



September 17, 1996

Mr. William J. LeMay, Director
New Mexico Oil Conservation Division
2040 S. Pacheco Street
P. O. Box 6429
Santa Fe, NM 87505

Southern

Rockies

Business

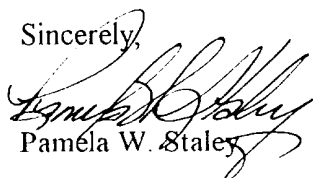
Unit

Application for Exception to Rule 303-A- Downhole Commingling
Tapp LS #4 Well
Unit M Section 16-T28N-R8W
Aztec Pictured Cliffs and Blanco Mesaverde 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 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: Mark Rothenberg
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

RECEIVED
SEP. 23 1996
OIL CON. DIV.
DIST. 3

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

DISTRICT II
311 South First St., Artesia, NM 86210-2635

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

DISTRICT III
1000 Rio Brazos Rd. Aztec, NM 87410-1893

OIL CONSERVATION DIVISION
APPLICATION FOR DOWNHOLE COMMINGLING

APPROVAL PROCESS:
☒ Administrative ☐ Hearing
EXISTING WELLBORE
☒ YES ☐ NO

Amoco Production Company		P.O. Box 800 Denver, CO 80201	
Operator TAPP LS	4	Address M-16-28N-8W	San Juan
Lease	Well No.	Unit Ltr. - Sec Twp - Rge	County
Spacing Unit Lease Types: (check 1 or more)			
OGRID NO. 000778	Property Code 001161	API NO. 3004507412	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	AZTEC PICTURED CLIFFS 71280		BLANCO MESAVERDE 72319
2. Top and Bottom of Pay Section (Perforations)	2182' - 2256'		3826' - 4554'
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: Gas & Oil - Flowing: All Gas Zones: Estimated or Measured Original	a. (Current) 460 PSI b. (Original) 990 PSI	RECEIVED SEP 23 1996 OIL CON. DIV. DIST. 3 b.	a. 610 PSI b. 1160 PSI
6. Oil Gravity (° API) or Gas BTU Content	1155 BTU		1233 BTU / 49 DEG API
7. Producing or Shut-In?	PRODUCING		PRODUCING
Production Marginal? (yes or no)	YES		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:
• If Producing, give date and oil/gas/water rates of recent test (within 60 days)	9/2 11 MCFD 0 BCPD 0 BWPD	Date: Rates:	9/2 92 MCFD 0 BCPD 0 BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 0 % Gas 10 %	Oil: % Gas %	Oil: 100 % Gas 90 %

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 communized 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 SF-078499
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.
* 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 Pamela W. Staley TITLE REGULATORY AFFAIRS ENGR DATE 9/16/96
TYPE OR PRINT NAME PAMELA W. STALEY TELEPHONE NO. (303) 830-5344

NEW MEXICO OIL CONSERVATION COMMISSION
Well Location and Acreage Dedication Plat

Section A.

Date **JANUARY 31, 1958**

Operator **EL PASO NATURAL GAS COMPANY** Lease **TAPP** SF **078499**
 Well No. **4 (PM)** Unit Letter **L** Section **16** Township **28 N** Range **8 N** N1/4 PM
 Located **800** Feet From **SOUTH** Line **840** Feet From **WEST** Line
 County **SAN JUAN** G. L. Elevation **5768** Dedicated Acreage **320 & 160** Acres
 Name of Producing Formation **MESA VERDE & PICTURED CLIFF** Pool **BLANCO MV AND AZTEC PC EXT.**

1. Is the Operator the only owner in the dedicated acreage outlined on the plat below?
 Yes ☒ No ☐
2. If the answer to question one is "no", have the interests of all the owners been consolidated by communitization agreement or otherwise? Yes ☐ No ☐ If answer is "yes", Type of Consolidation.
3. If the answer to question two is "no", list all the owners and their respective interests below:

Owner

Land Description

RECEIVED**MAR 1 1958**U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

Section B.

This is to certify that the information
in Section A above is true and complete
to the best of my knowledge and belief.

El Paso Natural Gas Company

(Operator)

ORIGINAL SIGNED H.E. McANALLY

(Representative)

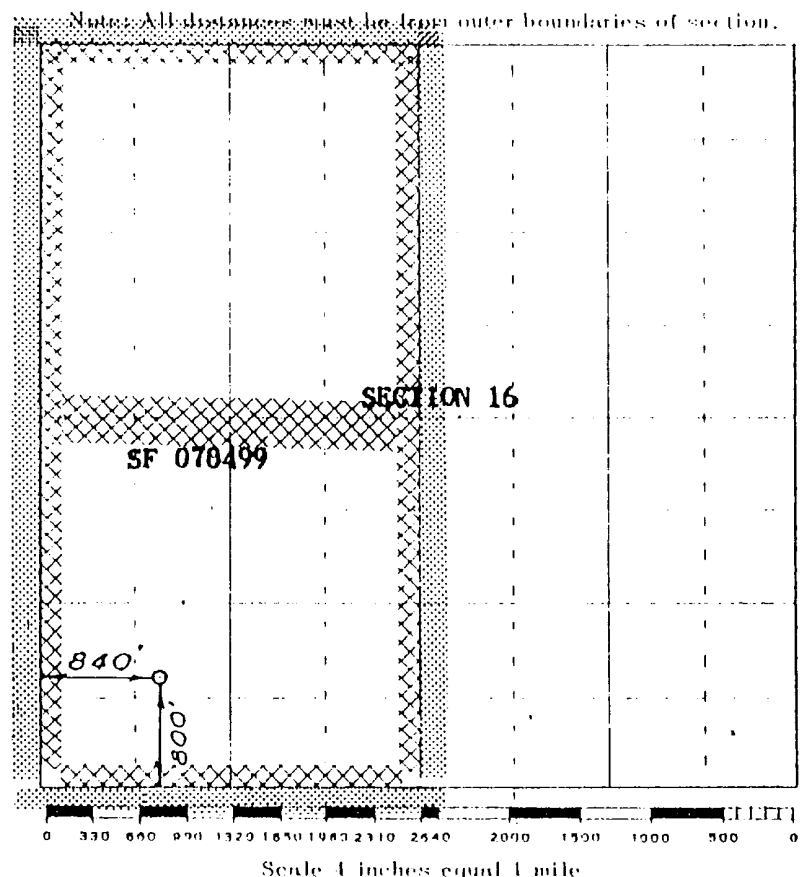
Box 997

(Address)

Farmington, New Mexico

**NOTE: THIS PLAT IS RE-ISSUED TO
SHOW CORRECTED ELEVATION.
2 2 55**

**NOTE: THIS PLAT IS RE-ISSUED TO
SHOW NEW LOCATION. 2 24 55**



This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

(Seal)

Date Surveyed **SEPTEMBER 22, 1957***David O. Kilmer*

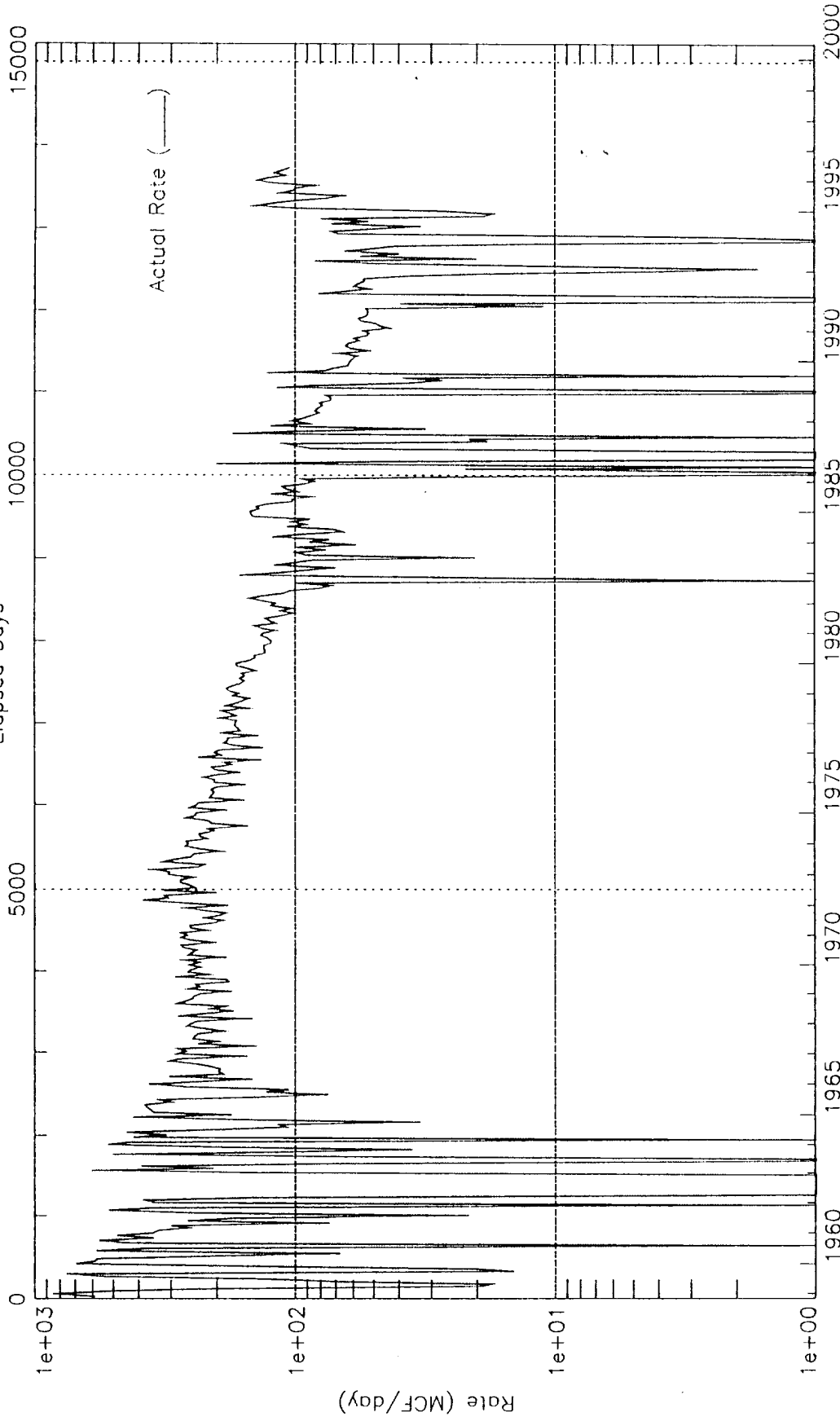
Registered Professional Engineer and Geologist

Farmington, New Mexico

User: zmdr16
Owner: zpae06

Single Well Gas3D

Tapp LS 4 T28N R08W sec
Tue Sep 3 15:10:51 1996



MV

Cum Gas= 2233.90 MMCF

Date (Years)

Well ID: 300450741200(604MVRD)

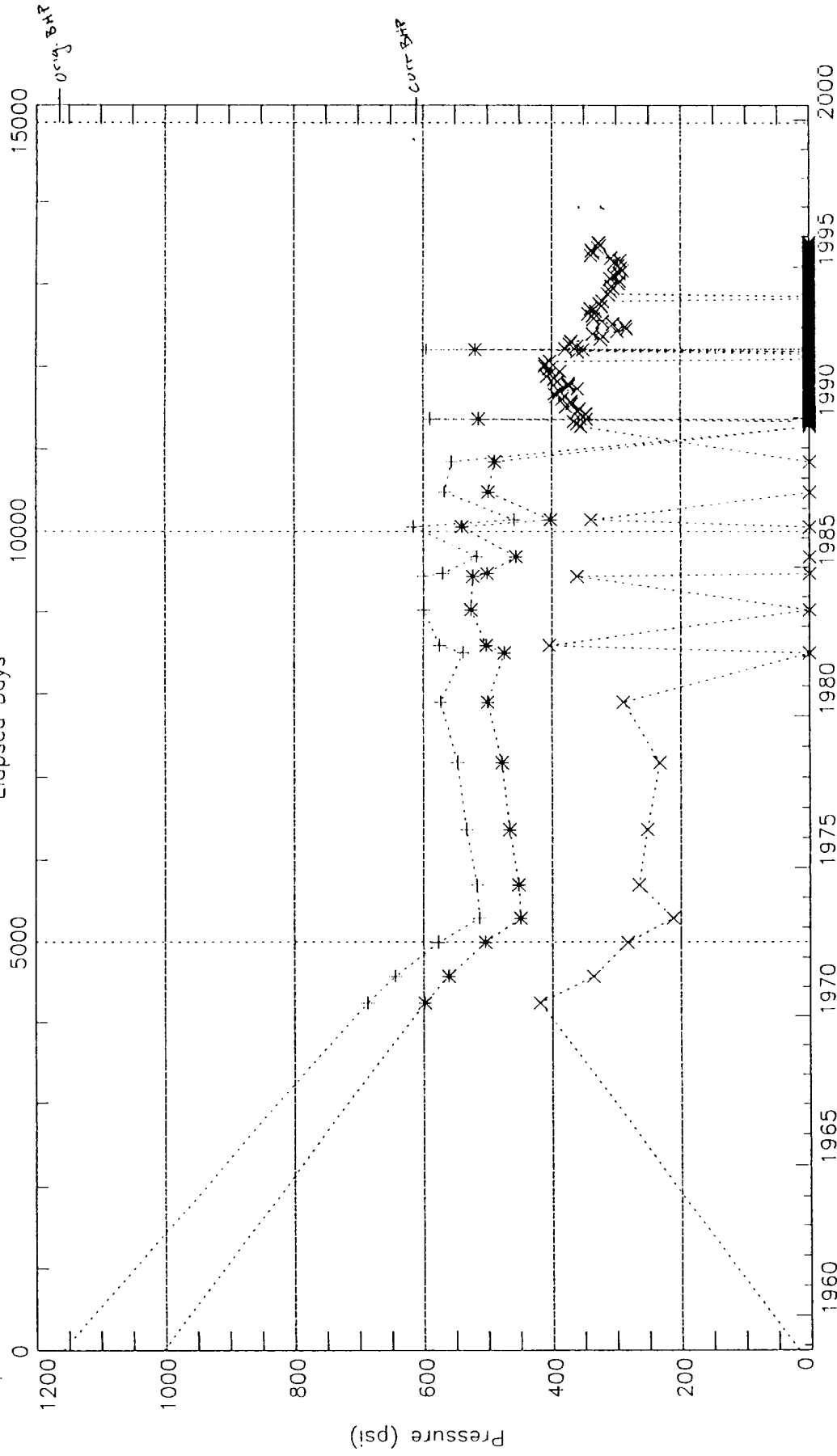
Well Name: TAPP LS 1,3,4,1A,3A,4A 004M16

Operator: AMOCO PRODUCTION COMPANY

User: zmdr16
Owner: zpa06

Single Well Gas3D

Tapp LS 4 T28N R08W sec
Tue Sep 3 15:10:48 1996



MV

Date (Years)

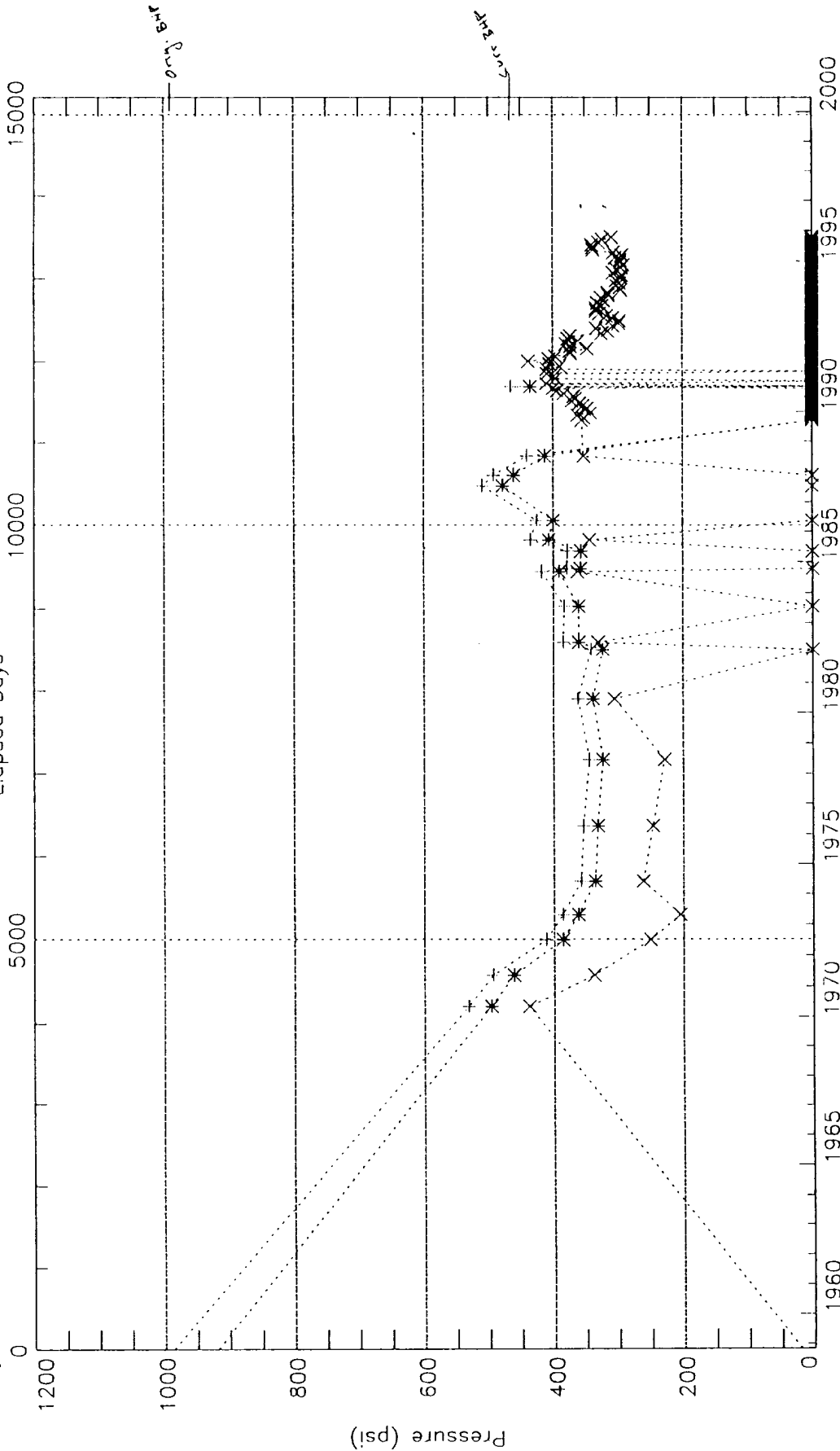
WH_SIP (*)
BHP (+)
WH_FTP (x)

Well ID: 300450741200-604MVRD
Well Name: TAPP LS 1,3,4,1A,3A,4A 004M16
Operator: AMOCO PRODUCTION COMPANY

User: zmdr16
Owner: zbjl02

Single Well Gas3D

Prediction
Tue Sep 3 15:10:02 1996



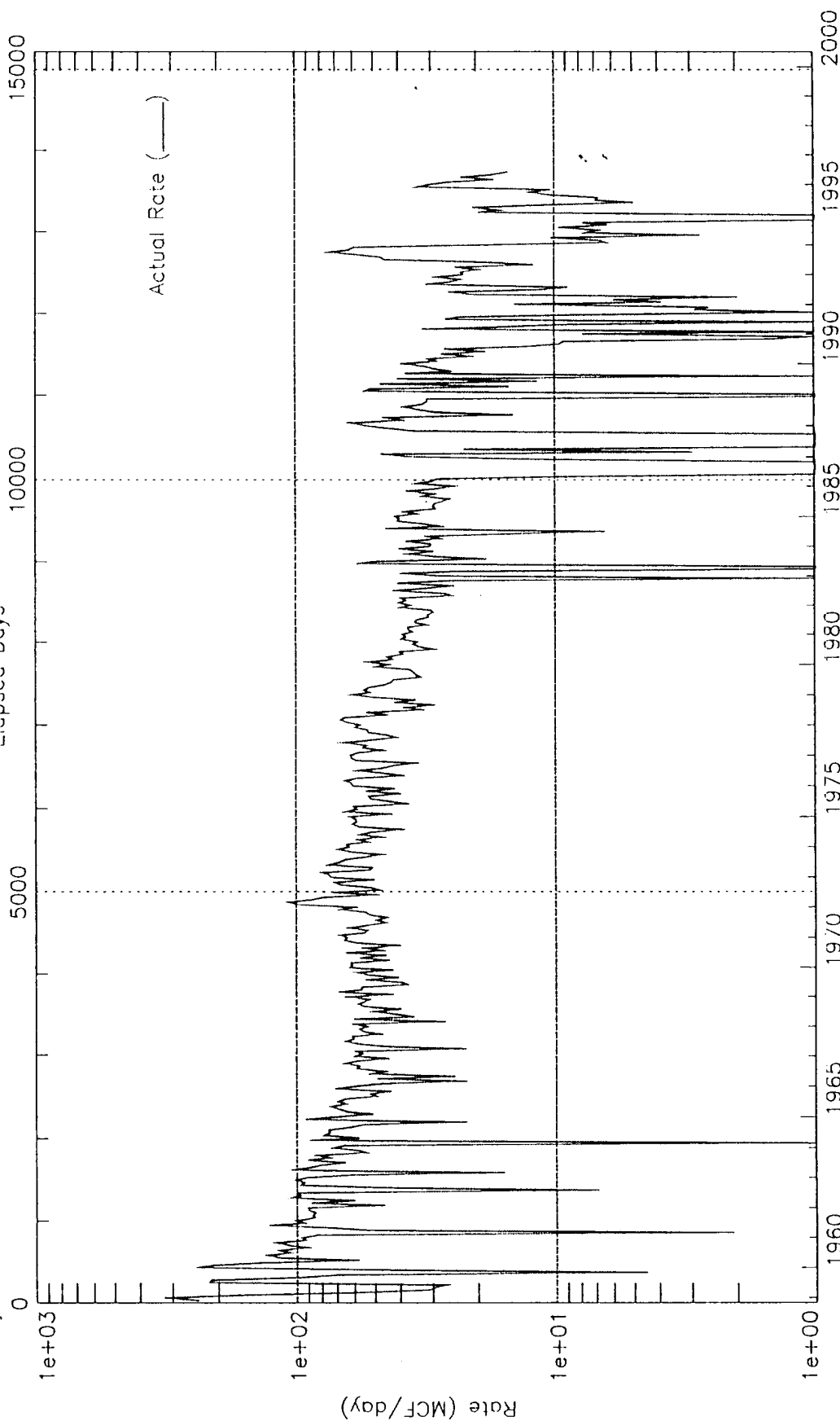
PC

Well ID: 300450741200 (604PCCF)
Well Name: TAPP LS 3-10 /PC/ 004M16
Operator: AMOCO PRODUCTION COMPANY

User: zmdr16
Owner: zbjl02

Single Well Gas3D

Prediction
Tue Sep 3 15:10:10 1996



Cum Gas= 643.92 MMCF

Date (Years)

PC

Well ID: 300450741200 604PCCF
Well Name: TAPP LS 3-10 /PC/ 004M16
Operator: AMOCO PRODUCTION COMPANY

OFFSET OPERATORS

Tapp LS #4

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