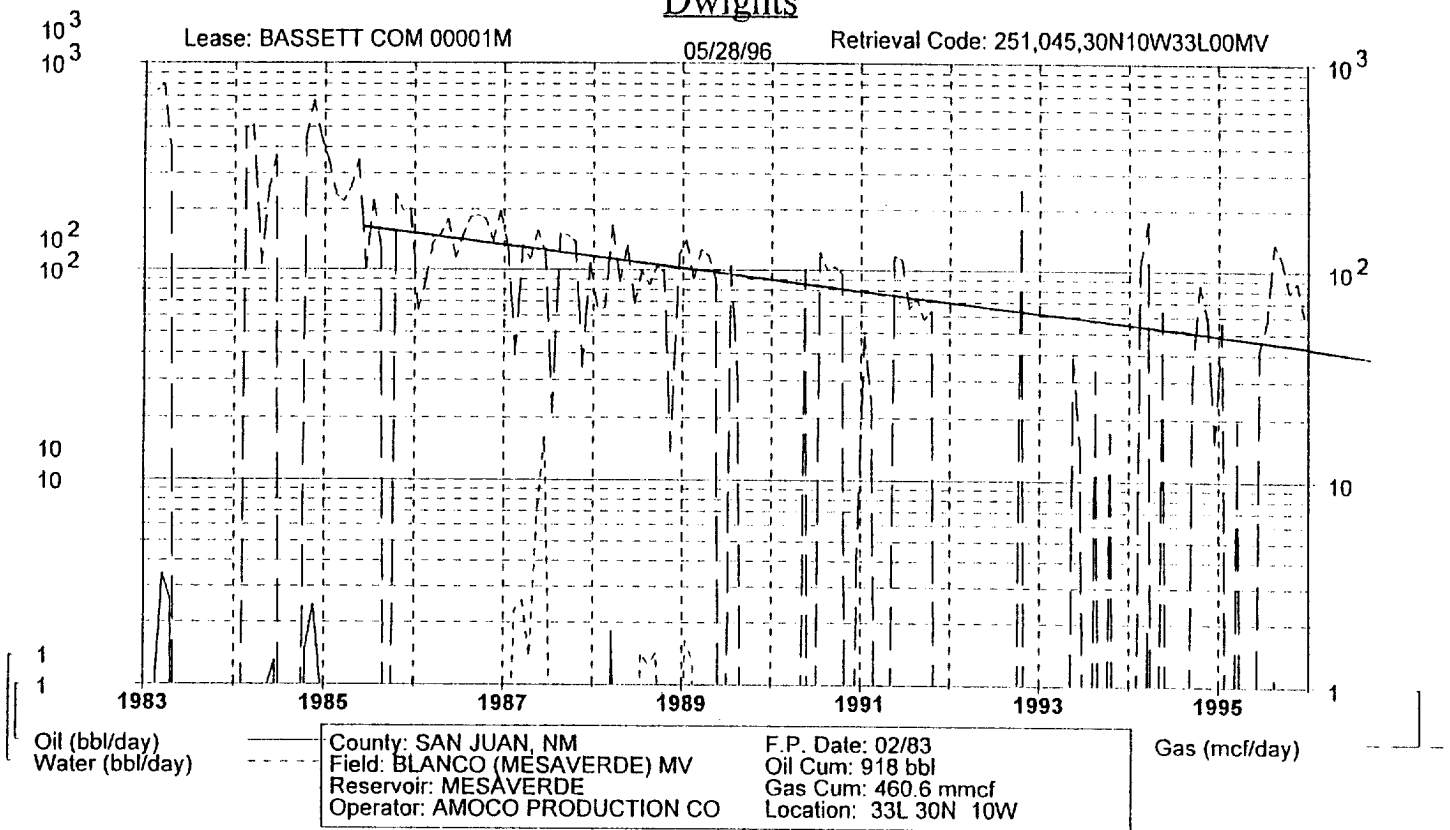
$$D_i = \ln \frac{50}{45} = 10.5\%$$

Dwights

Lease: BASSETT COM 00001M

05/28/96

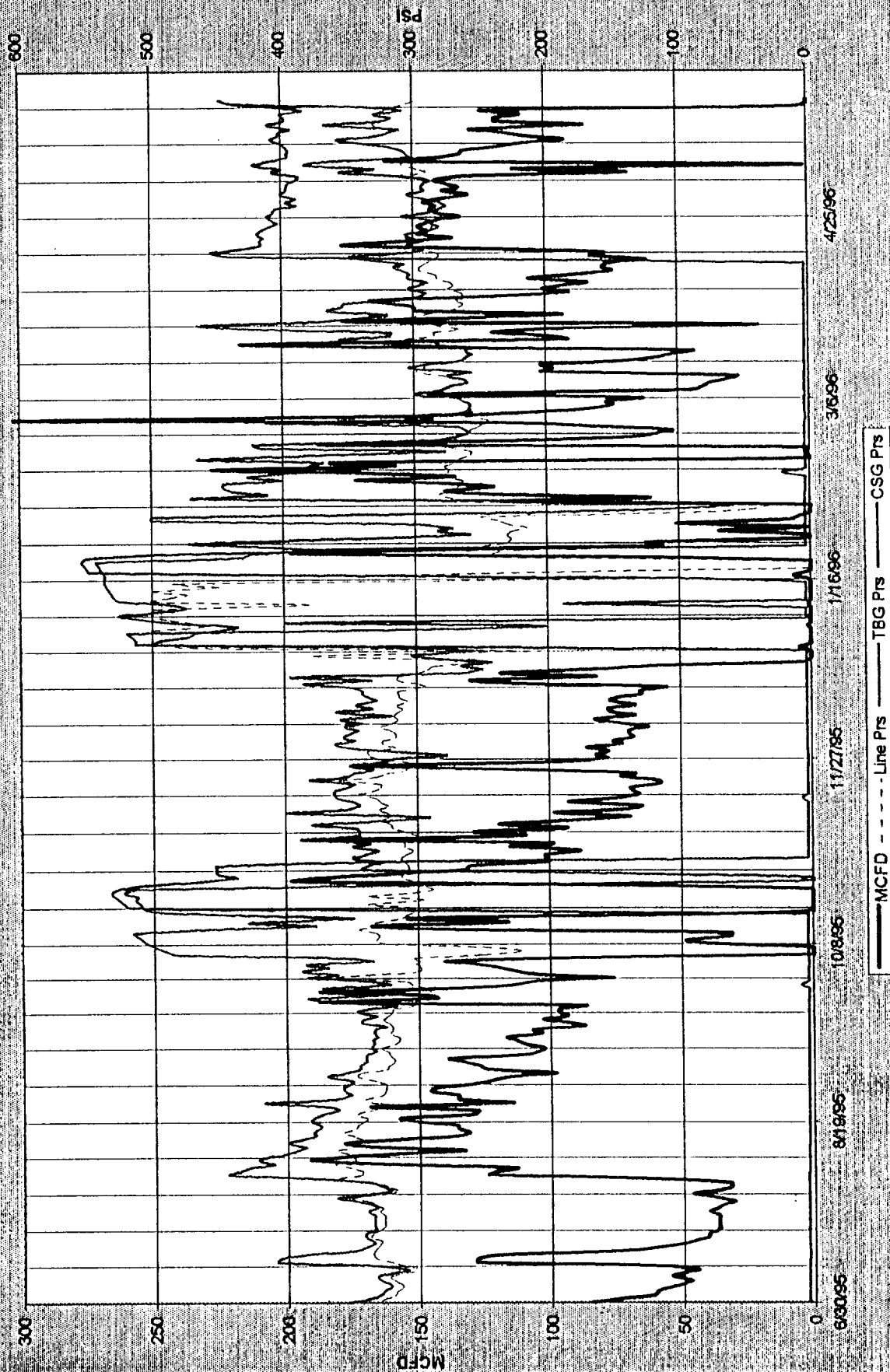
Retrieval Code: 251,045,30N10W33L00MV



$$D_i = \ln \frac{90}{80} = 11.8\%$$

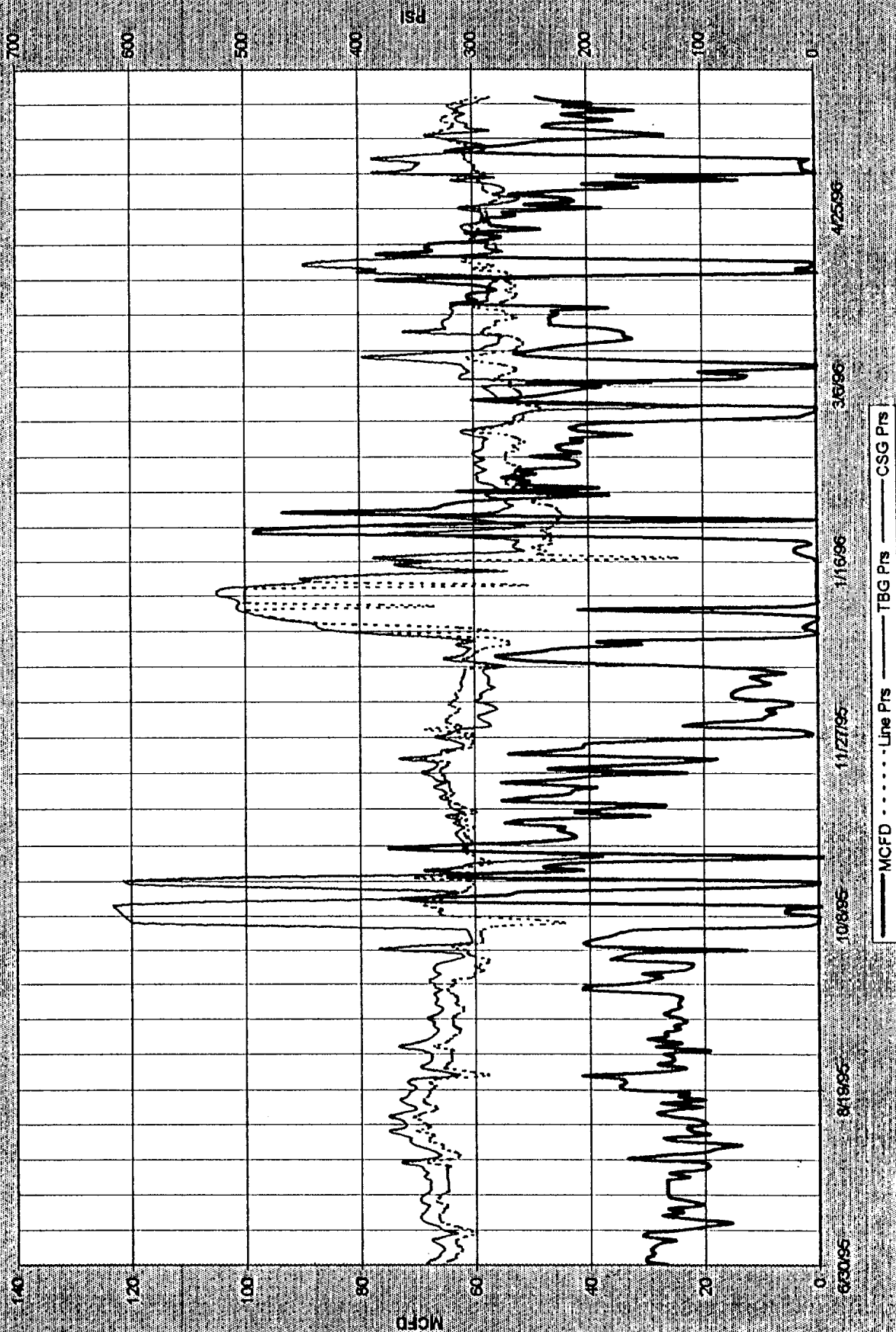
BASSETT Chart 2

Bassett Com 1M — MesaVerde



BASSETT Chart 1

Bassett Com 1M - Dakota



ESTIMATED BOTTOMHOLE PRESSURES BY FORMATION
Bassett Com #1M

MV midperf at 4620'
DK midperf at 6912'

10/95 shut in pressures --- MV = 525 PSIG
DK = 615 PSIG

GRADIENT = 0.02 PSI/FT

MV BHP = 525 PSIG + 4620' X 0.02 PSIG
= 617 PSIG

DK BHP = 615 PSIG + 6912' X 0.02 PSIG
= 753 PSIG

OFFSET OPERATORS
Bassett Com #1M

Conoco, Inc.
10 Desta Drive West
Midland, Texas 79705

Meridian Oil, Inc.
P.O. Box 4289
Farmington, NM 87499

Texaco E&P Inc.
P.O. Box 2100
Denver, Colorado 80201