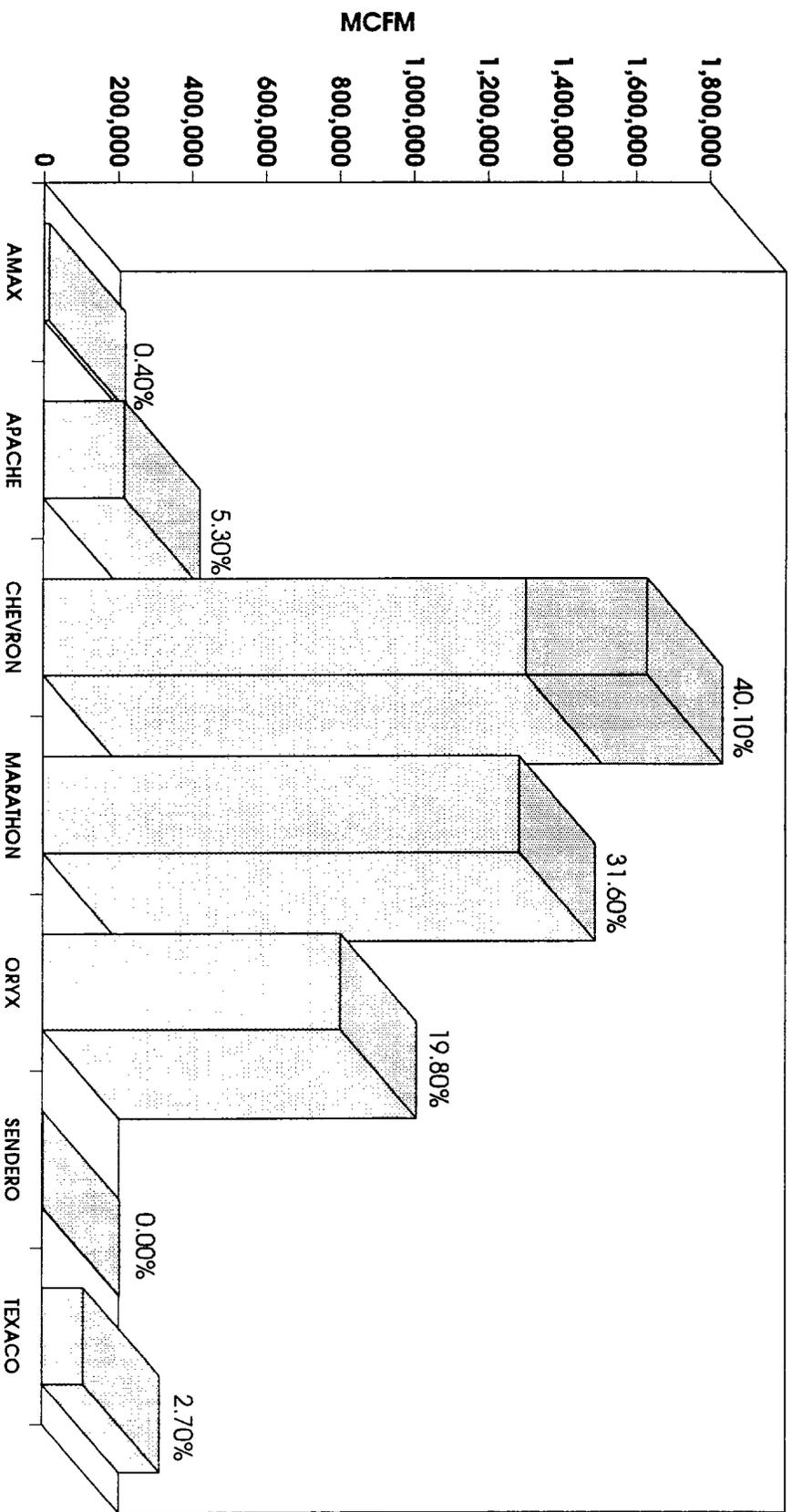


Chevron Exhibits 1 through 6

Indian Basin Upper Penn Pool

Production by Operator

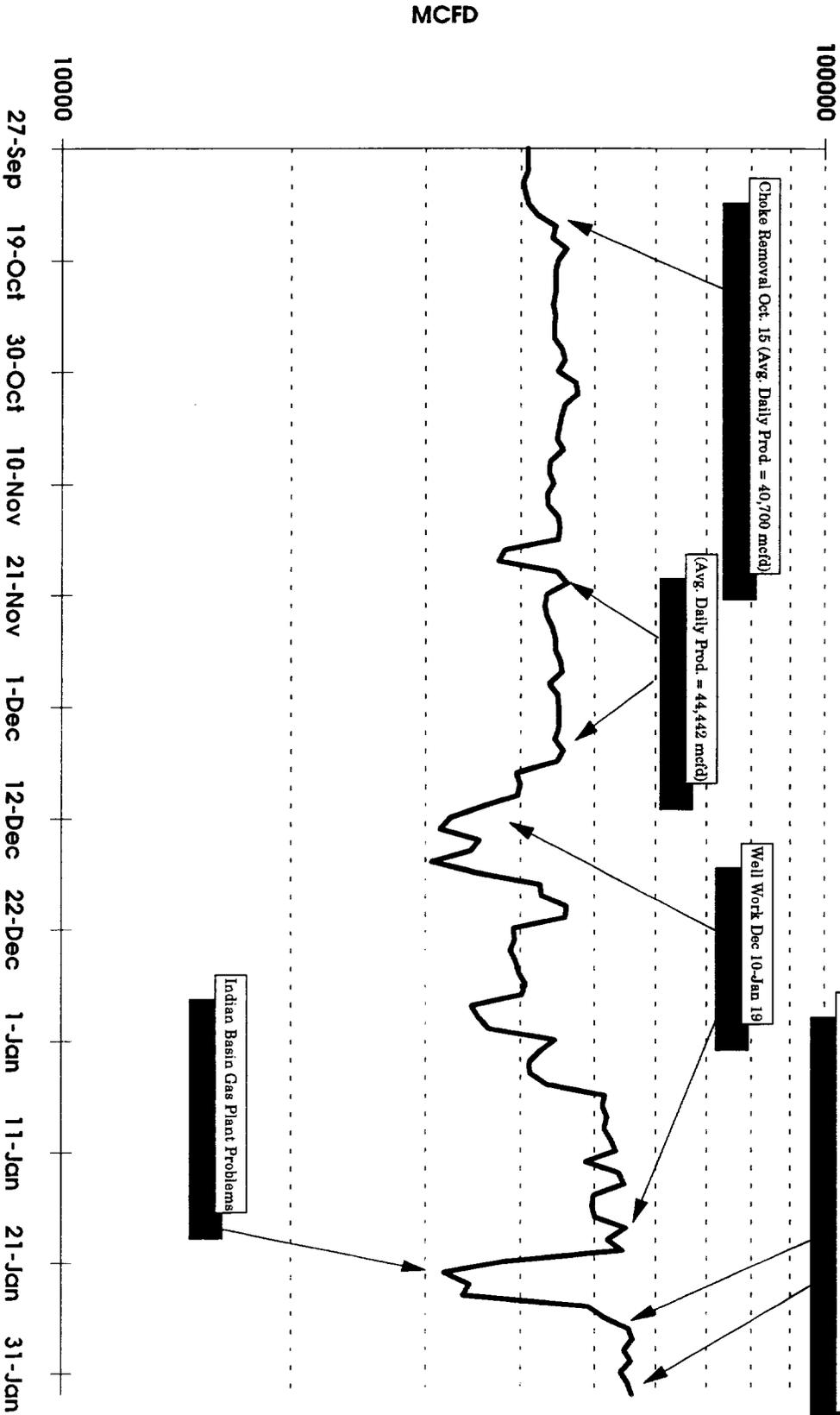


November Production Chevron Workover Results

10/5/12
Chevron U.S.A.
2/25/13

INDIAN BASIN POOL

CHEVRON OPERATED PRODUCTION



10412
 CHEVRON U.S.A.
 Date 2/25/93

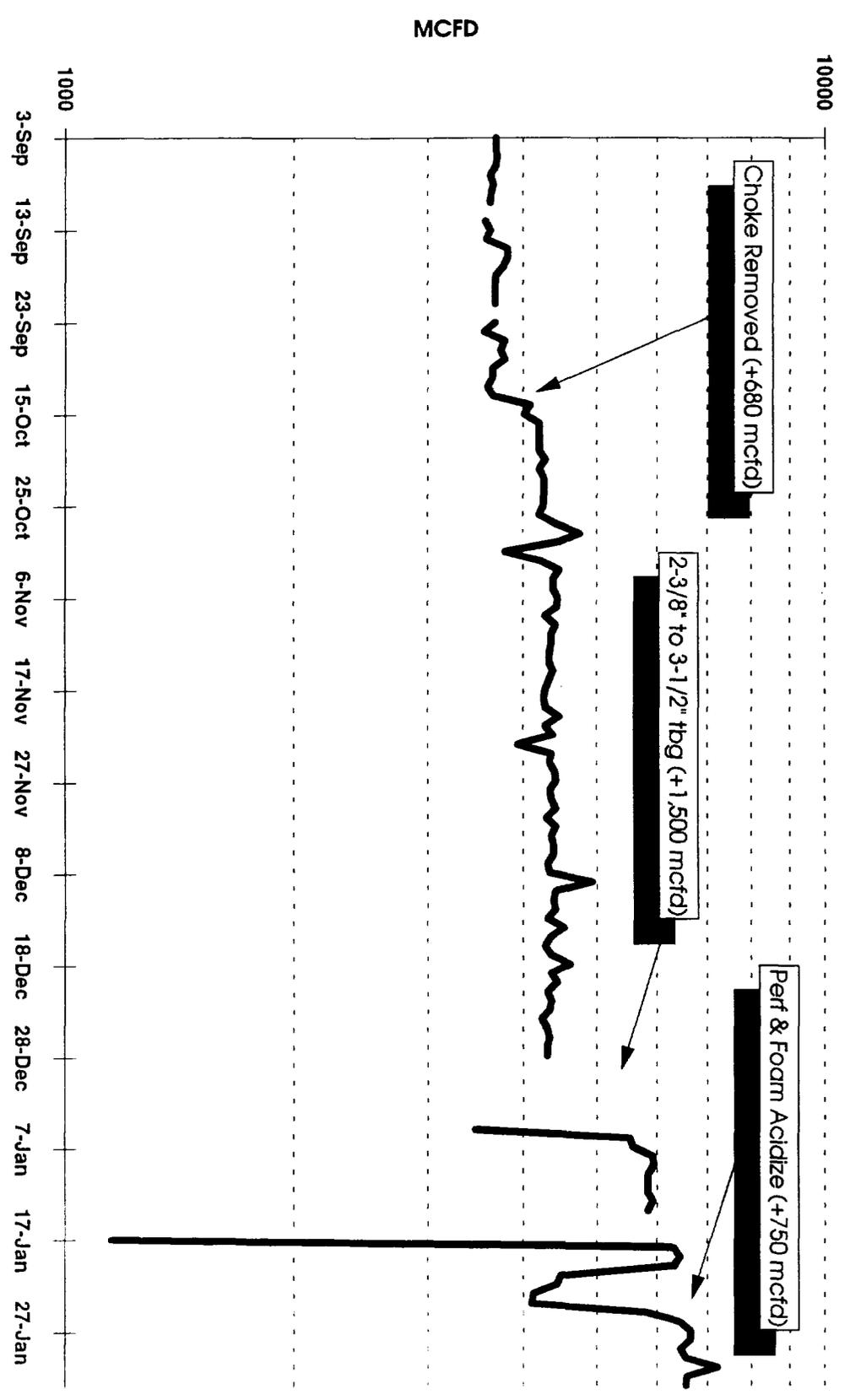
19/072

3

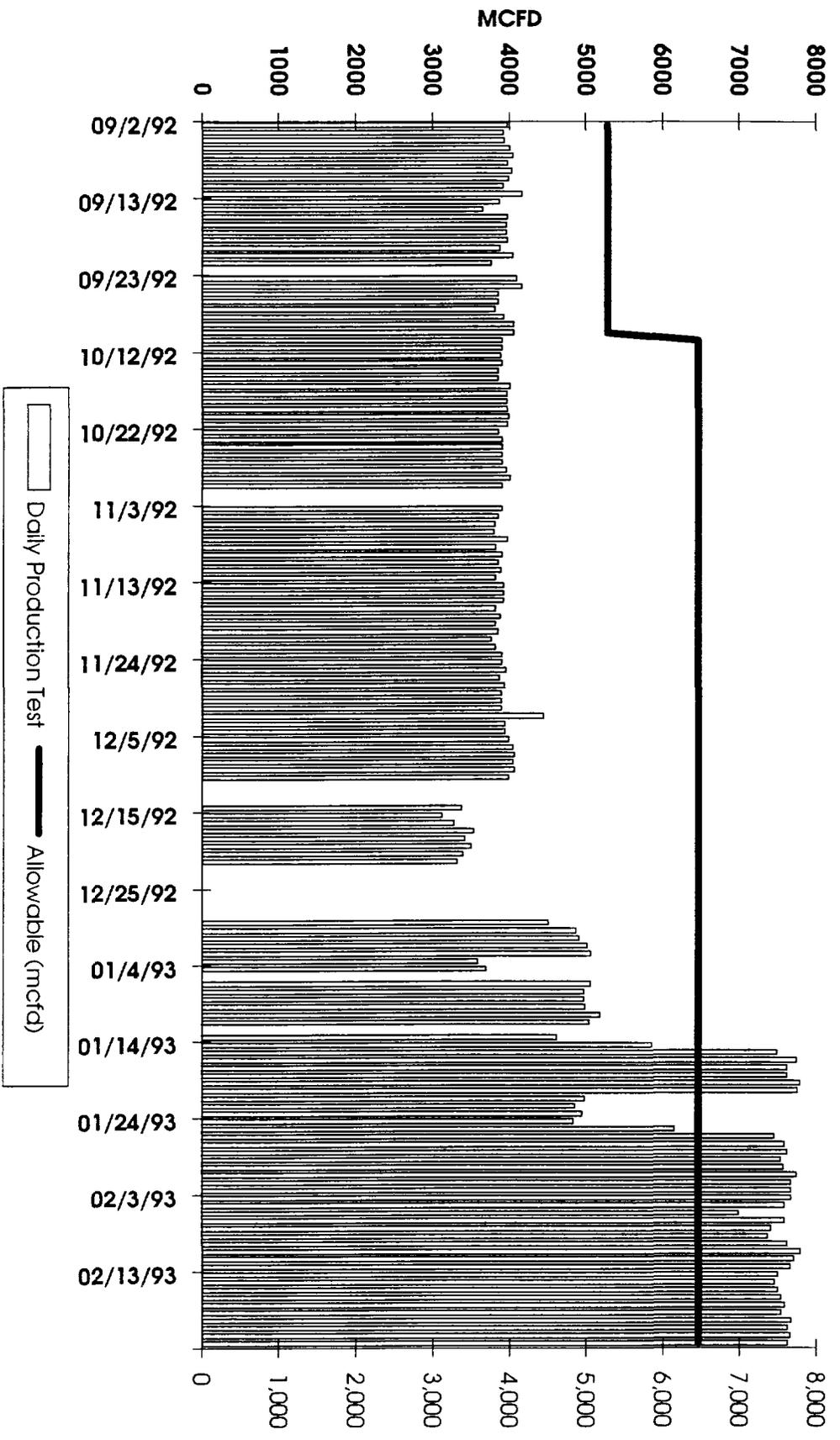
CHEVRON U.S.A.

2/25/93

Chevron's Federal Gas Com '33' # 1

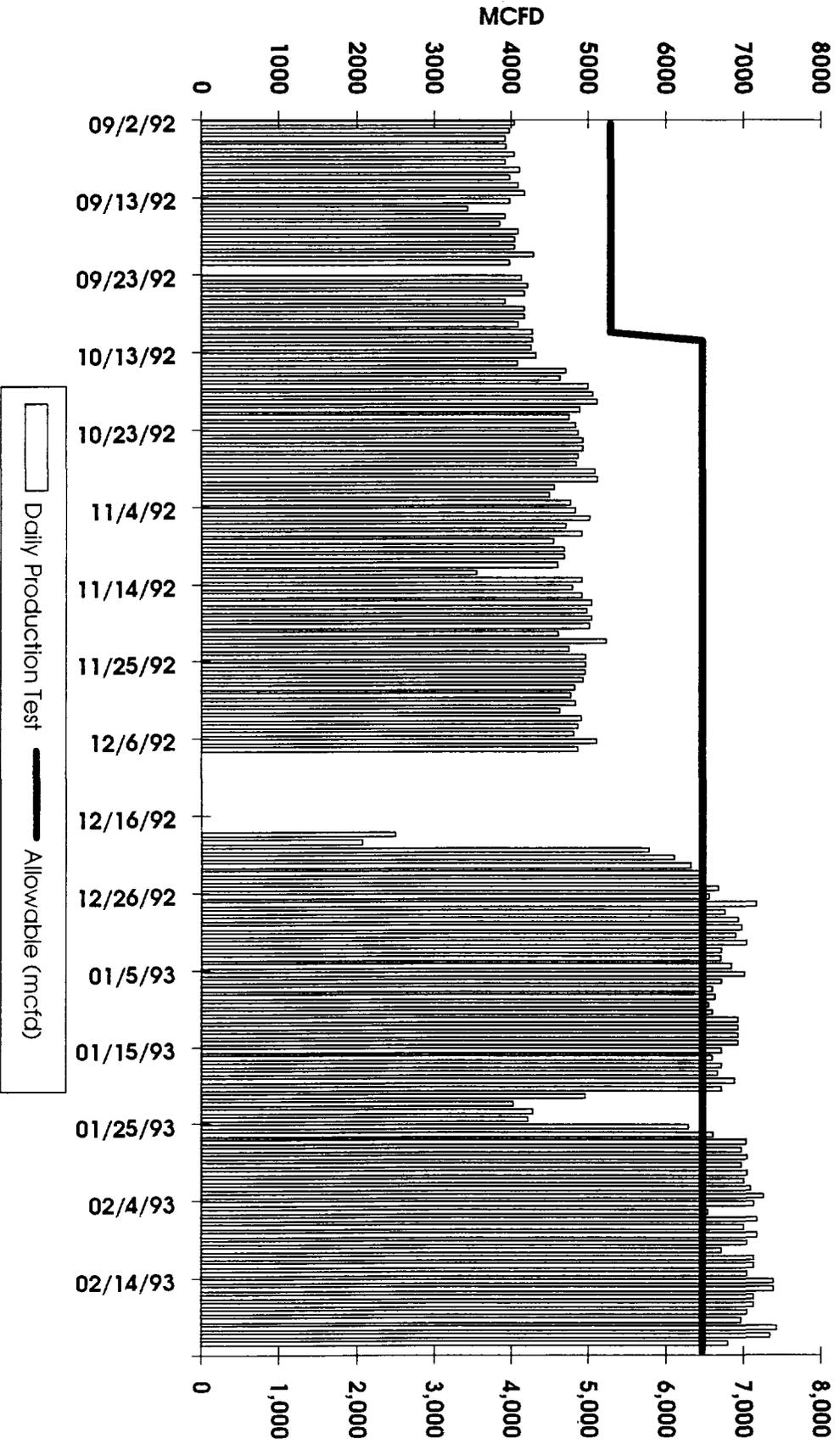


CHEVRON'S BOGLE FLATS UNIT #3



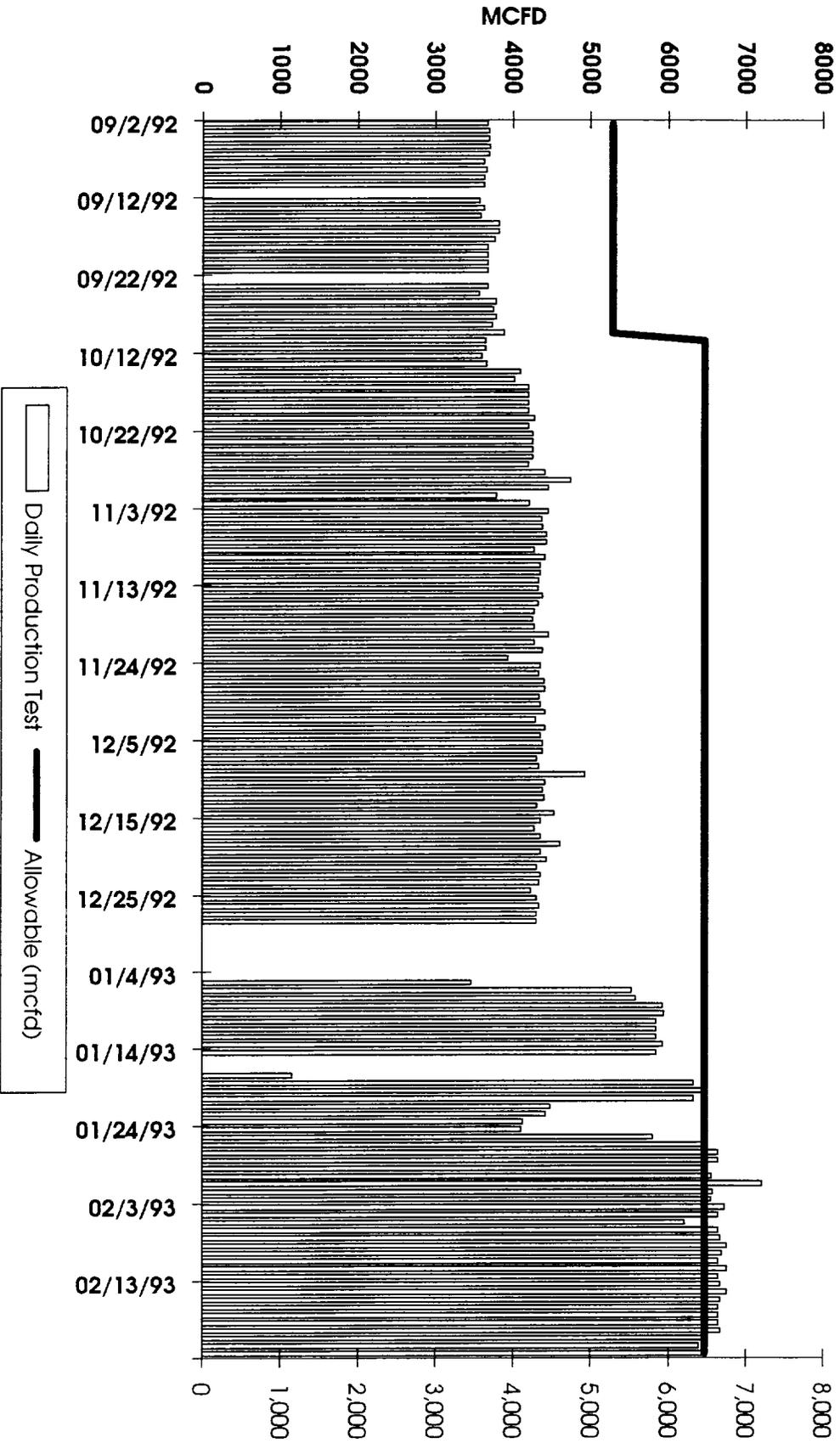
1992
Chevron U.S.A.
2/25/93

CHEVRON'S BOGLE FLATS UNIT #4



10/6/92
 CHEVRON USA
 2/25/93

CHEVRON'S FEDERAL GAS COM '33' # 1



Approved by *Chevron* *4.2.8*
 Planning Date 2/25/93

*Amoco Exhibit 1
Complete*

AMOCO RECOMMENDED POOL ALLOWABLES
NORTHWEST NEW MEXICO
APRIL 93 - SEPTEMBER 93

	<u>BASIN</u>	<u>BLANCO</u>	<u>BLANCO</u>	<u>TAPACITO</u>
NMOC D PRELIMINARY ESTIMATE	8,171,546	14,317,142	1,257,285	234,942
AMOCO RECOMMENDED ADJUSTMENT	1,500,000	2,900,000	100,000	75,000
MONTHLY POOL ALLOWABLE	9,671,546	17,217,142	1,357,285	309,942

AMOCO RECOMMENDED POOL ALLOWABLES
NORTHWEST NEW MEXICO
APRIL 93 - SEPTEMBER 93

	<u>BASIN</u>	<u>BLANCO</u>	<u>BLANCO</u>	<u>DAKOTA</u>	<u>MESAVERDE</u>	<u>P.C. SOUTH</u>	<u>TAPACITO</u>
NMOC D PRELIMINARY ESTIMATE				8,171,546	14,317,142	1,257,285	234,942
AMOCO RECOMMENDED ADJUSTMENT				1,500,000	2,900,000	100,000	75,000
MONTHLY POOL ALLOWABLE				9,671,546	17,217,142	1,357,285	309,942

EXXON Exhibit 1
Complete

Tubb Prorated Gas Pool

April-October 1993 Allowables

NMOCD proposed pool monthly allowable	288,492 mcf/mo.
Wells which remain limited by allowable	5 wells
Additional capacity which would be limited by proposed allowable	<i>add</i> 5,928 mcf/mo.

Exhibit No. 1
Exxon Corporation
Case No. 10672
February 25, 1993

Tubb Prorated Gas Pool

April-October 1993 Allowables

NMOCD proposed pool monthly allowable	288,492 mcf/mo.
Wells which remain limited by allowable	5 wells
Additional capacity which would be limited by proposed allowable	5,928 mcf/mo.

NORTHWEST NEW MEXICO

REASONS FOR INCREASED PRODUCTION:

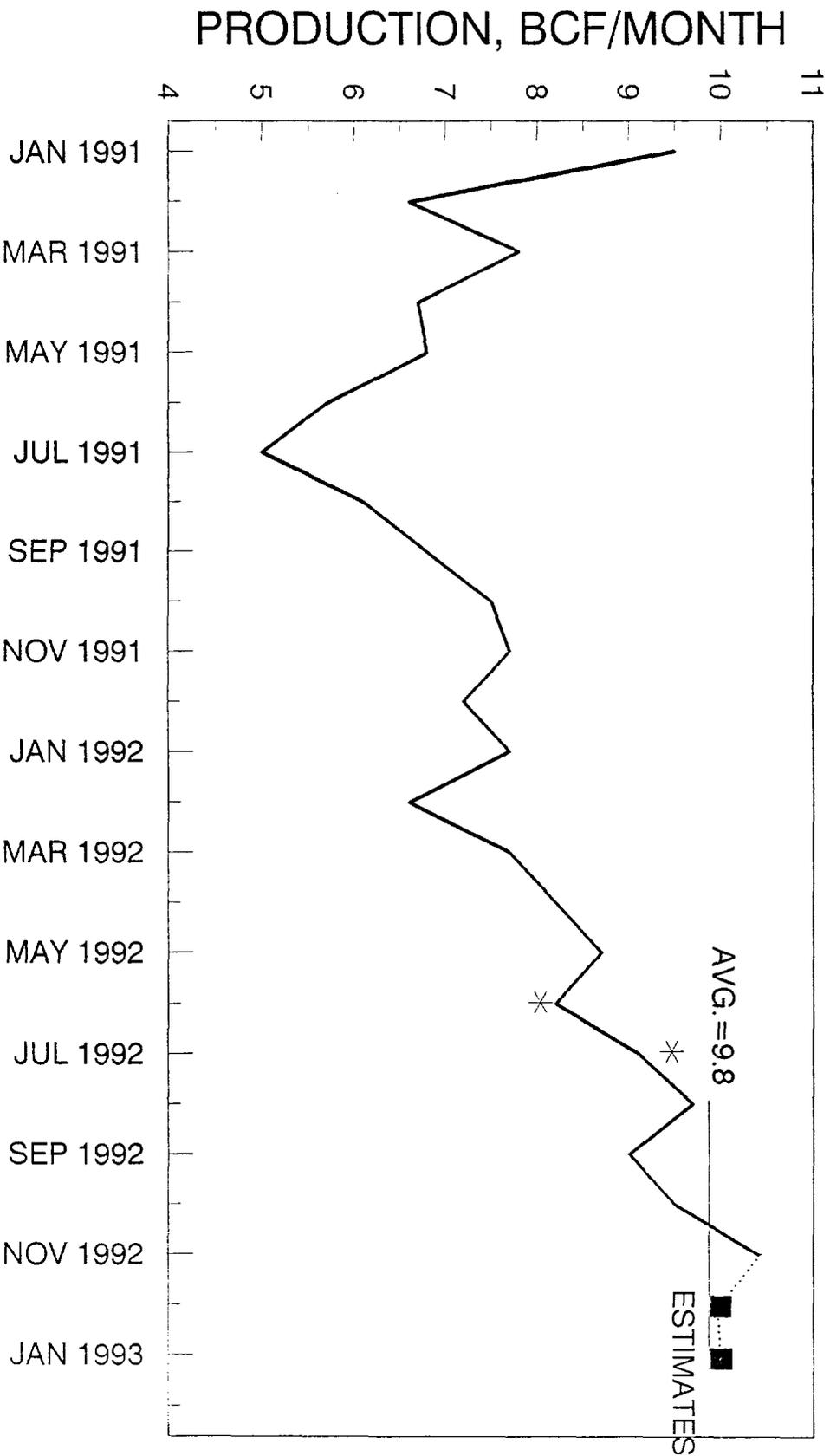
- Increased pipeline capacity out of San Juan Basin
 - EPNG Expansion
 - Transwestern Expansion
- Increased and firming of natural gas prices

**NORTHWEST NEW MEXICO
POOL ALLOWABLES
APRIL, 1993 - SEPTEMBER, 1993
RECOMMENDATIONS
MCF PER MONTH**

	BASIN DAKOTA	BLANCO MESAVERDE	BLANCO P.C. SOUTH
CURRENT	8,171,546	14,317,142	1,257,285
ADJUSTMENTS	+2,000,000	+3,000,000	+150,000
MONTHLY POOL ALLOWABLE	10,171,546	17,317,142	1,407,285

OFFICE OF THE
 STATE ENGINEER
 WATER RIGHTS DIVISION
 10672 Meridian 2
 Santa Fe, New Mexico 87505
 Telephone: (505) 827-3300

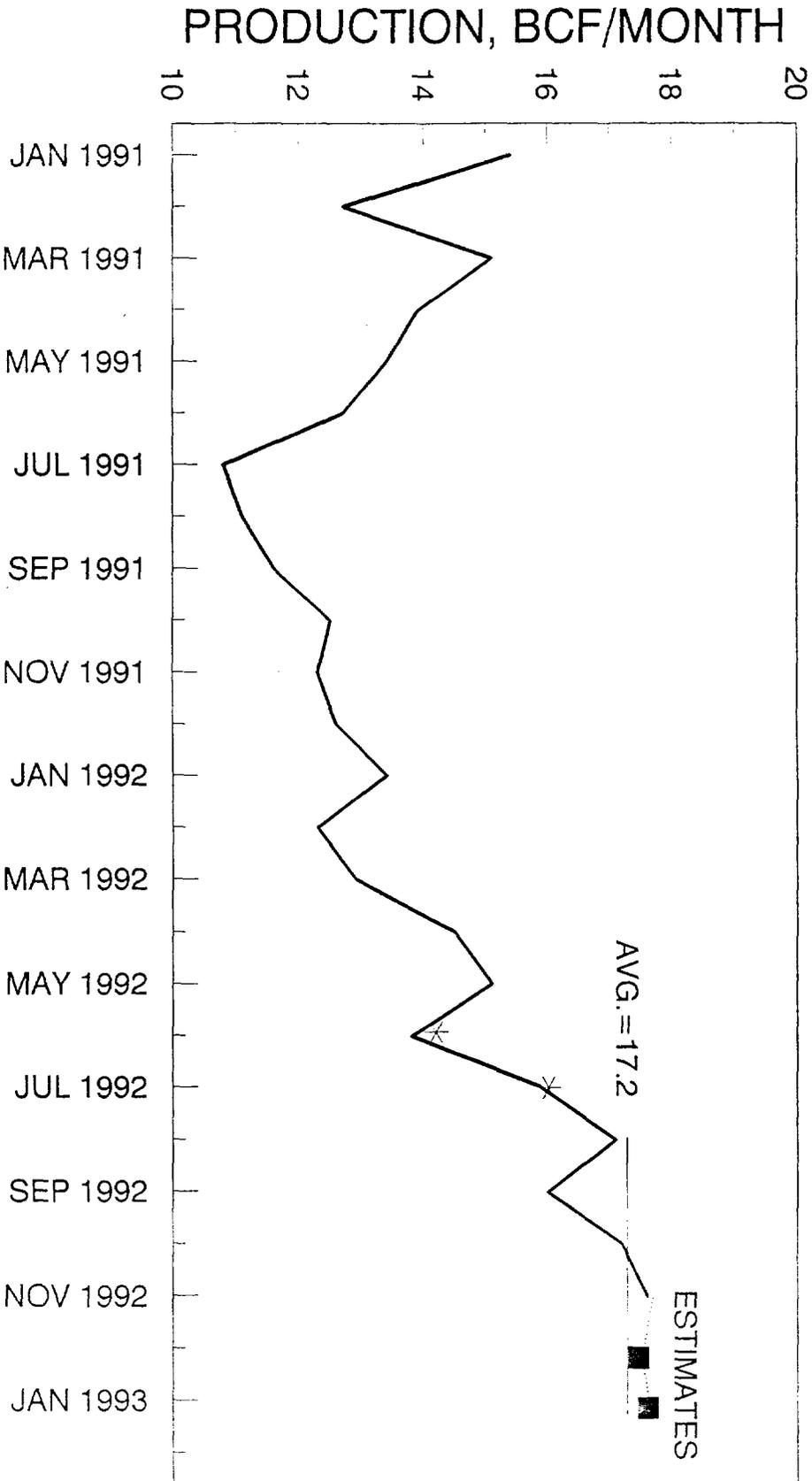
STATE OF NEW MEXICO POOL ALLOCATION HEARING BASIN DAKOTA POOL



SOURCE: NEW MEXICO MONTHLY STATISTICAL REPORT

Before the
 OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 Case No. 10672
 Submitter: Meridian
 Hearing: 10/1/92

STATE OF NEW MEXICO POOL ALLOCATION HEARING BLANCO MESAVERDE POOL



SOURCE: NEW MEXICO MONTHLY STATISTICAL REPORT

OIL COMPANY
 Santa Fe
 Caswell 10672
 Subpoena
 Hearing
 Meridian 4

**BASIN DAKOTA
POOL PRODUCTION
BCF PER MONTH**

	<u>1991</u>	<u>1992</u>	<u>Difference</u>
AUGUST	6.1	9.7	+59%
SEPTEMBER	6.8	9.0	+32%
OCTOBER	7.5	9.5	+27%
NOVEMBER	7.7	10.4	+35%
DECEMBER	7.2	10.0 (est.)	+39%
JANUARY (92/93)	7.7 =====	10.0 (est.) =====	+30% =====
AVERAGE	7.2	9.8	+36%

before the
OIL CONSERVATION COMMISSION
Sanita for the
Case No. 10672
Submitted by
Mordian
Hearing Date

**BLANCO MESAVERDE
POOL PRODUCTION
BCF PER MONTH**

	<u>1991</u>	<u>1992</u>	<u>Difference</u>
AUGUST	11.1	17.1	+54%
SEPTEMBER	11.6	16.0	+38%
OCTOBER	12.5	17.2	+38%
NOVEMBER	12.3	17.6	+43%
DECEMBER	12.6	17.5 (est.)	+39%
JANUARY (92/93)	13.4	17.6 (est.)	+31%
AVERAGE	12.2	17.2	+41%

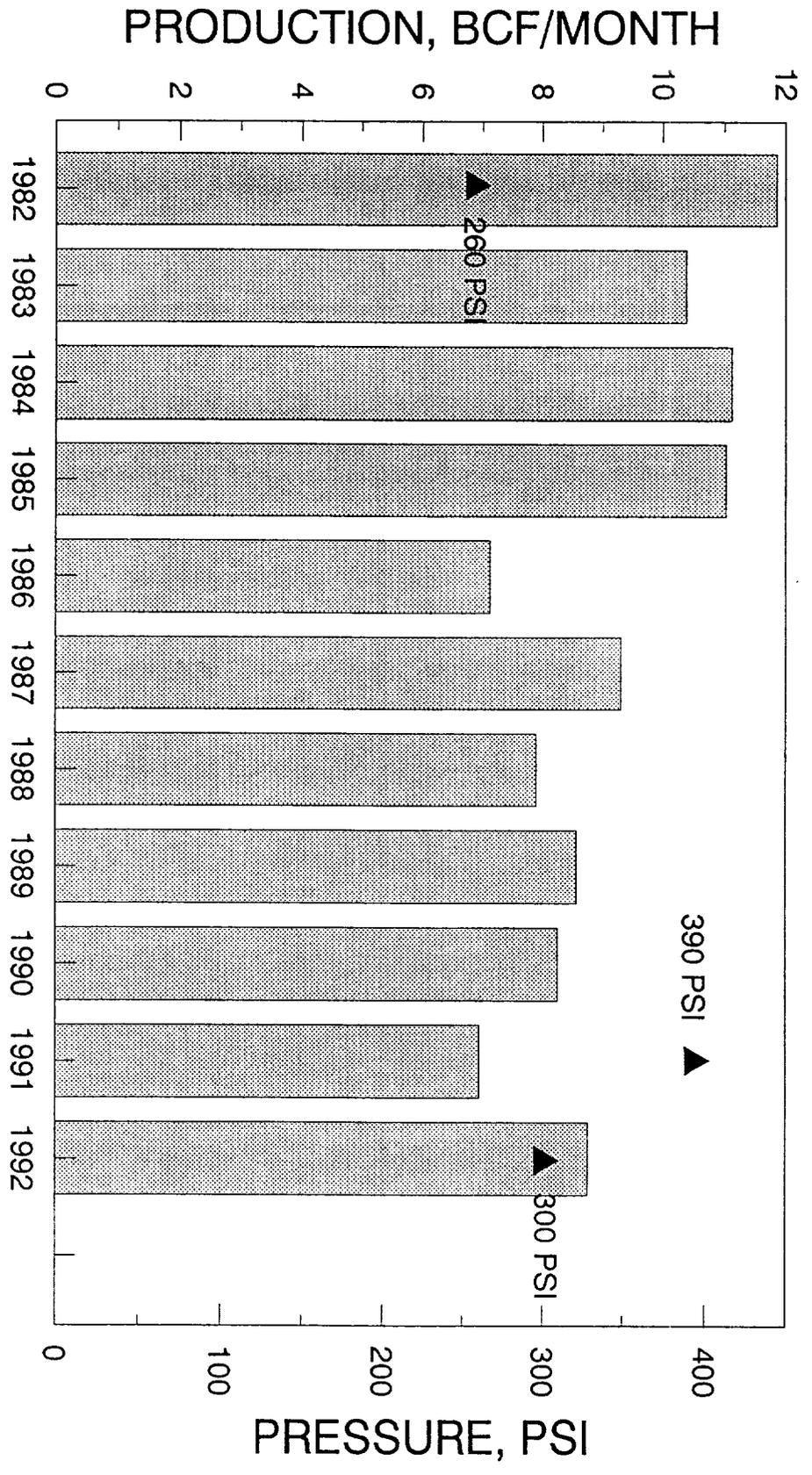
Before the
OIL CONSERVATION COMMISSION
San Antonio, Texas
Case No. 10672
Submitted by MORRIS
Heard, P.O. 6

**BLANCO P.C. SOUTH
POOL PRODUCTION
BCF PER MONTH**

	<u>1991</u>	<u>1992</u>	<u>Difference</u>
AUGUST	0.7	1.4	+100%
SEPTEMBER	0.9	1.2	+33%
OCTOBER	0.9	1.4	+56%
NOVEMBER	1.0	1.4	+40%
DECEMBER	1.1	1.5 (est.)	+36%
JANUARY (92/93)	1.2	1.4 (est.)	+17%
AVERAGE	1.0	1.4	+40%

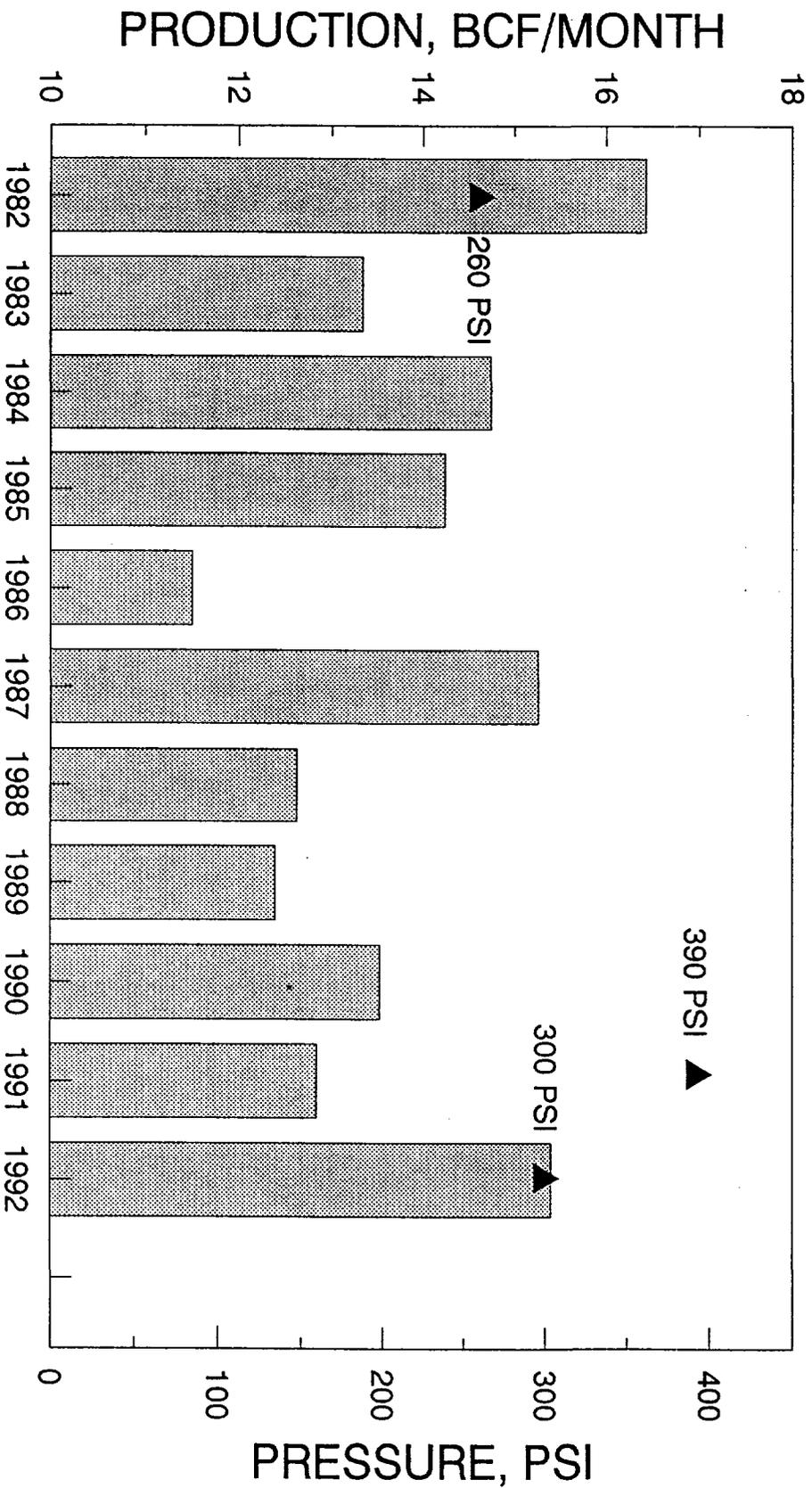
Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10672 Exhibit No. 7
Submitted By: Meridian
Hearing Date: _____

NORTHWEST NEW MEXICO PRORATED POOL PRODUCTION BASIN DAKOTA



Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10672 Exhibit No. 8
Submitted by: Meridian
Hearing Date: _____

NORTHWEST NEW MEXICO PRORATED POOL PRODUCTION BLANCO MESAVERDE



Before the
OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 Case No. 10672
 Submitted By: Meridian
 Hearing Date: _____

Exhibit "B"
Case No. 10377
Order No. R-9586

ENGP216AT-ENGP216A-01
RUN-TIME: 08:13:57

MARKET DEMAND AND ALLOWABLE DETERMINATION SCHEDULE
PRORATED GAS POOLS - NORTHWEST NEW MEXICO
FOR OCT 91 THRU MAR 92

	BASIN DAKOTA	BLANCO MESA VERDE	BLANCO P.C. SOUTH	TAPACITO
(1) AVERAGE MONTHLY POOL SALES OCT90-MAR91 ALL VOLUME ARE IN MCF.	8,033,542	13,999,619	1,185,220	204,195
(2) TOTAL NOMINATIONS AVG MONTH VOL.	795,852	555,611	56,094	41,426
(3) ADJUSTMENTS.		46,000		
(4) MONTHLY POOL ALLOWABLE OCT91-MAR92 (LINE 1 + LINE 3.)	8,033,542	14,045,619	1,185,220	204,195
(5) MONTHLY MARGINAL POOL ALLOWABLE OCT91-MAR92	4,180,677	6,597,257	515,312	81,801
(6) MONTHLY NON-MARGINAL POOL ALLOWABLES OCT91-MAR92 LINE 4 - LINE 5	3,852,865	7,448,362	669,908	122,394
(7) NUMBER OF NON-MARGINAL ACREAGE FACTORS	433.65	599.93	456.61	91.74
(8) NUMBER OF NON-MARGINAL ACREAGE TIMES DELIVERABILITY FACTORS	206,913	442,938	27,586	9,304
(9) MONTHLY ACREAGE ALLOCATE FACTOR OCT91-MAR92	5,330	3,103	366	333
(10) MONTHLY ACREAGE TIMES DELIVERABILITY ALLOCATE FACTOR OCT91-MAR92	7.44	12.61	18.21	9.86

Oil Conservation
Before the
REGULATORY COMMISSION
Case No. 10672 Exhibit No. 10
Submitted By: MERIDIAN
Hearing Date:

ENGPP216T--ENGPP216-01
 RUN-TIME: 06:56:50

EXHIBIT "B" CASE NO. 10450
 MARKET DEMAND AND ALLOWABLE DETERMINATION SCHEDULE
 PRORATED GAS POOLS - NORTHWEST NEW MEXICO
 FOR APR92 THRU SEP92

RUN-DATE 03/23/92

BASIN BLANCO BLANCO TAPACITO
 DAKOTA MESA VERDE P.C. SOUTH

(1) AVERAGE MONTHLY 5,063,716 12,179,306 864,713 197,234
 POOL SALES
 APR91-SEP91
 ALL VOLUME ARE IN MCF.

(2) TOTAL
 MONTHLY
 AVG MONTH VOL.

(3) ADJUSTMENTS. 2,000,000 3,000,000 150,000 100,000

(4) MONTHLY POOL 7,063,716 15,179,306 1,014,713 297,234
 ALLOWABLE
 APR92-SEP92
 (LINE 1 + LINE 3.)

(5) MONTHLY MARGINAL 3,011,033 5,209,632 420,939 91,827
 POOL ALLOWABLE
 APR91-SEP91

(6) MONTHLY 4,052,683 9,969,674 585,774 205,407
 NON-MARGINAL
 POOL ALLOWABLES
 APR92-SEP92
 LINE 4 - LINE 5

(7) NUMBER OF 209.09 567.72 326.02 70.68
 NON-MARGINAL
 ACREAGE FACTORS

(8) NUMBER OF 151,820 351,062 18,945 5,808
 NON-MARGINAL
 ACREAGE TIMES
 DELIVERABILITY
 FACTORS

(9) MONTHLY ACREAGE 8,411 4,390 449 653
 ALLOCATE FACTOR
 APR92-SEP92

(10) MONTHLY ACREAGE 10.68 21.30 23.19 26.52
 TIMES
 DELIVERABILITY
 ALLOCATE FACTOR
 APR92-SEP92

ENGP2161--ENGP216-01

EXHIBIT ^B X. COMMISSION ORDER NO. R--9734
MARKET DEMAND AND ALLOWABLE DETERMINATION SCHEDULE
PRORATED GAS POOLS - NORTH MEXICO
FOR OCT92 THRU MAR93

	BASIN	BLANCO	BLANCO	TAPACITO	
	DAKOTA	HESA VERDE	P. C. SOUTH		
(1) AVERAGE MONTHLY POOL SALES OCT91-MAR92 ALL VOLUME ARE IN MCF.	7,145,484	12,265,486	1,061,345	228,640	
(2) TOTAL NOMINATIONS AVG MONTH VOL.					
(3) ADJUSTMENTS.	2,000,000	3,000,000	150,000	100,000	
(4) MONTHLY POOL ALLOWABLE OCT92-MAR93 (LINE 1 + LINE 3.)	9,145,484	15,265,486	1,211,345	328,640	
(5) MONTHLY MARGINAL POOL ALLOWABLE OCT91-MAR92	5,050,757	6,686,273	682,476	135,217	
(6) MONTHLY NON-MARGINAL POOL ALLOWABLES OCT92-MAR93 LINE 4 - LINE 5	4,094,727	8,579,218	528,869	193,423	
(7) NUMBER OF NON-MARGINAL ACREAGE FACTORS	229.86	468.11	303.30	83.10	
(8) NUMBER OF NON-MARGINAL ACREAGE TIMES DELIVERABILITY FACTORS	119,193	289,803	14,340	5,710	
(9) MONTHLY ACREAGE ALLOCATE FACTOR OCT92-MAR93	10,688	4,582	436	582	
(10) MONTHLY ACREAGE TIMES DELIVERABILITY ALLOCATE FACTOR OCT92-MAR93	13.74	22.20	27.66	25.41	

ENGP2161--ENGP216-01
RUN-TIME: 15:40:43

EXHIBIT "B" COMMISSION ORDER NO.
MARKET DEMAND AND ALLOWABLE DETERMINATION SCHEDULE
PRORATED GAS POOLS - NORTHWEST NEW MEXICO
FOR APR93 THRU SEP93

RUN-DATE 02/08/93

BASIN BLANCO BLANCO TAPACITO
DAKOTA MESA VERDE P.C. SOUTH

(11) AVERAGE MONTHLY 8,171,546 14,317,142 1,257,285 234,942
POOL SALES
APR92-SEP92
ALL VOLUME ARE IN MCF.

(12) TOTAL
NOMINATIONS
AVG MONTH VOL.

(13) ADJUSTMENTS.

(14) MONTHLY POOL 8,171,546 14,317,142 1,257,285 234,942
ALLOWABLE
APR93-SEP93
(LINE 1 + LINE 3.)

(15) MONTHLY MARGINAL 6,377,077 8,886,664 868,301 146,291
POOL ALLOWABLE
APR92-SEP92

(16) MONTHLY 1,794,469 5,430,478 388,984 88,651
NON-MARGINAL
POOL ALLOWABLES
APR93-SEP93
LINE 4 - LINE 5

(17) NUMBER OF 259.84 471.26 332.22 79.10
NON-MARGINAL
ACREAGE FACTORS

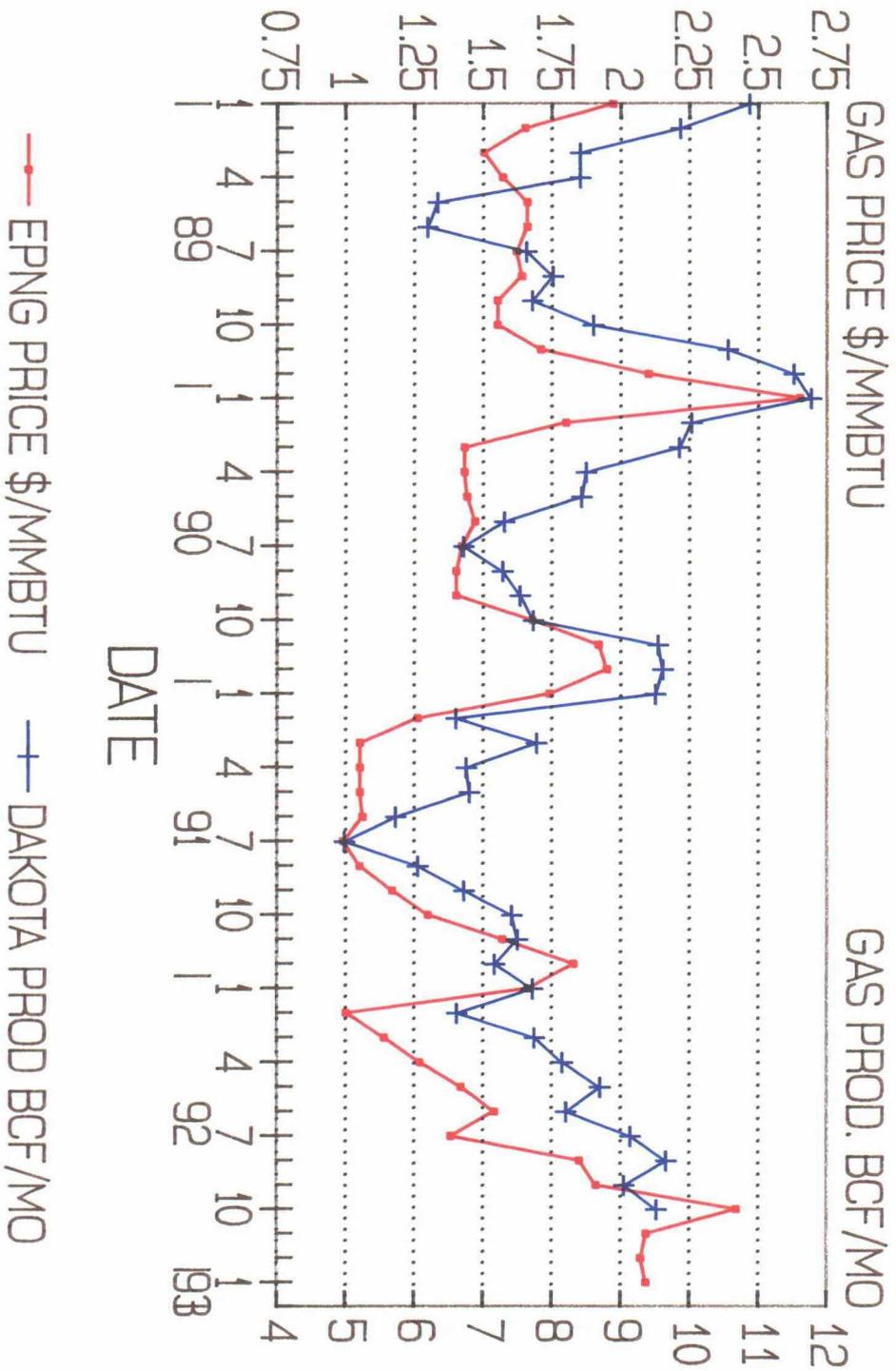
(18) NUMBER OF 117,671 241,798 15,894 6,114
NON-MARGINAL
ACREAGE TIMES
DELIVERABILITY
FACTORS

(19) MONTHLY ACREAGE 4,143 2,880 292 280
ALLOCATE FACTOR
APR93-SEP93

(10) MONTHLY ACREAGE 6.09 16.84 18.35 10.87
TIMES
DELIVERABILITY
ALLOCATE FACTOR
APR93-SEP93

Phillips Exhibits 1 through
Complete Set

COMPARISON OF PRICE VS. PRODUCTION EXHIBIT #1 SAN JUAN BASIN DAKOTA



Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10672
Submitted by: Phillips
Hearing Date: 2/25/93

EXHIBIT # 2

BASIN DAKOTA PRORATION ALLOWABLE PERIOD 4/93 - 9/93
EFFECT OF NON-MARGINAL POOL ALLOWABLE ON GPU ALLOWABLE

		4/92-9/92 ACTUAL	4/93-9/93 OCD PROP.	4/93-9/93 PHILLIPS PROP.
NON MARGINAL POOL ALLOWABLE				
		4052683.00	1794469.00	4400000.00
NO. OF NON MARGINAL ACREAGE FACTORS		289.09	259.84	259.84
NON MARGINAL AD FACTORS		151820.00	117671.00	117671.00
F1 MO. ACREAGE ALLOCATION FACTOR		8411.26	4143.63	10160.10
F2 MO. AD ALLOCATION FACTOR		10.68	6.10	14.96
GPU DELIVERABILITY MCFD	425			
GPU ACREAGE FACTOR	1			
ACREAGE PORTION OF ALLOWABLE 60% N		8411.26	4143.63	10160.10
AD PORTION OF ALLOWABLE 40% MCF/MO		4537.98	2592.48	6356.71
TOTAL GPU ALLOWABLE MCF/MO		12949.24	6736.11	16516.80
GPU ALLOWABLE, % OF DELIVERABILITY		1.00	0.52	1.28
GPU DELIVERABILITY MCFD	650			
GPU ACREAGE FACTOR	1			
ACREAGE PORTION OF ALLOWABLE 60% N		8411.26	4143.63	10160.10
AD PORTION OF ALLOWABLE 40% MCF/MO		6940.44	3964.97	9722.02
TOTAL GPU ALLOWABLE MCF/MO		15351.70	8108.60	19882.12
GPU ALLOWABLE, % OF DELIVERABILITY		0.78	0.41	1.01
GPU DELIVERABILITY MCFD	750			
GPU ACREAGE FACTOR	1			
ACREAGE PORTION OF ALLOWABLE 60% N		8411.26	4143.63	10160.10
AD PORTION OF ALLOWABLE 40% MCF/MO		8008.20	4574.96	11217.72
TOTAL GPU ALLOWABLE MCF/MO		16419.46	8718.60	21377.82
GPU ALLOWABLE, % OF DELIVERABILITY		0.72	0.38	0.94
GPU DELIVERABILITY MCFD	1000			
GPU ACREAGE FACTOR	1			
ACREAGE PORTION OF ALLOWABLE 60% N		8411.26	4143.63	10160.10
AD PORTION OF ALLOWABLE 40% MCF/MO		10677.60	6099.95	14956.96
TOTAL GPU ALLOWABLE MCF/MO		19088.86	10243.59	25117.05
GPU ALLOWABLE, % OF DELIVERABILITY		0.63	0.34	0.83

BASIN DAKOTA GAS POOL EXHIBIT #3 FEB. 1993 HEARING

HISTORICALLY PHILLIPS HAS SOUGHT TOTAL POOL ALLOWABLES IN THE 10-11 BCF/MO. RANGE BASED ON CAPACITY TO PRODUCE AND GPU ALLOWABLES NEEDED TO ENCOURAGE DEVELOPMENT.

OPERATORS NOT CONCERNED ABOUT RESERVOIR RELATED CORRELATIVE RIGHTS OR THEY WOULD NOT CURTAIL WHEN PRICES ARE LOW.

PHILLIPS' RECOMMENDATION OF A 2.6 BCF/MO ADJUSTMENT WOULD YIELD AN OVERALL POOL ALLOWABLE OF 10.8 BCF/MO. AND PROVIDE FOR CURTAILMENT ON GPU'S WITH DELIVERABILITIES IN EXCESS OF 650 MCFD. THIS LEVEL IS NECESSARY TO PROMOTE INFILL DRILLING SINCE EXISTING PARENT WELLS OFTEN PRODUCE IN EXCESS OF 200 MCFD.

A MARKET EXISTS FOR THE GAS AS EVIDENCED BY GENERALLY STRONG PRICES.

COMPARISON OF PRICE VS. PRODUCTION

EXHIBIT # 4 SAN JUAN BASIN MESAVERDE

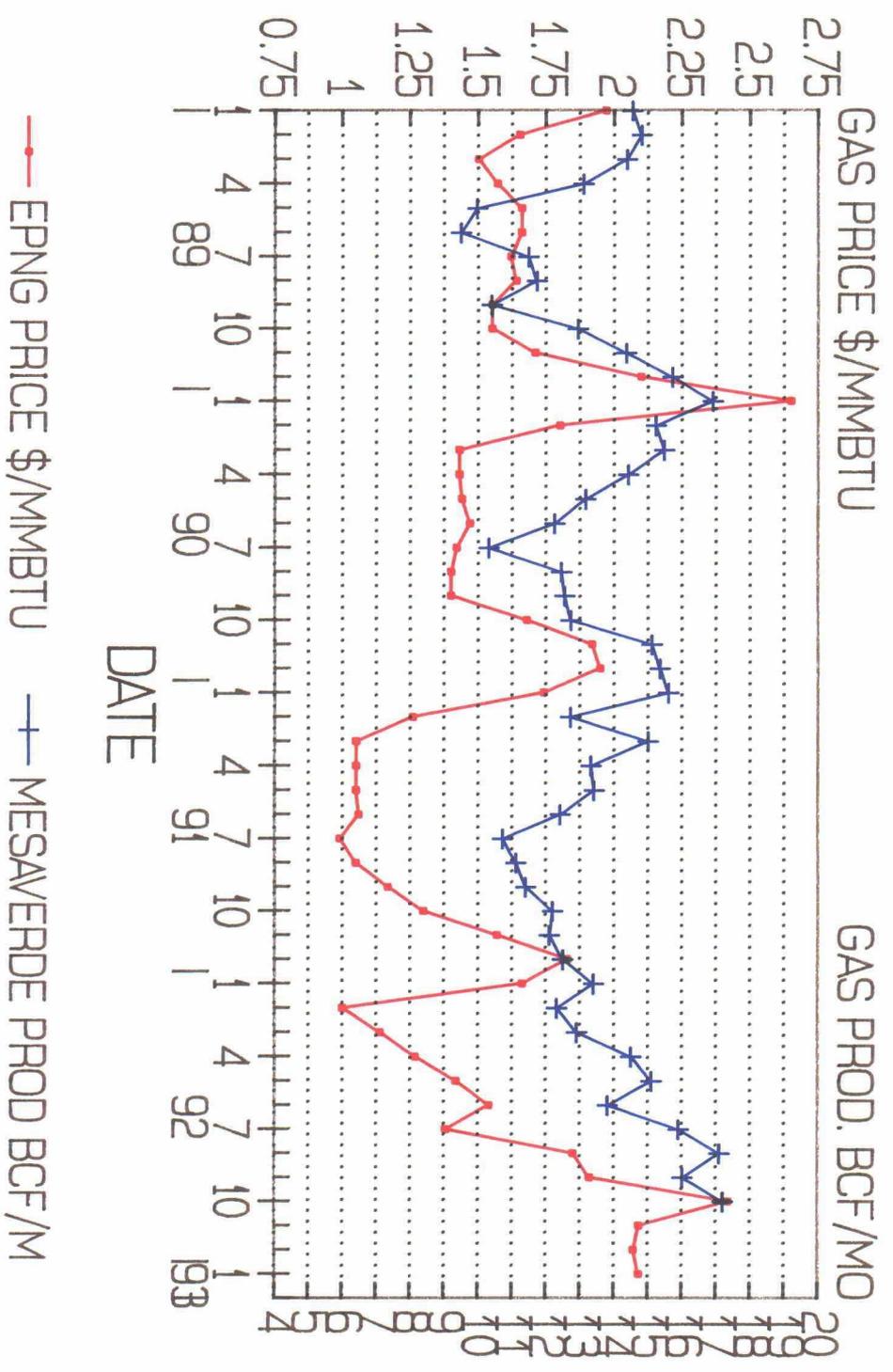


EXHIBIT # 5

BLANCO MESAVERDE PRORATION ALLOWABLE PERIOD 4/93 - 9/93
EFFECT OF NON-MARGINAL POOL ALLOWABLE ON GPU ALLOWABLE

	4/92-9/92 ACTUAL	4/93-9/93 OCD PROP.	4/93-9/93 PHILLIPS PROP.
NON MARGINAL POOL ALLOWABLE	9969674.00	5430478.00	810000.00
NO. OF NON MARGINAL ACREAGE FACTORS	567.72	471.26	471.26
NON MARGINAL AD FACTORS	351062.00	241798.00	241798.00
F1 MO. ACREAGE ALLOCATION FACTOR	4390.22	2880.83	4296.99
F2 MO. AD ALLOCATION FACTOR	21.30	16.84	25.12
GPU DELIVERABILITY MCFD 490			
GPU ACREAGE FACTOR			
ACREAGE PORTION OF ALLOWABLE 25% N	4390.22	2880.83	4296.99
AD PORTION OF ALLOWABLE 75% MCF/MO	10436.49	8253.59	12310.90
TOTAL GPU ALLOWABLE MCF/MO	14826.72	11134.42	16607.89
GPU ALLOWABLE, % OF DELIVERABILITY	1.00	0.75	1.11
GPU DELIVERABILITY MCFD 650			
GPU ACREAGE FACTOR	1		
ACREAGE PORTION OF ALLOWABLE 25% N	4390.22	2880.83	4296.99
AD PORTION OF ALLOWABLE 75% MCF/MO	13844.32	10948.63	16330.78
TOTAL GPU ALLOWABLE MCF/MO	18234.55	13829.46	20627.77
GPU ALLOWABLE, % OF DELIVERABILITY	0.92	0.70	1.04
GPU DELIVERABILITY MCFD 800			
GPU ACREAGE FACTOR	1		
ACREAGE PORTION OF ALLOWABLE 25% N	4390.22	2880.83	4296.99
AD PORTION OF ALLOWABLE 75% MCF/MO	17039.17	13475.24	20099.42
TOTAL GPU ALLOWABLE MCF/MO	21429.39	16356.07	24396.41
GPU ALLOWABLE, % OF DELIVERABILITY	0.88	0.67	1.00
GPU DELIVERABILITY MCFD 1000			
GPU ACREAGE FACTOR	1		
ACREAGE PORTION OF ALLOWABLE 25% N	4390.22	2880.83	4296.99
AD PORTION OF ALLOWABLE 75% MCF/MO	21298.96	16844.05	25124.28
TOTAL GPU ALLOWABLE MCF/MO	25689.18	19724.88	29421.27
GPU ALLOWABLE, % OF DELIVERABILITY	0.85	0.65	0.97

EFFECT OF COMPRESSION ON CALCULATED DELIVERABILITY

$$D = d1((P2 - (70\%P)^2)/(P2 - FTP^2))^0.7$$

If FTP less than 70% of surface shut in pressure, calculated deliverability will be less than measured deliverability. For likely surface shut in pressures and FTP's, calculated deliverability would be 65-70% of measured rate. For 600 mcf/d measured GPU deliverability, the allowable would be based on +/- 400 mcf/d deliverability. Need a high minimum allowable to enable continued development of reserves via compression.

d1	400	400	400	600	600	600
P	400	450	500	400	450	500
70%P	280	315	350	280	315	350
FTP	175	175	175	150	150	150
D	290	280	274	416	407	400
D/d1	0.72	0.70	0.68	0.69	0.68	0.67

BLANCO MESAVERDE GAS POOL EXHIBIT #6 FEB 1993 HEARING

THE GAS PRODUCTION VS. GAS PRICE PLOT SHOWS A SIMILAR TREND AS SEEN IN THE DAKOTA POOL, SHOWING THAT THE TRUE CAPACITY IS IN EXCESS OF 17 BCF/MO.

OPERATORS ARE NOT GENERALLY CONCERNED WITH RESERVOIR RELATED CORRELATIVE RIGHTS OR THEY WOULD NOT VOLUNTARILY CURTAIL.

PHILLIPS' RECOMMENDED ADJUSTMENT OF 2.7 BCF/MO. WOULD YIELD AN OVERALL POOL ALLOWABLE OF 17.0 BCF/MO. AND PROVIDES FOR CURTAILMENT ON GPU DELIVERABILITIES ABOVE 800 MCFD. THIS LEVEL IS SUFFICIENT TO JUSTIFY ADDITIONAL DRILLING/COMPRESSION WORK TO INCREASE RECOVERY WITHOUT ADVERSELY EFFECTING DRAINAGE CONDITIONS.

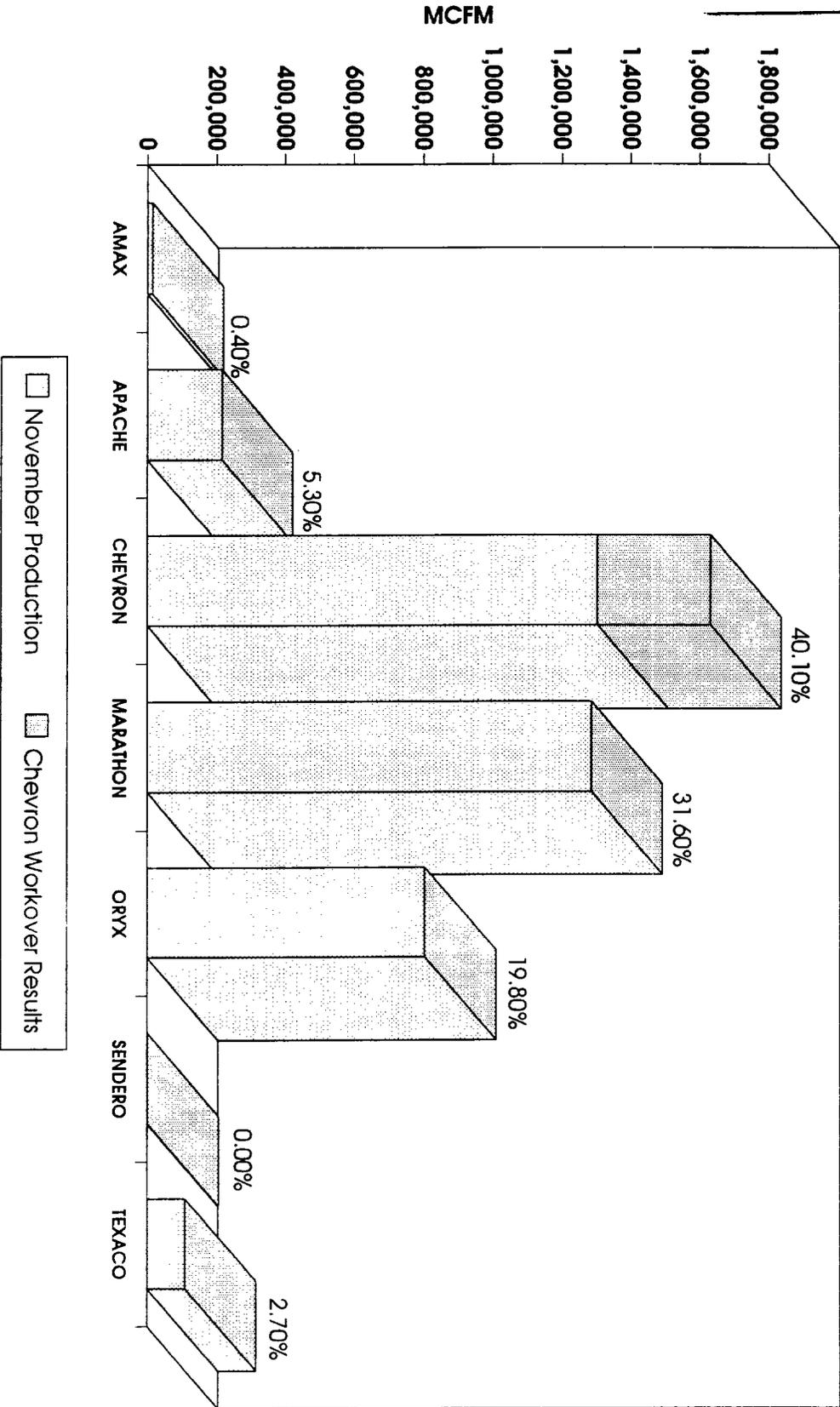
CONCERNING COMPRESSION PROJECTS, THE METHOD FOR DETERMINING DELIVERABILITY WILL YIELD A CALCULATED FIGURE ONLY 65-70% OF ACTUAL DELIVERABILITY. THE REQUESTED ADJUSTMENT IS NECESSARY TO HAVE ECONOMICAL DEVELOPMENT OF THE FIELD VIA COMPRESSION. PHILLIPS HAS PLANS FOR A 120 WELL MESAVERDE COMPRESSION PROJECT IN 29-5 & 29-6 UNITS.

A MARKET EXISTS FOR THE GAS AS EVIDENCED BY RISING PRICES SINCE FEBRUARY 1992.

Chevron Exhibits 1 through 6
Complete Set

Indian Basin Upper Penn Pool

Production by Operator

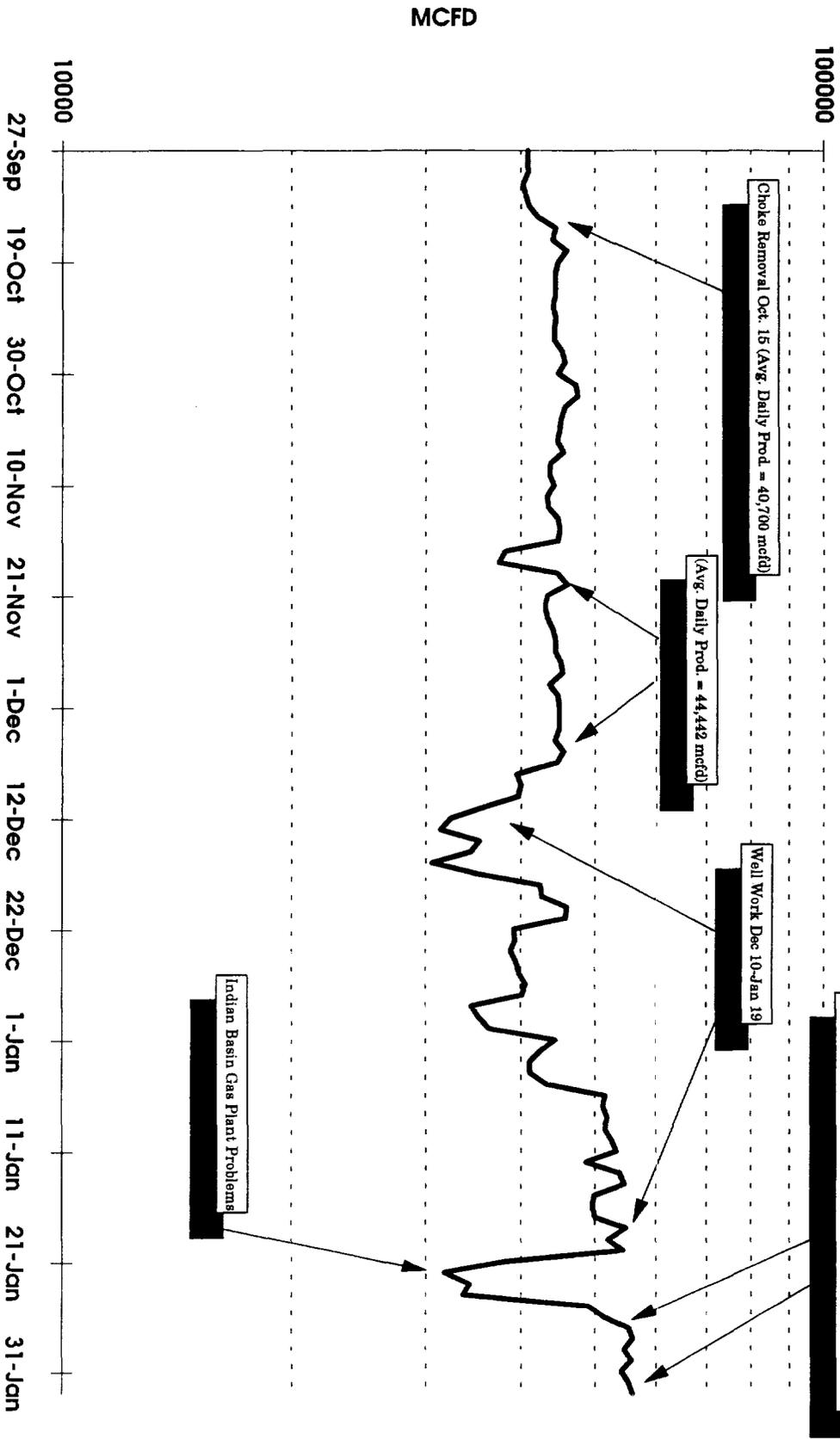


10/12
Chevron U.S.A.
2/25/93

109012
 CHEVRON U.S.A.
 2/25/93

INDIAN BASIN POOL

CHEVRON OPERATED PRODUCTION

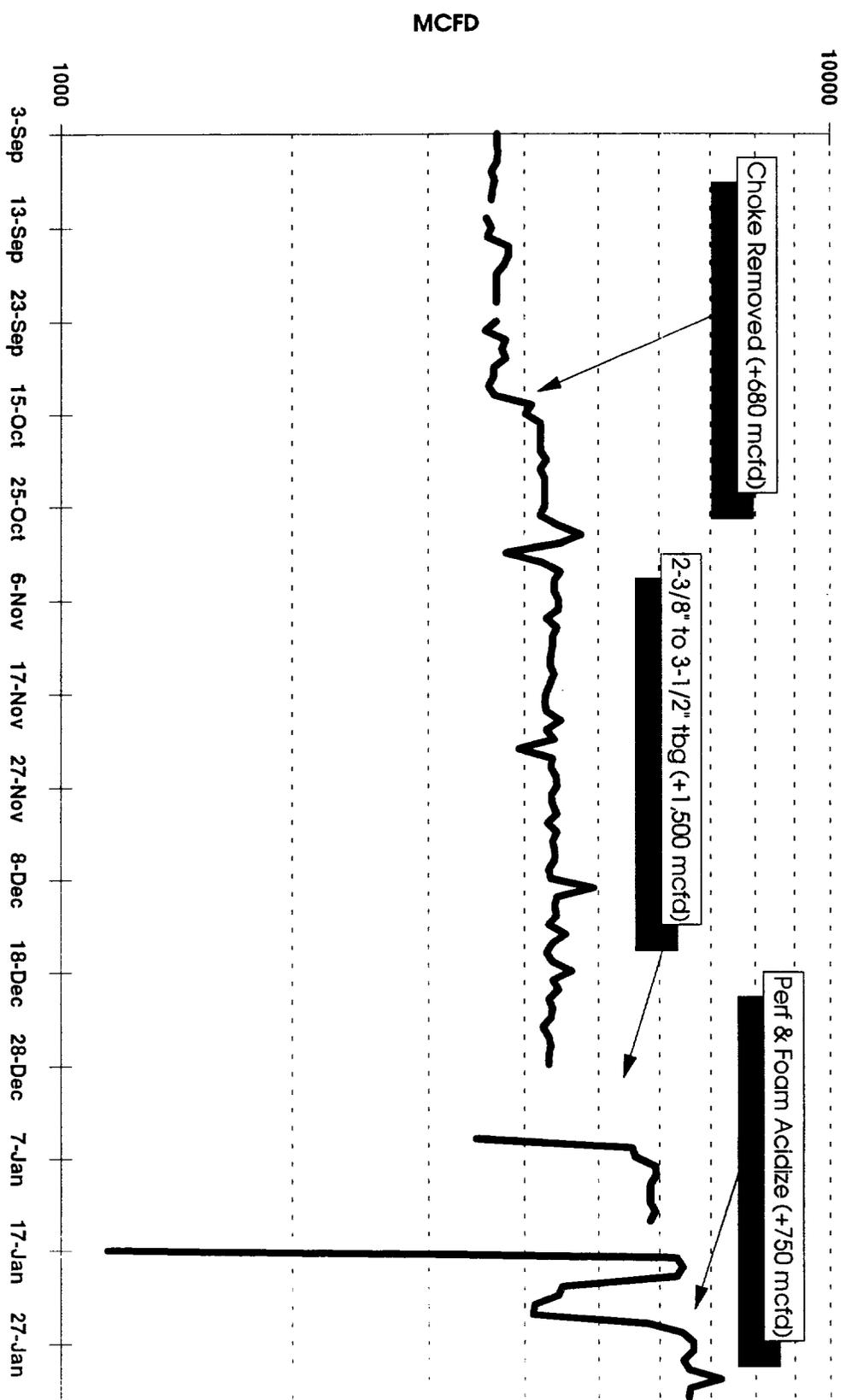


MCFD

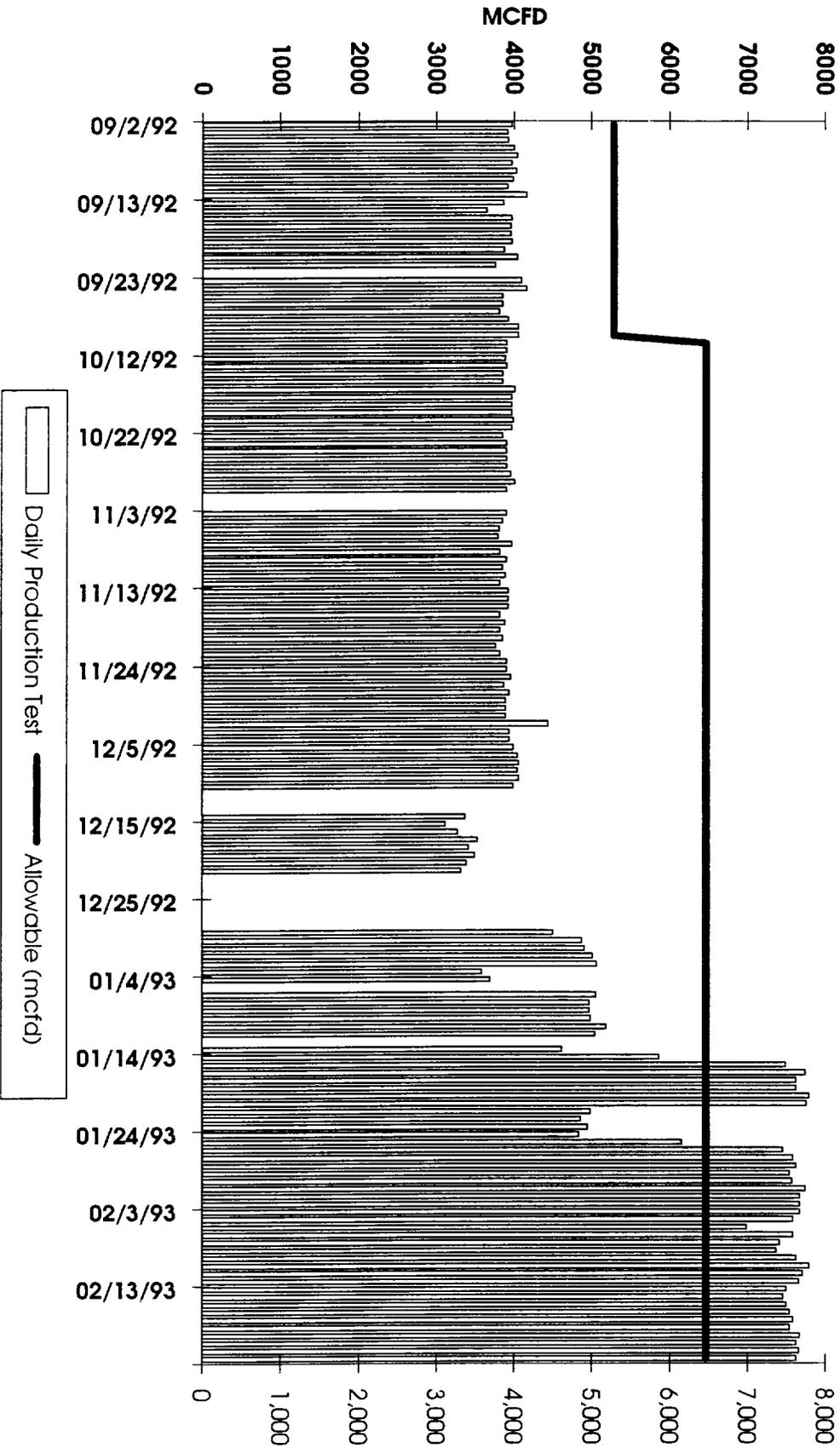
27-Sep 19-Oct 30-Oct 10-Nov 21-Nov 1-Dec 12-Dec 22-Dec 1-Jan 11-Jan 21-Jan 31-Jan

Chevron's Federal Gas Com '33' # 1

16,892
CHEVRON U.S.A.
2/25/93

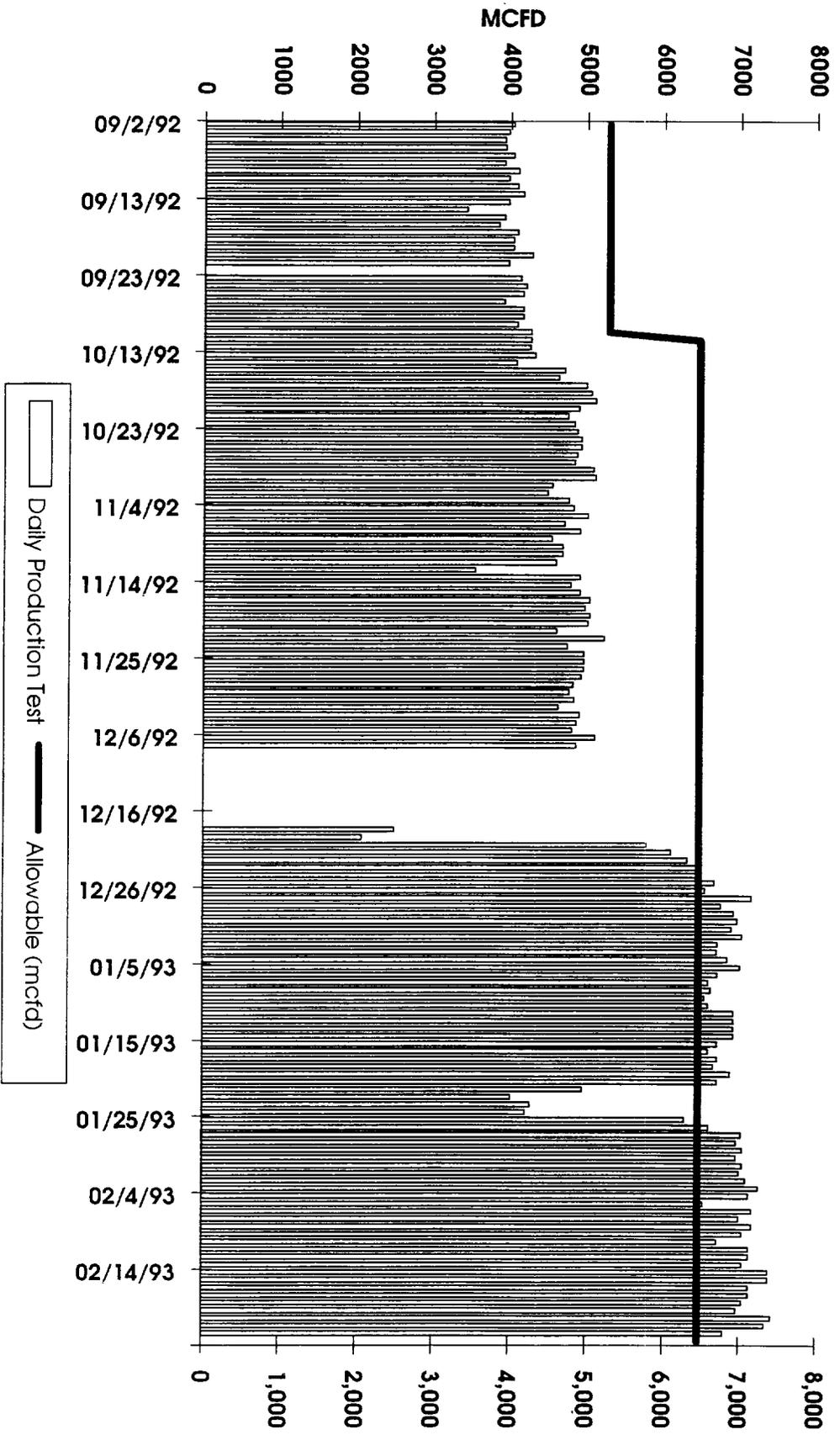


CHEVRON'S BOGGLE FLATS UNIT #3



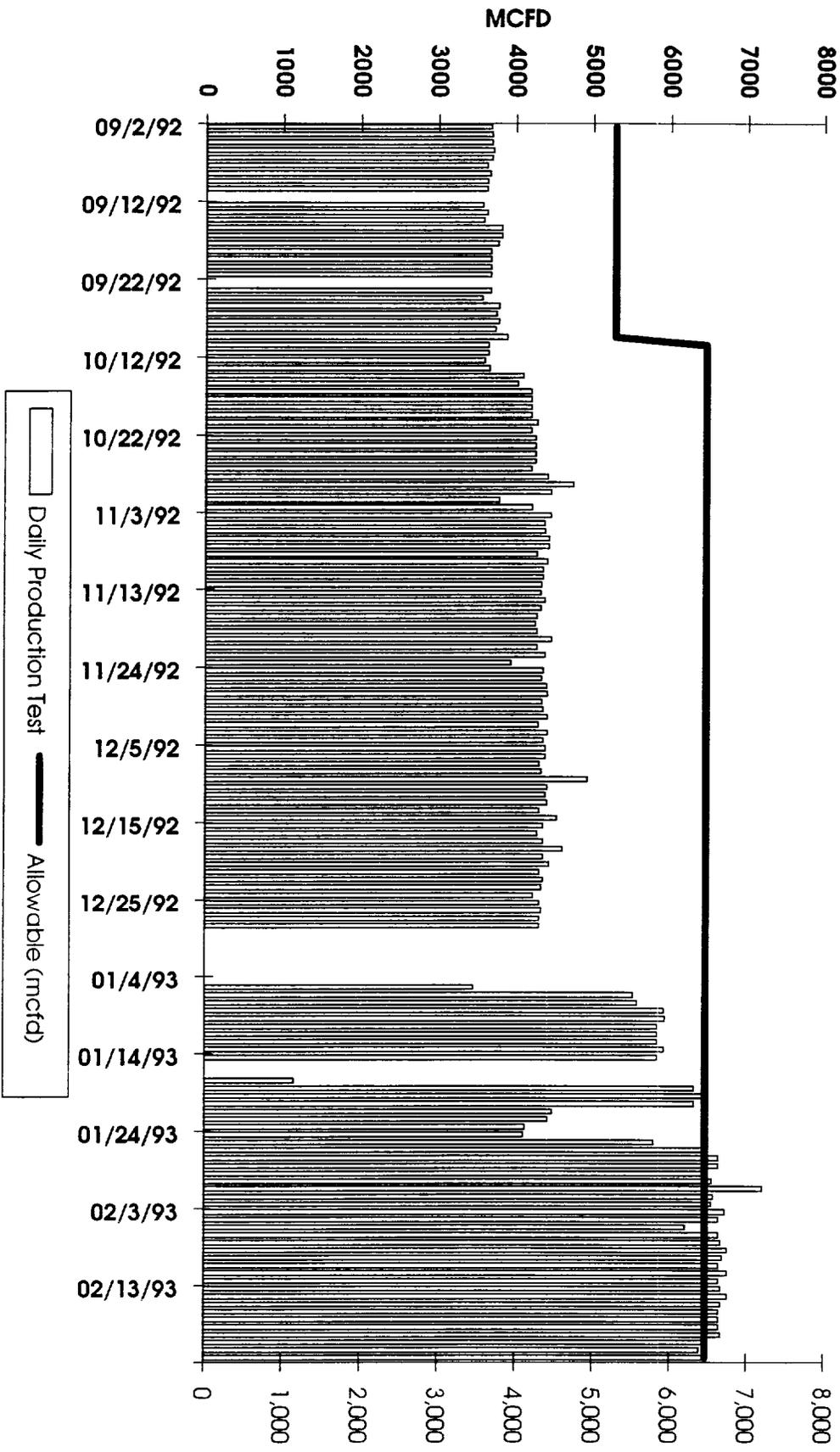
10/6/92
 CHEVRON U.S.A.
 2/25/93

CHEVRON'S BOGGLE FLATS UNIT #4



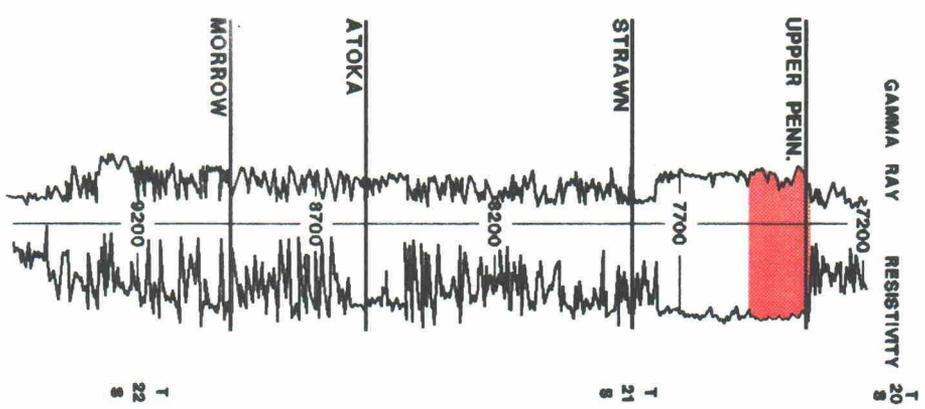
10/12/92
 10/12/92
 Chevron U.S.A.
 2/25/93

CHEVRON'S FEDERAL GAS COM '33' #1



6
 CHEVRON U.S.A.
 2/25/93

TYPE LOG

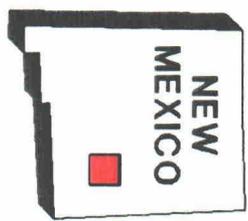


T	R-22-E		R-23-E										R-24-E									
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MARATHON OIL COMPANY
MID-CONTINENT REGION
INDIAN BASIN
FIELD
 EDDY COUNTY, NEW MEXICO

OPERATOR MAP

WELL WORK PERFORMED 1991
WELL WORK PERFORMED 1992-1993



Marathon Indian Basin Exhibits 1 through 10 Complete Set

Before the
OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 Case No. 10672 Exhibit No. 1
 Submitted by: Marathon Oil Company
 Hearing Date: February 25, 1993

1992 WELL REMEDIAL WORK
INDIAN BASIN FIELD

OPERATOR: ORYX

<u>STATION</u>	<u>DATE OF WORK</u>	<u>GAS RATE, MCFD</u>	
		<u>BEFORE</u>	<u>AFTER</u>
217	MAY 1992	4,090	6,865
221	APRIL 1992	4,285	5,400
228	APRIL 1992	3,200	6,760
302	APRIL 1992	4,500	6,700
		16,075	25,725

OPERATOR: CHEVRON

<u>STATION</u>	<u>DATE OF WORK</u>	<u>GAS RATE, MCFD</u>	
		<u>BEFORE</u>	<u>AFTER</u>
233	JAN 1993	4,290	6,500
305	DEC 1992	4,090	6,200
308	JULY 1992	4,465	6,360
309	DEC 1992	3,910	7,600
310	DEC 1992	4,640	7,100
315 *	DEC 1992	4,790	5,700
316	DEC 1992	4,070	5,200
		30,255	44,660

* ONLY Station 315 has wellhead compression

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10672 Exhibit No. 2
Submitted by: Marathon Oil Company
Hearing Date: February 25, 1993

INDIAN BASIN FIELD
 PRORATED GAS POOLS HEARING
 FEBRUARY 25, 1993 SANTA FE, NEW MEXICO

WORKING INTEREST SHARE OF GROSS SALES GAS

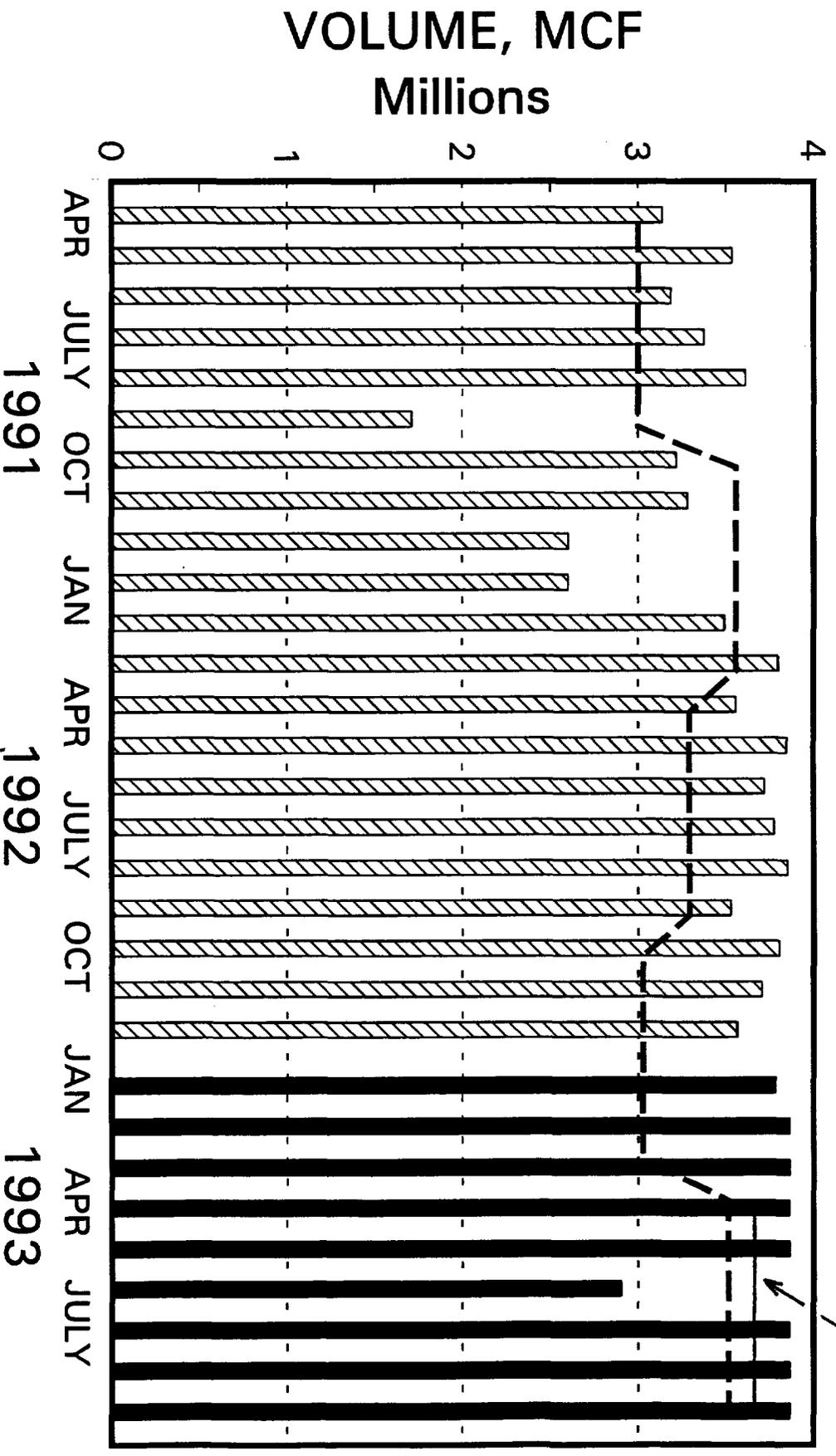
COMPANY	% SHARE		INTEREST IN # OF WELLS	
	APRIL - SEPT. '92	OCT. - DEC. '92	COMPANY OPERATED	TOTAL WELLS
MARATHON ⁴	26.8	26.8	14	22
ORXX ^v	24.5	23.1	6	14
CHEVRON ^v	20.6	22.9	8 *	11
APACHE	13.6	11.7	4	11
OTHERS	14.5	15.5	4	
TOTAL	100.0	100.0	36	

Non Marathons Wells

* Chevron operates two additional wells without owning an interest in the wells.

INDIAN BASIN FIELD

TOTAL UPPER PENN POOL PRODUCTION



PRODUCTION FORECAST ALLOWABLE

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Case No. 10672 Exhibit No.
Submitted by: Marathon Oil Company
Hearing Date: February 25, 1993

UPPER PENN GAS POOL ALLOWABLES

APRIL, 1993 – SEPTEMBER, 1993

	PROPOSED FROM OCD		PROPOSED BY MOC
AVERAGE MONTHLY POOL SALES APRIL, 1992 – SEPTEMBER, 1992	3,513,791		3,513,791
ADJUSTMENTS	0		166,234
MONTHLY POOL ALLOWABLE APRIL, 1993 – SEPTEMBER, 1993	3,513,791		3,680,025
MONTHLY MARGINAL POOL ALLOWABLE APRIL, 1993 – SEPTEMBER, 1993	2,320,245		2,320,245
MONTHLY NON – MARGINAL POOL ALLOWABLE APRIL, 1993 – SEPTEMBER, 1993	1,193,546		1,359,780
NUMBER OF NON – MARGINAL ACREAGE FACTORS	6.92		6.92
MONTHLY ACREAGE ALLOCATE FACTOR APRIL, 1993 – SEPTEMBER, 1993	172,478		196,500

Before the
OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 Case No. 10672 Exhibit No. 5
 Submitted By: Marathon Oil Company
 Hearing Date: February 25, 1993



P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

February 16, 1993

To All Operators
Indian Basin Upper Penn Pool
Eddy County, New Mexico

RE: Upcoming NMOCC Allowables Hearing
Proposed Indian Basin Upper Penn Pool Allowables

Gentlemen:

Marathon has reviewed the preliminary allowable estimates recently issued by the New Mexico Oil Conservation Division which will provide the starting point for the hearings scheduled for February 25, 1993 on gas allowables for the upcoming allocation period (April, 1993 - September, 1993). Marathon intends to propose at the hearing that a sufficient positive adjustment be made to the preliminary monthly pool allowable for the Indian Basin Penn Pool in order to increase the monthly acreage allocation factor (F1 factor) for Indian Basin Upper Penn non-marginal wells, from the 172,478 MCF per month set out on the preliminary table, to 196,500 MCF per month.

To the best of Marathon's knowledge, such an F1 factor, if adopted, would allow all non-marginal wells in the field (with an acreage factor of 1.00) to produce close to their full capabilities. Marathon has the markets to sell the additional gas which would be produced under its proposal, and believes that the other operators in the field would be able to find purchasers for their additional production as well. The transportation systems which serve the field are more than adequate to deal with the additional production which would result from the adoption of Marathon's proposal. No operator, whether it operates marginal or non-marginal wells, would have its ability to market its gas inhibited by Marathon's proposal.

Marathon asks that you support its request to increase the allowables for the Indian Basin Upper Penn pool. If at all possible, Marathon asks that you provide it with a letter prior to February 25, 1993 whereby you indicate your support for Marathon's proposal. If you have any questions with regard to Marathon's proposal, please feel free to call, Marathon Reservoir Engineer, Craig Kent, at (915) 687-8282.

Sincerely,

A handwritten signature in cursive script, appearing to read 'T. N. Tipton'.

T. N. Tipton
Engineering Manager

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10672 Exhibit No. 6
Submitted by: Marathon Oil Company
Hearing Date: February 25, 1993

MARATHON OIL COMPANY
MID-CONTINENT REGION

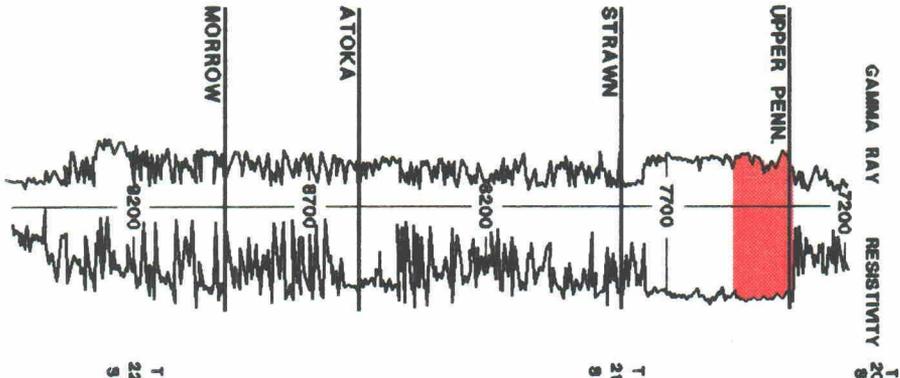
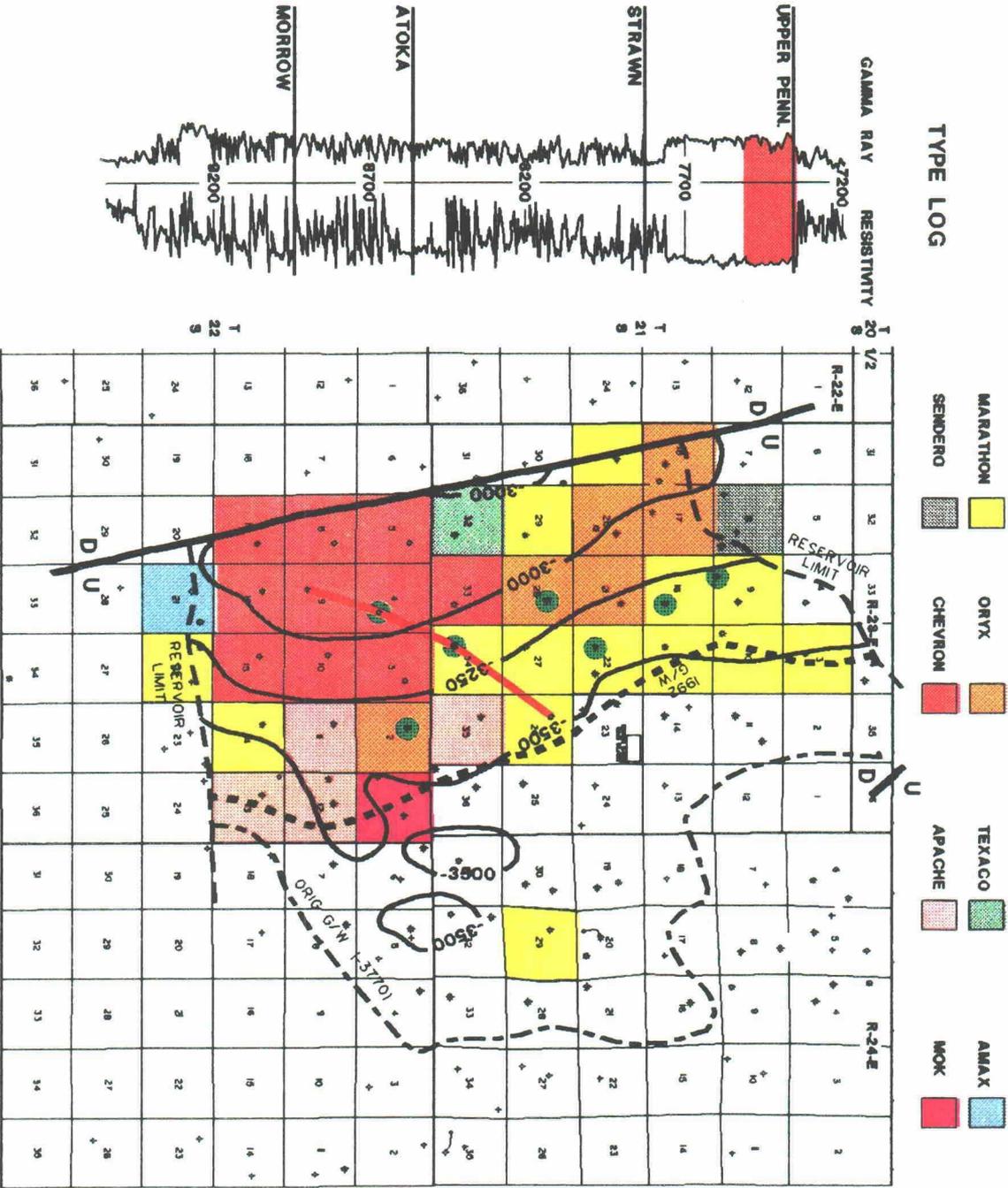
INDIAN BASIN FIELD

EDDY COUNTY, NEW MEXICO

OPERATOR MAP

-  MARGINAL WELL
-  NON-MARGINAL WELL

NUMBER OF NON-MARGINAL
ACREAGE FACTORS = 6.92

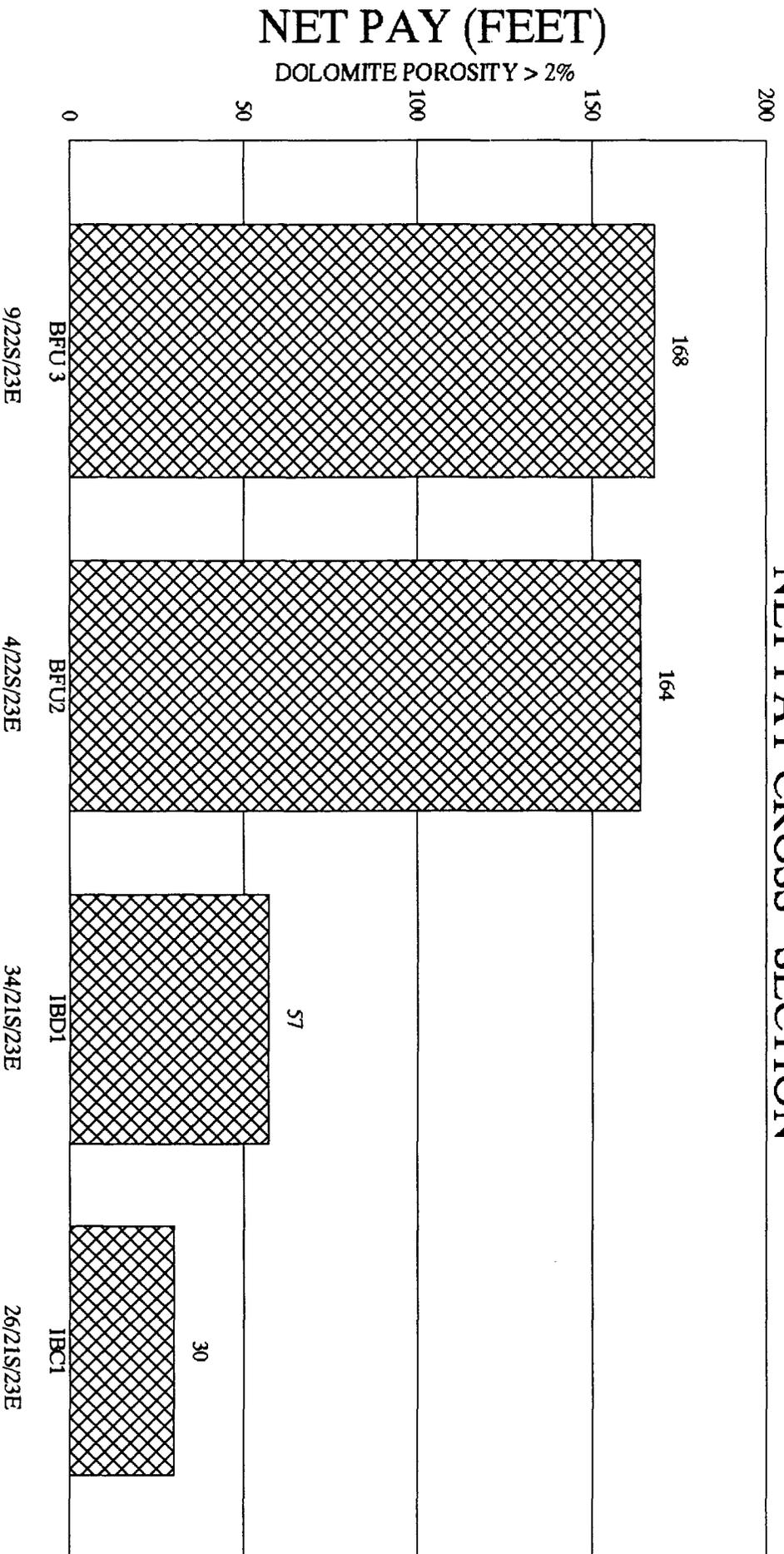


Before the
OIL CONSERVATION COMMISSION

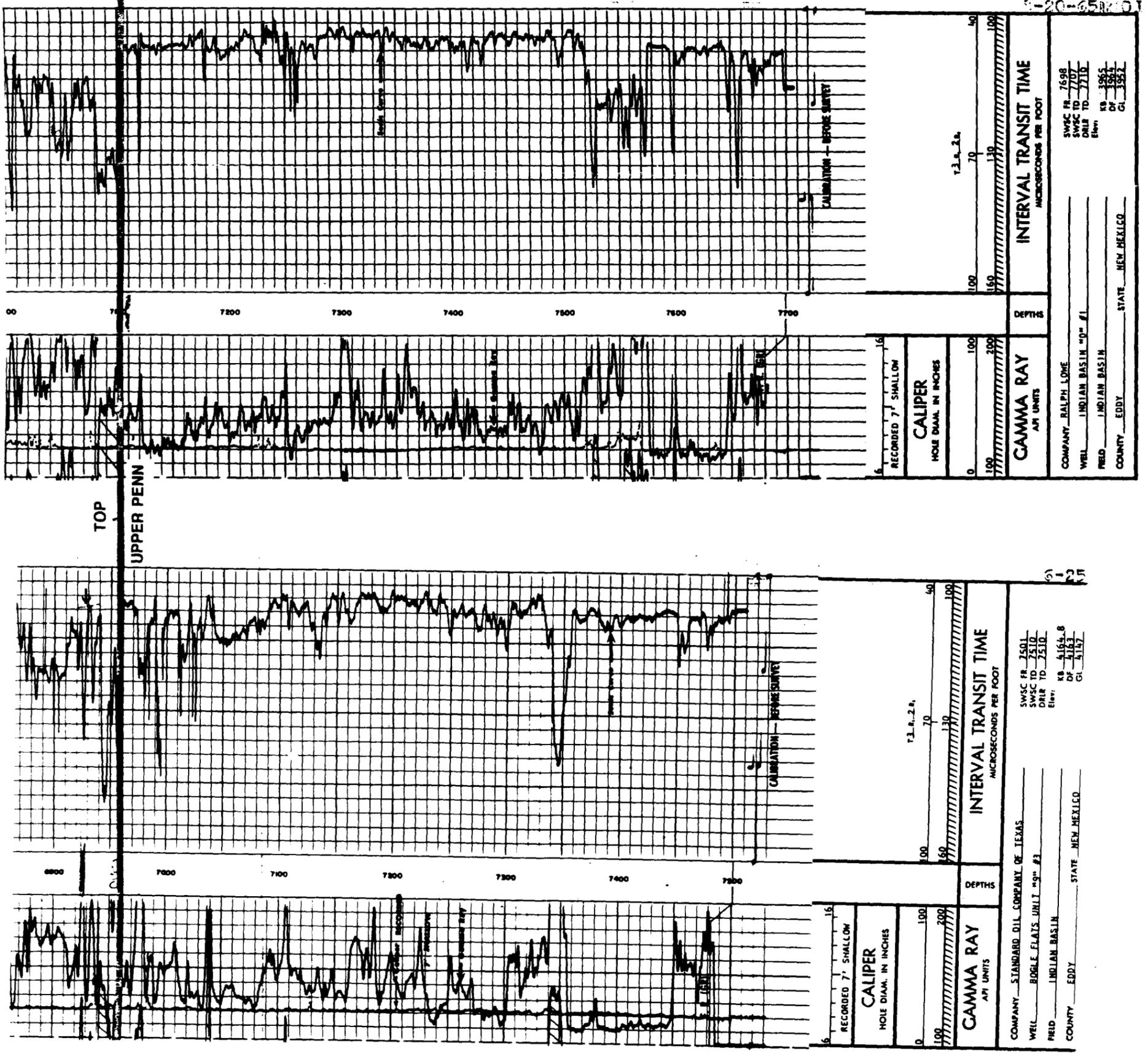
Santa Fe, New Mexico
Case No. 10672 Exhibit No. 2
Submitted by: Marathon Oil Company
Hearing Date: February 25, 1993

INDIAN BASIN FIELD

NET PAY CROSS-SECTION



BEFORE THE
OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO
CASE No. 10672 EXHIBIT No. 8
SUBMITTED BY: MARATHON OIL COMPANY
HEARING DATE: FEBRUARY 25, 1993



MARATHON OIL COMPANY

MID-CONTINENT REGION

INDIAN BASIN FIELD UPPER PENN POOL CROSS SECTION

EDDY COUNTY, NEW MEXICO

Before the
 OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 Case No. 10672 Exhibit No. 9
 Submitted by: Marathon Oil Company
 Hearing Date: February 25, 1993

STATE OF NEW MEXICO

ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION



BRUCE KING
GOVERNOR

ANITA LOCKWOOD
CABINET SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87504
(505) 827-3800

TO: OPERATORS - INDIAN BASIN UPPER PENNSYLVANIAN GAS POOL

FROM: WILLIAM J. LEMAY, DIRECTOR *WJL*

SUBJECT: RECLASSIFICATION OF MUSSELMAN, OWEN & KING OPERATING INC.
WELL - SMITH FEDERAL NO. 2 - AND INCREASE IN F. FACTOR
FOR THE ALLOCATION PERIOD OCTOBER '92 THROUGH MARCH '93.

DATE: JANUARY 12, 1993

The Musselman, Owen & King Operating Inc.'s Federal Smith No. 2 well is an Indian Basin Upper Pennsylvanian Pool completion which has been classified non-marginal due to being overproduced as of October 1, 1991. The well last produced in December of 1991 and is being considered for abandonment in this pool. According to Order R-8170-H, the well should have reclassified to marginal as of July 1, 1992. For the allocation period October '92 through March '93, well classifications as of April 1, 1992 were used to determine the monthly acreage allocation factor. Since the Smith Federal No. 2 well was shown as non-marginal as of April 1, 1992, its production and its acreage factor were used in determining the pool non-marginal production and monthly acreage allocation factor.

Under Rule 12(b) of Order No. R-8170-H, I am reclassifying the non-marginal GPU for the Musselman, Owen & King Operating Inc.'s Federal Smith No. 2 well to marginal as of April 1, 1992.

The reclassification of this well to marginal will change the monthly acreage allocation factor for the Indian Basin Upper Pennsylvanian Pool to 196,495 for the allocation period October '92 through March '93.

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10672 Exhibit No. 10
Submitted By: MARATHON
Hearing Date: 2/25/93

Oryx Exhibits 1 through 6
Complete Set



Oryx Energy Company
13155 Noel Road
Dallas TX 75240-5067
PO Box 2880
Dallas TX 75221-2880
214 715 4000

February 23, 1993

Mr. Larry VanRyan
Chief Engineer
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87504

RE: NMOCC Allowable Hearing Scheduled 2-25-93
Proposed Indian Basin Upper Penn Pool Allowable

Dear Mr. VanRyan:

Oryx Energy Company respectfully requests an acreage allocation factor of 196,500 mcf per month for the Indian Basin Upper Penn Pool covering the period of April 1993 – September 1993. This reflects a 22.4% increase over the factor for the same period in 1992. Oryx believes that this will allow for a reasonable increase in gas production for those operators, including Oryx, who have enhanced their wells' performance through capital investments.

In the late spring of 1992 Oryx initiated a workover program designed to enhance the performance of its wells. The wells were re-perforated, stimulated, and their tubing strings replaced. Also, the production units were refurbished and some wellhead compressors added. To date, Oryx has spent \$604,000 on the above program. Plans are to spend an additional \$150,000 if a reasonable allowable is approved.

Production volumes for Oryx's six wells were prorated for 385,474 mcf covering the period from October 1992 through March 1993. Due to the above mentioned enhancements Oryx estimates it's production to be 774,450 mcf for the same period of time. An attached table shows a well by well breakdown of each well's production. Also, attached are total and individual production curves for each of the Oryx operated wells.

Oryx estimates its wells will produce 857,385 mcf in the April 1993 thru September 1993 period provided that each well produces the full term at its current rate. As the attached memo states, our gas marketing division assures us that they have a market for the proposed increased volumes. Oryx also feels it is necessary to maintain these higher rates in order to achieve a reasonable rate of return on its \$604,000 investment.

Therefore, Oryx urges the Commission to approve the increased allocation factor of 196,500 mcf per month in its upcoming Indian Basin allowable hearing.

Sincerely,

Rick Hall
Operations Engineer

RWH/KK

0074A.RWH

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10672 Exhibit No. 1
Submitted By: Oryx Energy Co
Hearing Date: 2-25-93

ORYX ENERGY COMPANY

CAPITAL AND EXPENSE OUTLAYS

WELLWORK: RE-PERFORATION, STIMULATION, AND TUBULAR UPSIZING IN 6 WELLS	\$433,000
COMPRESSOR INSTALLATION COSTS (2)	16,000
RE-BUILD PRODUCTION UNITS (5)	35,000
SET ADDITIONAL PRODUCTION EQUIPMENT (4)	<u>120,000</u>
TOTAL SPENT TO DATE	\$604,000
PROPOSED SPENDING	<u>\$150,000</u>
GRAND TOTAL	\$754,000

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10672 Exhibit No. 2
Submitted By: Oryx Energy Co
Hearing Date: 2-25-93

**ORYX ENERGY COMPANY
INDIAN BASIN UPPER PENN POOL
GAS PRODUCTION COMPARISON
WINTER PERIOD**

WELL	GAS PRORATION SCHEDULE OCT 92-MAR 93	PRODUCTION ESTIMATE OCT 92 - MAR 93
BRIGHT FEDERAL GAS COM #1	97,583	169,183
BUNNELL FEDERAL #2	25,854	55,012
CONOCO STATE GAS COM #1	106,999	179,276
FEDERAL 28 #1	71,173	182,715
WEST INDIAN BASIN UNIT GAS COM #1	82,950	188,264
WEST INDIAN BASIN UNIT GAS COM #2	915	-0-
TOTAL	385,474	774,450

O074A.RWH

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10672 Exhibit No. 3
Submitted By: Oryx Energy Co
Hearing Date: 2-25-93

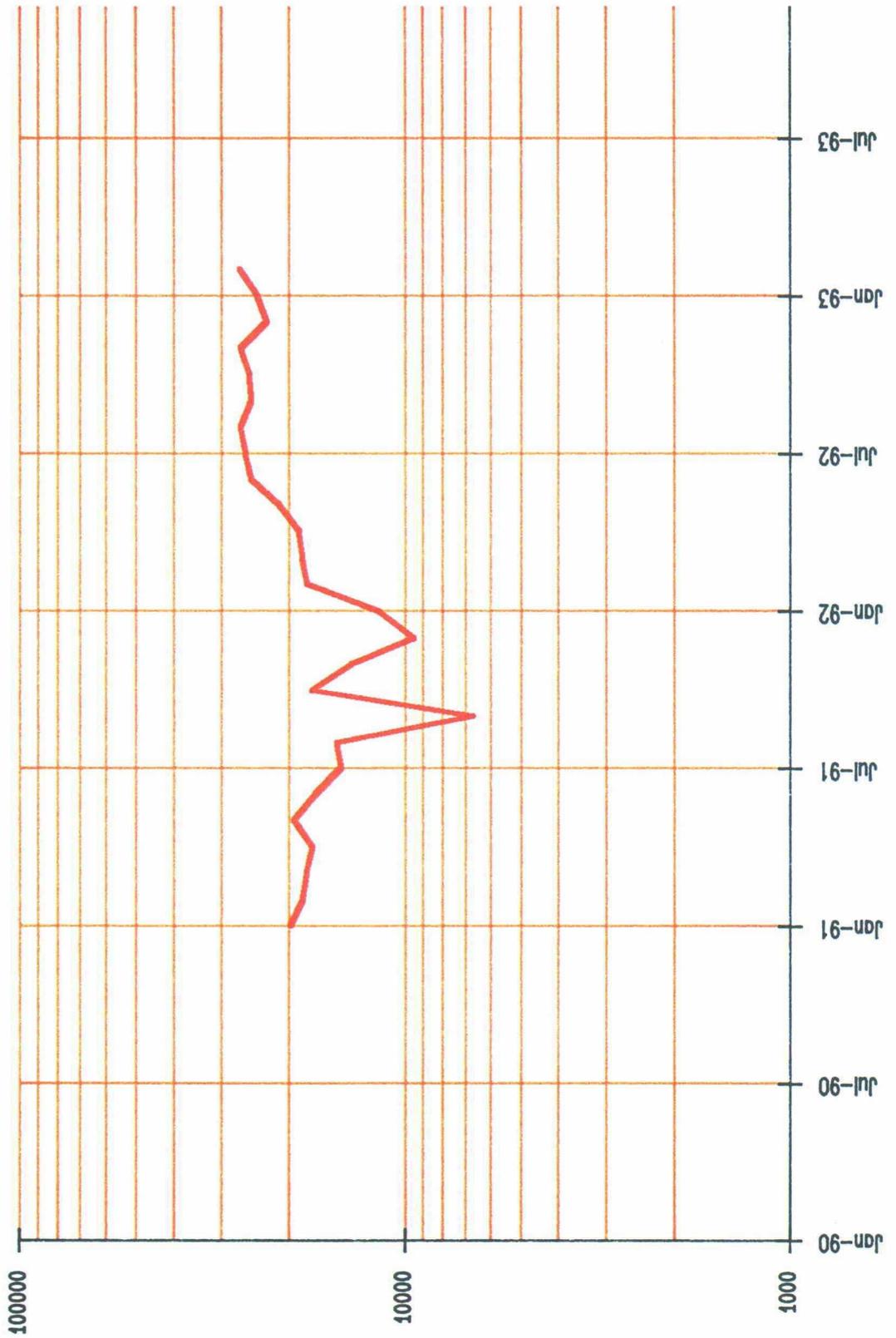
**ORYX ENERGY COMPANY
INDIAN BASIN UPPER PENN POOL
GAS PRODUCTION COMPARISON
SUMMER PERIOD**

WELL	GAS PRORATION SCHEDULE APR 92 - SEP 92	PRODUCTION ESTIMATE APR 93 - SEP 93
BRIGHT FEDERAL GAS COM #1	99,970	188,480
BUNNELL FEDERAL #2	49,127	76,000
CONOCO STATE GAS COM #1	116,322	188,480
FEDERAL 28 #1	64,398	212,800
WEST INDIAN BASIN UNIT GAS COM #1	100,821	191,625
WEST INDIAN BASIN UNIT GAS COM #2	20,666	-0-
TOTAL	451,304	857,385

0074A.RWH

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10672 Exhibit No. 4
Submitted By: Oryx Energy Co
Hearing Date: 5-25-93

Oryx Energy Company
 Indian Basin Field (Upper Penn Pool)



Before the
 OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 Case No. 10672 Exhibit No. 5
 Submitted By: Oryx Energy Co.
 Hearing Date: 2-25-93

Gas MCFD



Oryx Energy Company
13155 Noel Road
Dallas TX 75240-5067
PO Box 2880
Dallas TX 75221-2880
214 715 4000

February 23, 1993

Mr. William J. LeMay, Director
OIL CONSERVATION DIVISION
P. O. Box 2088
Sante Fe, NM 87504

RE: Commission Hearing
Pro-Rated Gas Allowable
Indian Basin Plant

Dear Mr. LeMay:

Oryx Gas Marketing Company currently markets approximately 27,000 MMBTU per day of its equity residue gas production from the Indian Basin Gas Plant. NGPL is the only pipeline connected at the tailgate of the plant. However, I have not experienced any capacity problems in marketing this gas. I have been able to market the gas to the West Coast, the Mid-West, and the Texas Gulf Coast. This flexibility greatly enhances my ability to market the gas and also ensures competitive pricing.

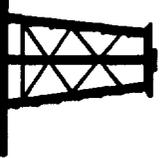
Oryx welcomes the opportunity to service our customers with additional gas deliverability at the Indian Basin Plant.

Yours truly,

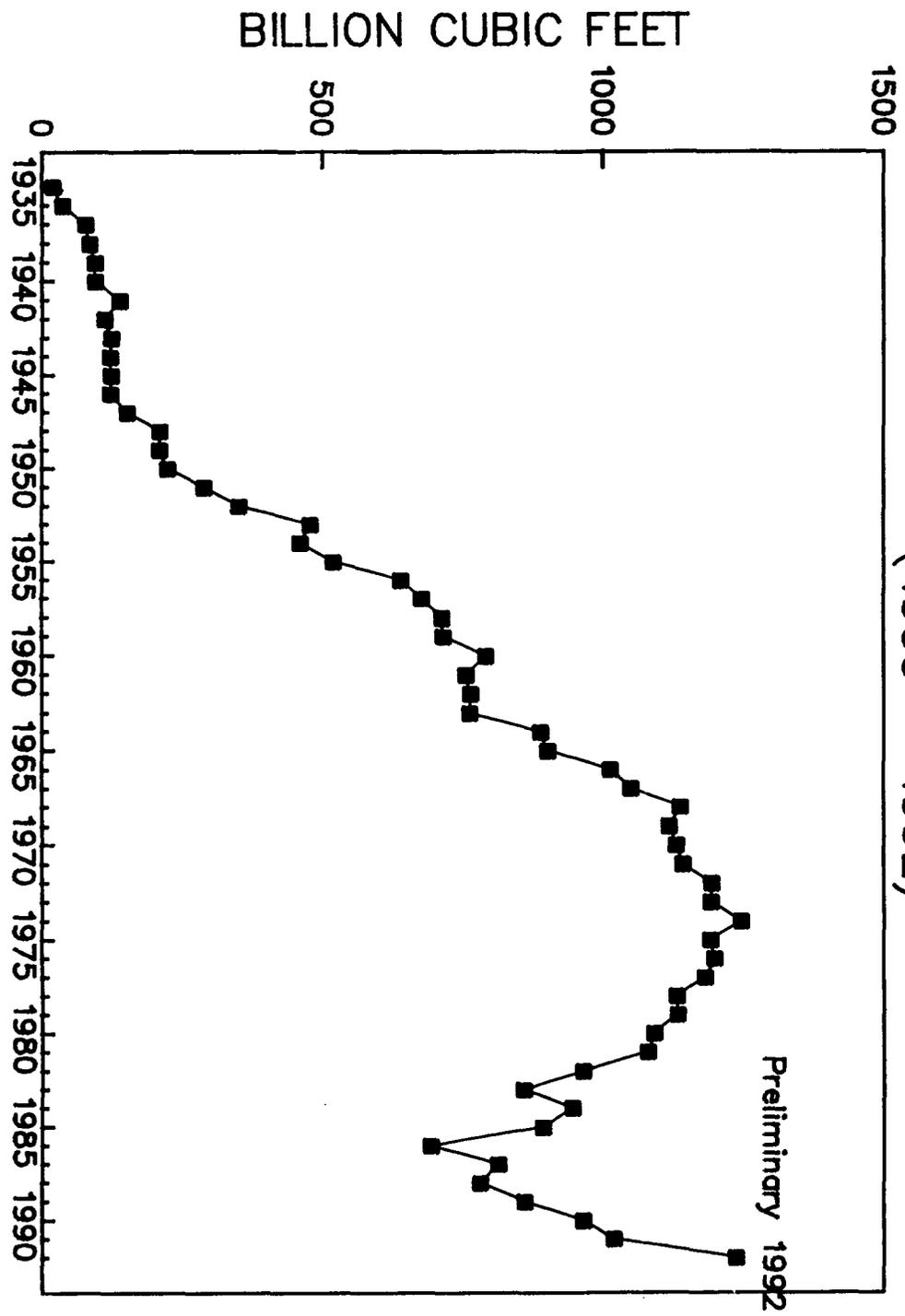
A. Charles "Andy" Anderson
Gas Sales Representative

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10672 Exhibit No. 6
Submitted By: Oryx Energy Co
Hearing Date: 2-25-93

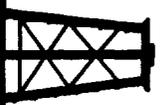
OFFICE OF INTERSTATE NATURAL GAS MARKETS



NEW MEXICO GAS PRODUCTION HISTORY
(1935 - 1992)

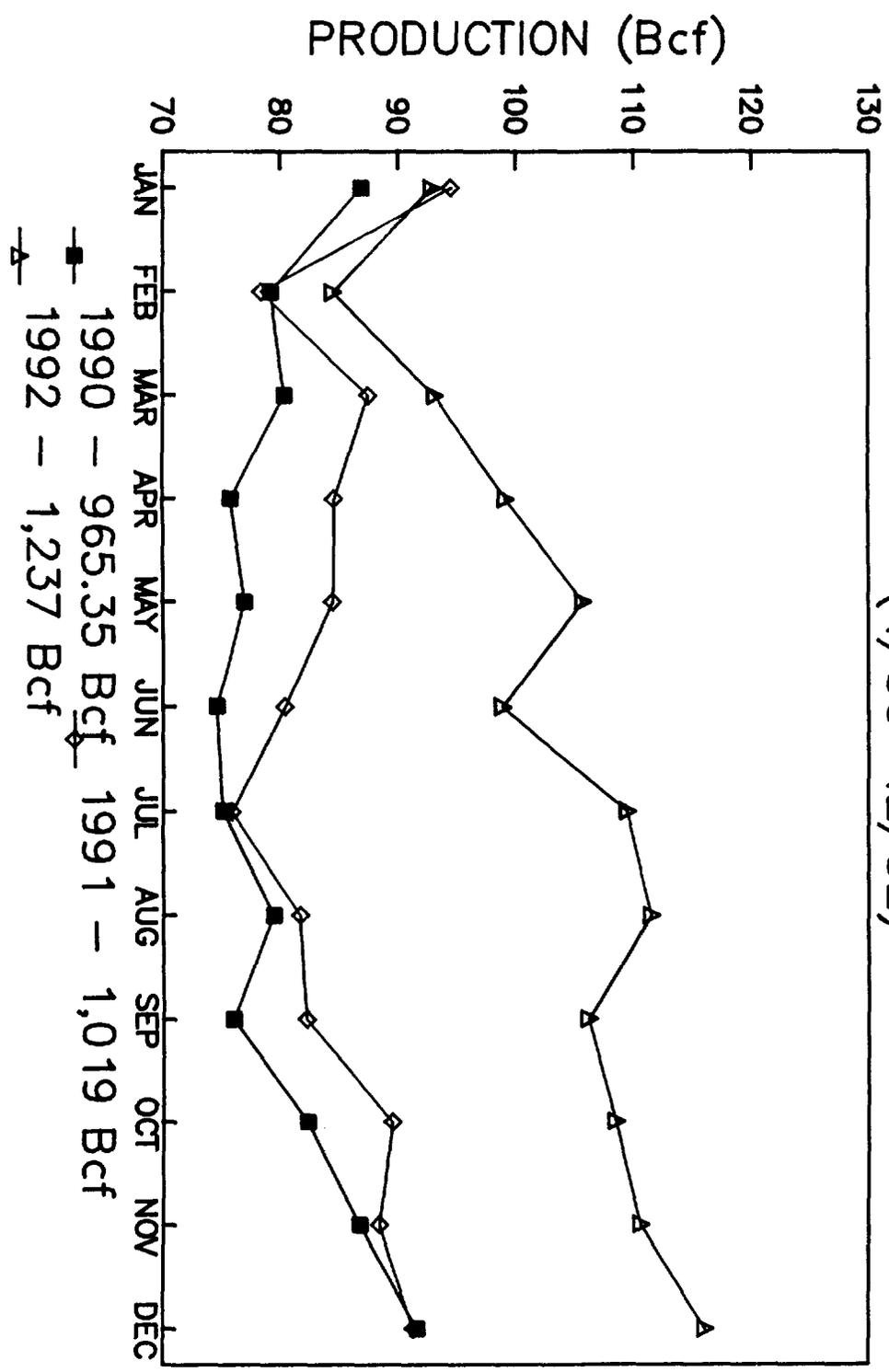


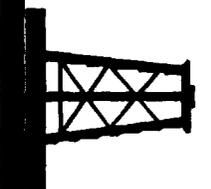
OFFICE OF INTERSTATE NATURAL GAS MARKETS



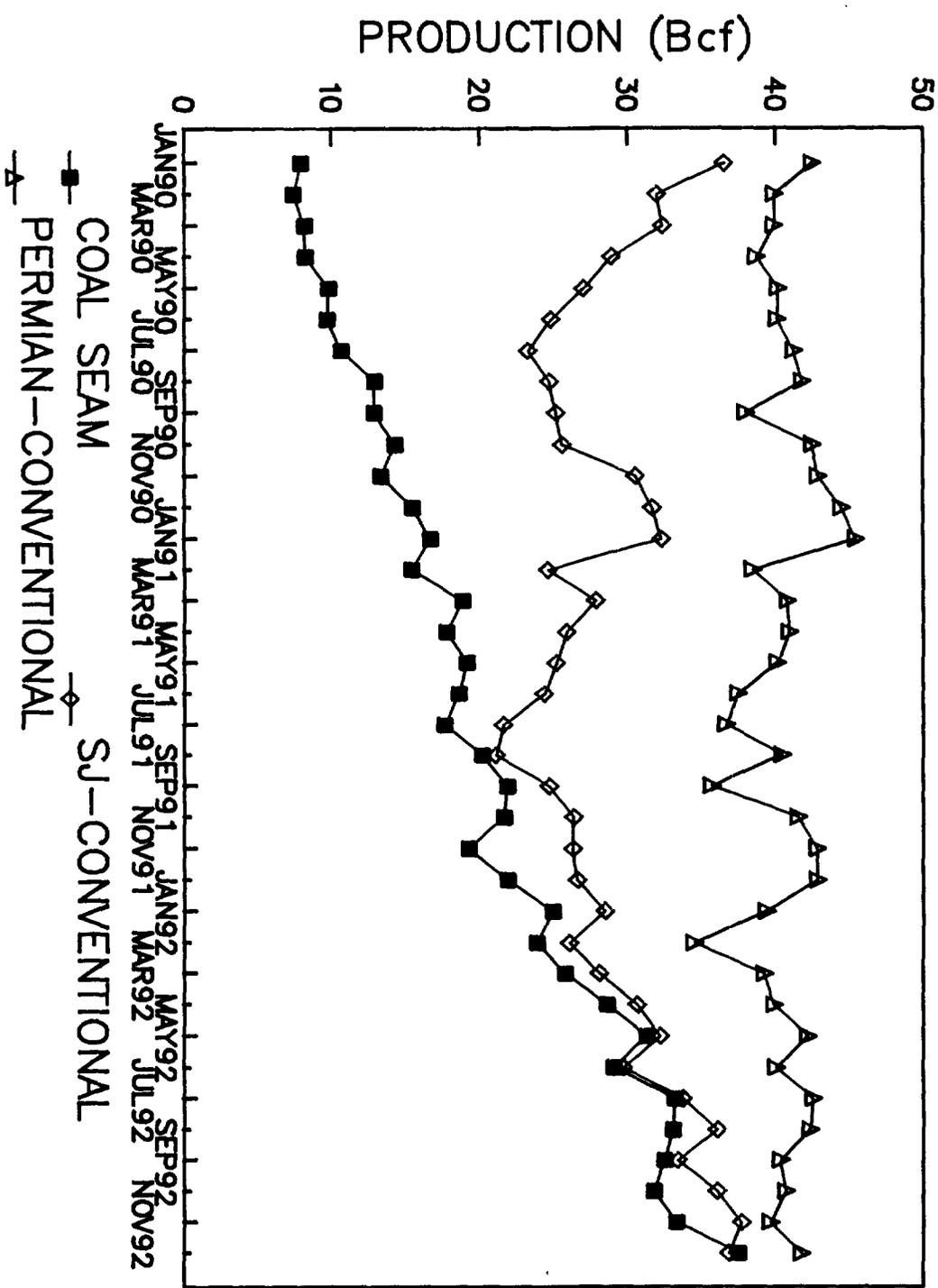
NEW MEXICO NATURAL GAS PRODUCTION

(1/90-12/92)





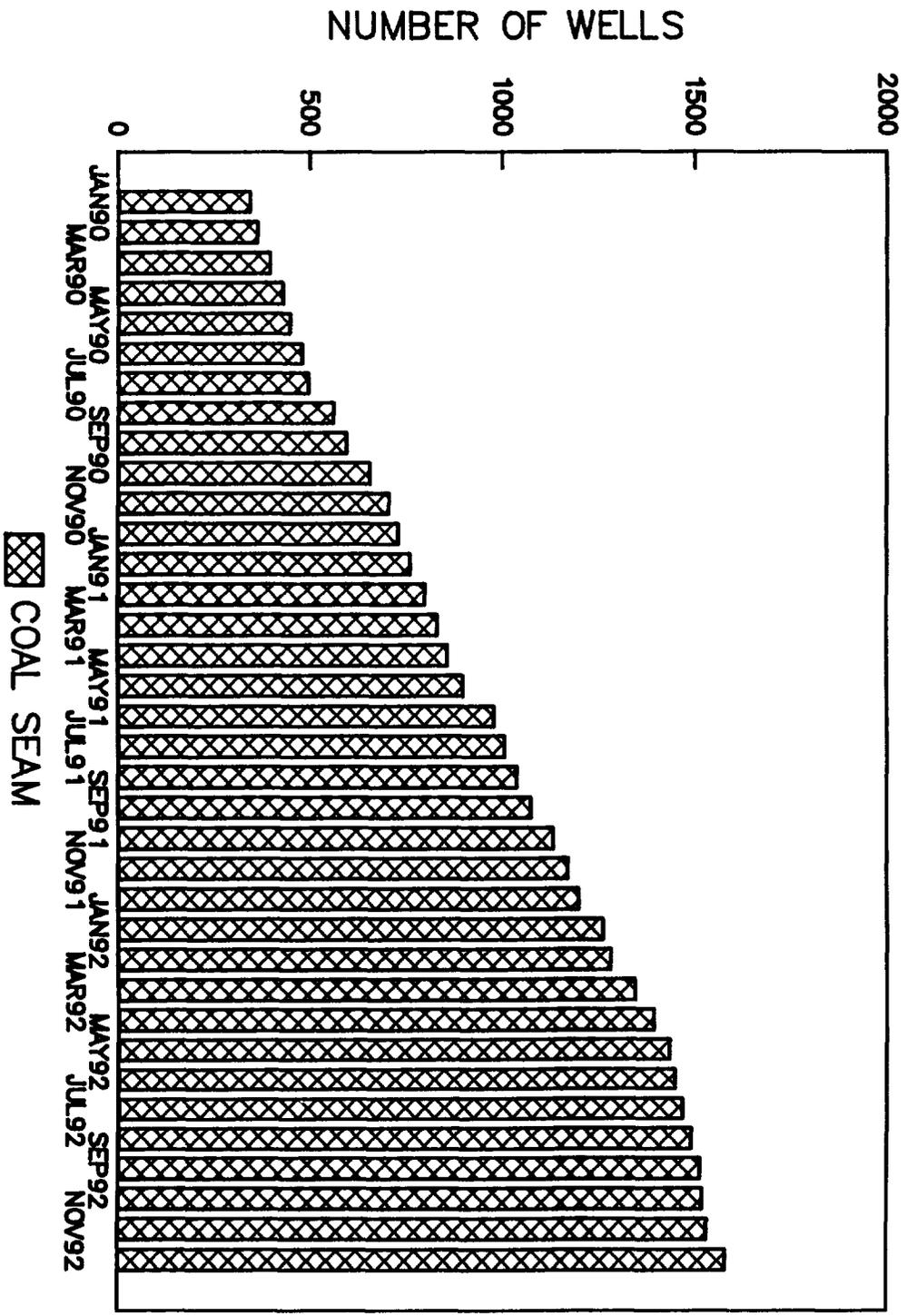
NEW MEXICO NATURAL GAS PRODUCTION

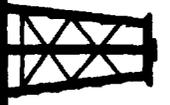


OFFICE OF INTERSTATE NATURAL GAS MARKETS



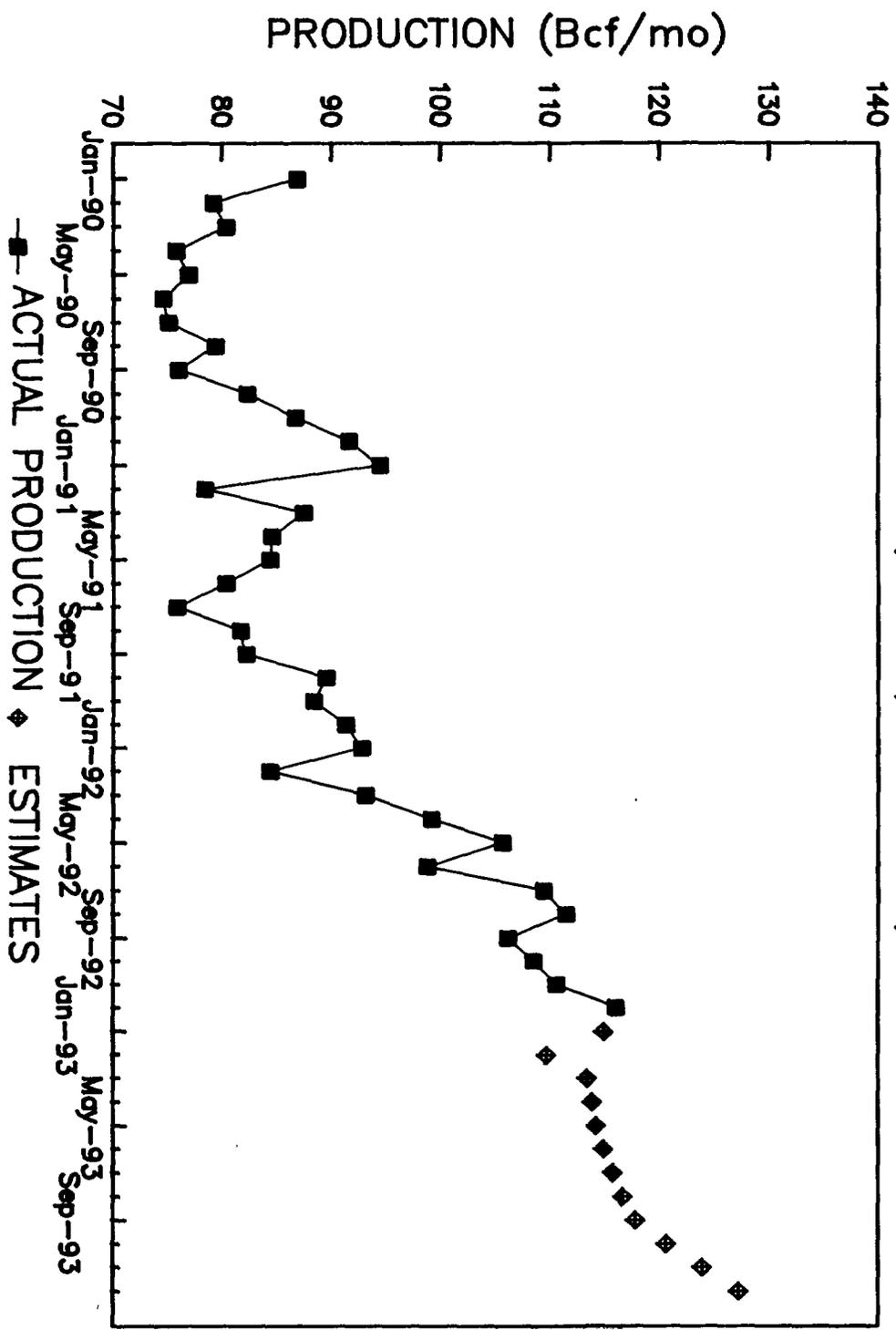
PRODUCING COAL SEAM GAS WELLS



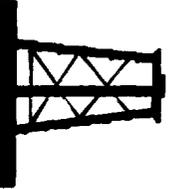


VIEW OF MONTHLY PRODUCTION

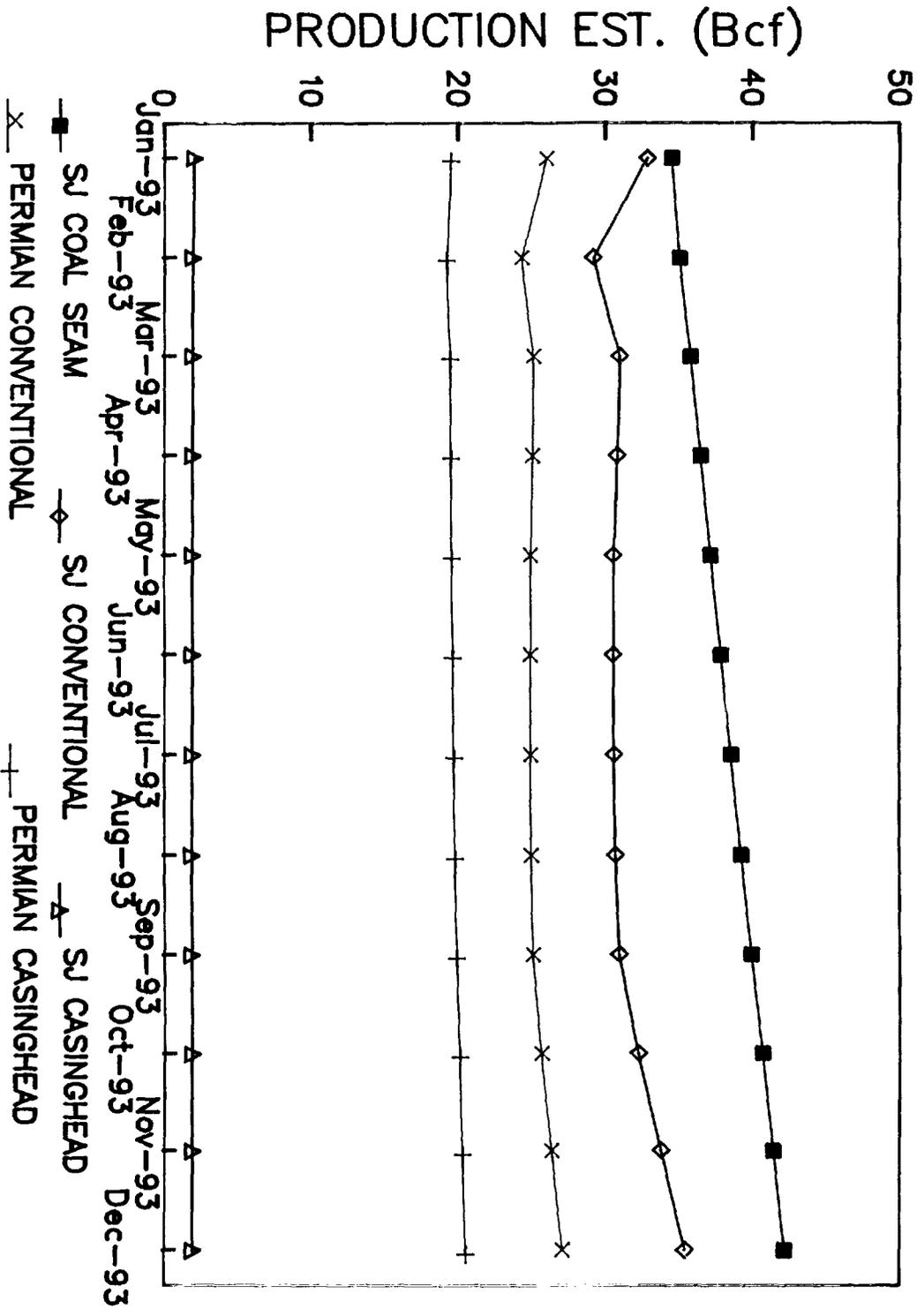
(ACTUAL/ESTIMATES)



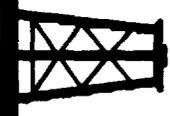
OFFICE OF INTERSTATE NATURAL GAS MARKETS



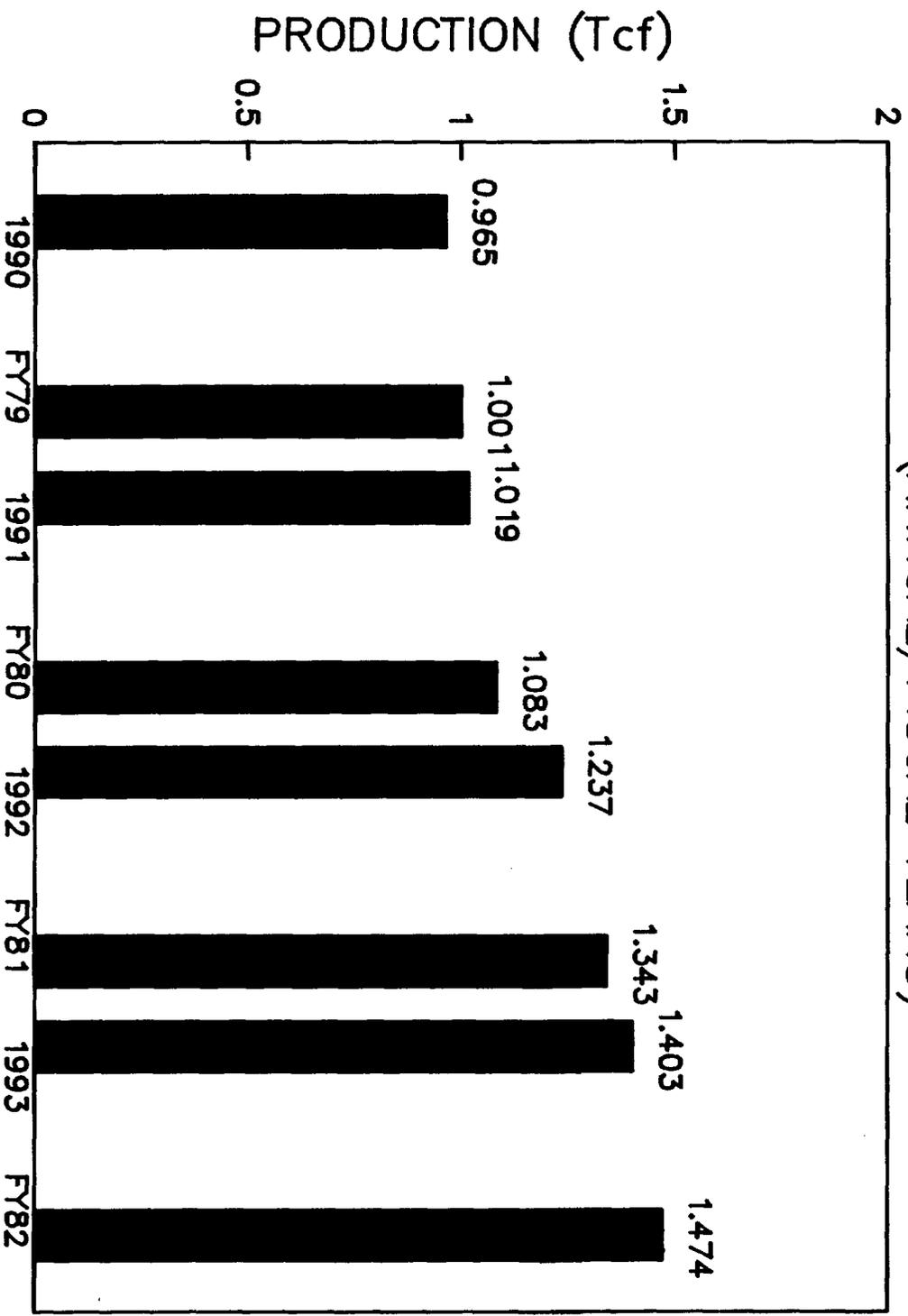
PRODUCTION ESTIMATES BY CATEGORY, BY MONTH



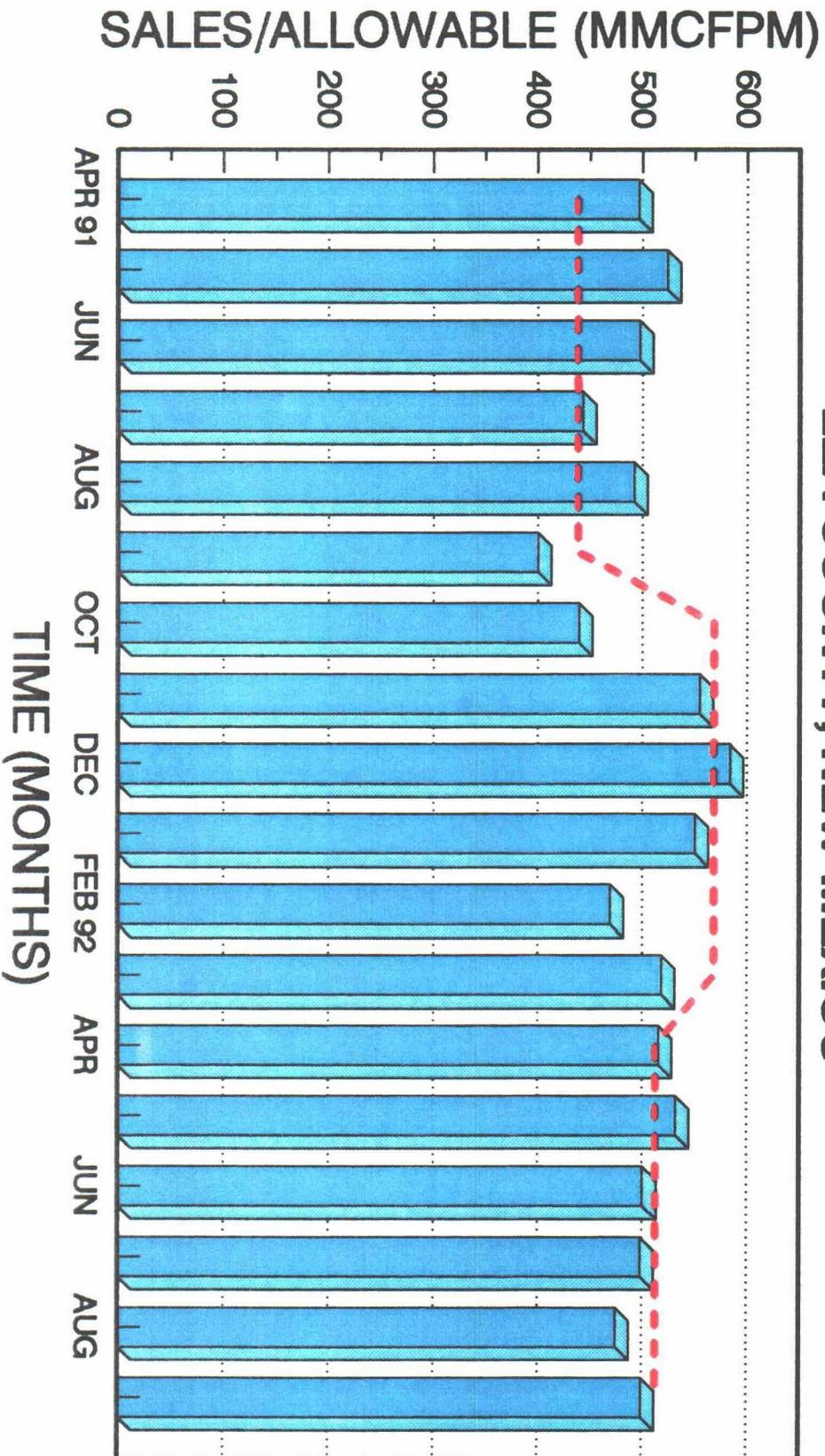
OFFICE OF INTERSTATE NATURAL GAS MARKETS



NATURAL GAS PRODUCTION: ACTUAL & ESTIMATES (ANNUAL/FISCAL YEARS)



BLINEBRY GAS POOL LEA COUNTY, NEW MEXICO



* FEBRUARY 25, 1993 GAS ALLOWABLE HEARING

SALES ALLOWABLE

TIME (MONTHS)

OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 Case No. 10672 Exhibit No. /
 Submitted By: Marathon Oil Company
 Hearing Date: February 25, 1993

BLINEBRY GAS POOL ALLOWABLES

APRIL, 1993 - SEPTEMBER, 1993

	PRELIMINARY FROM OCD	PROPOSED BY MOC
AVERAGE MONTHLY POOL SALES APRIL, 1992 - SEPTEMBER, 1992	500824	500824
ADJUSTMENTS	0	34814
MONTHLY POOL ALLOWABLE APRIL, 1993 - SEPTEMBER, 1993	500824	535638
MONTHLY MARGINAL POOL ALLOWABLE APRIL, 1993 - SEPTEMBER, 1993	298138	298138
MONTHLY NON - MARGINAL POOL ALLOWABLE APRIL, 1993 - SEPTEMBER, 1993	202686	237500
NUMBER OF NON - MARGINAL ACREAGE FACTORS	6.25	6.25
MONTHLY ACREAGE ALLOCATE FACTOR APRIL, 1993 - SEPTEMBER, 1993	32429	38000

OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 Case No. 10672 Exhibit No. 2
 Submitted By: Marathon Oil Company
 Hearing Date: February 25, 1993



P.O. Box 552
Midland, TX 79702-0552
Telephone 915/682-1626

February 16, 1993

To all Operators
Blinebry Pool
Lea County, New Mexico

RE: Upcoming NMOCC Allowables Hearing
Proposed Blinebry Allowables

Gentlemen:

Marathon has reviewed the preliminary allowable estimates recently issued by the New Mexico Oil Conservation Division which will provide the starting point for the hearings scheduled for February 25, 1993 on gas allowables for the upcoming allocation period (April, 1993 - September, 1993). Marathon intends to propose at the hearings that a sufficient positive adjustment be made to the preliminary monthly pool allowable for the Blinebry Pool in order to increase the monthly acreage allocation factor (F1 factor) for Blinebry non-marginal wells, from the 32,429 MCF per month set out on the preliminary table, to 38,000 MCF per month.

To the best of Marathon's knowledge, such an F1 factor, if adopted, would allow all non-marginal wells in the field (with an acreage factor of 1.00) to produce to their full capabilities. Marathon has the markets to sell the additional gas which would be produced under its proposal, and believes that the other operators in the field would be able to find purchasers for their additional production as well. The transportation systems which serve the field are more than adequate to deal with the additional production which would result from the adoption of Marathon's proposal. No operator, whether it operates marginal or non-marginal wells, would have its ability to market its gas inhibited by Marathon's proposal.

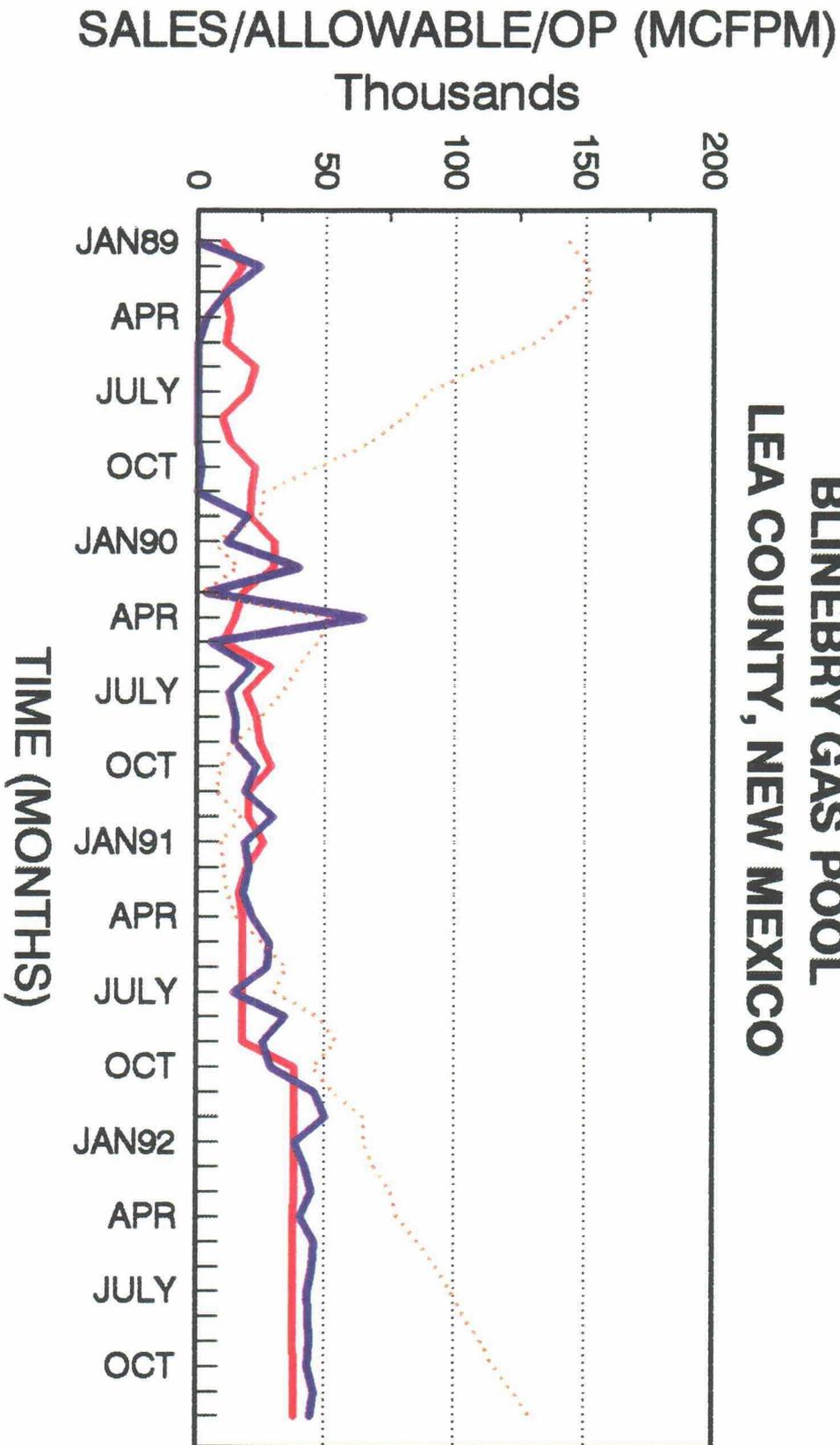
Marathon asks that you support its request to increase the allowables for the Blinebry pool. If at all possible, Marathon asks that you provide its Midland office a letter prior to February 25, 1993 whereby you indicate your support for Marathon's proposal. If you have any questions with regard to Marathon's proposal, please feel free to call Marathon Reservoir Engineer, Craig Kent, at (915) 687-8282.

Sincerely


T. N. Tipton
Engineering Manager

Before the
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 10672 Exhibit No. 3
Submitted by: Marathon Oil Company
Hearing Date: February 25, 1993

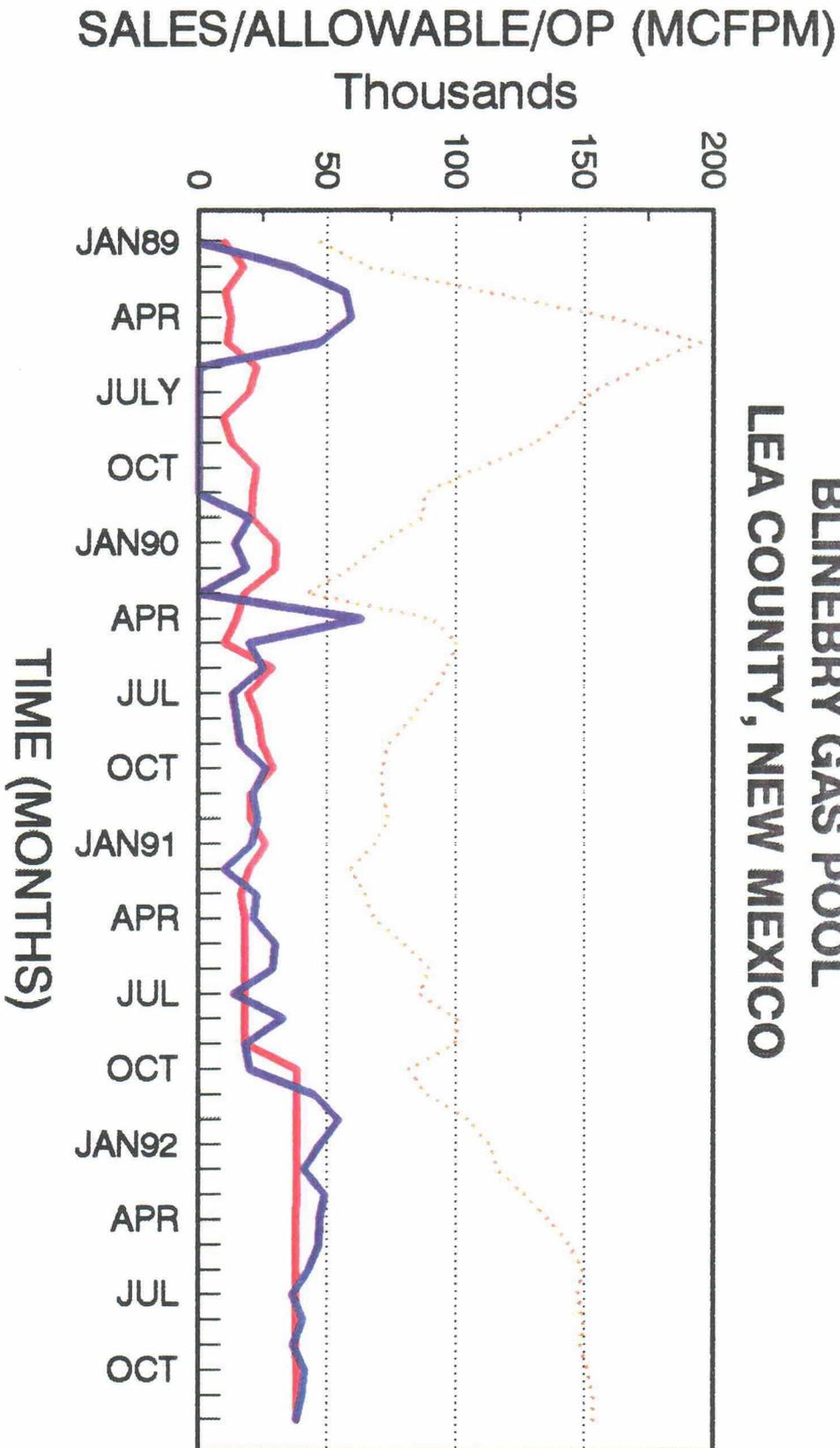
LOU WORTHAN NO. 9 BLINEBRY GAS POOL LEA COUNTY, NEW MEXICO



* FEBRUARY 25, 1993 GAS ALLOWABLE HEARING

OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 Case No. 10672 Exhibit No. 4
 Submitted By: Marathon Oil Company
 Hearing Date: February 25, 1993

LOU WORTHAN NO. 12 BLINEBRY GAS POOL LEA COUNTY, NEW MEXICO



* FEBRUARY 25, 1993 GAS ALLOWABLES HEARING

OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

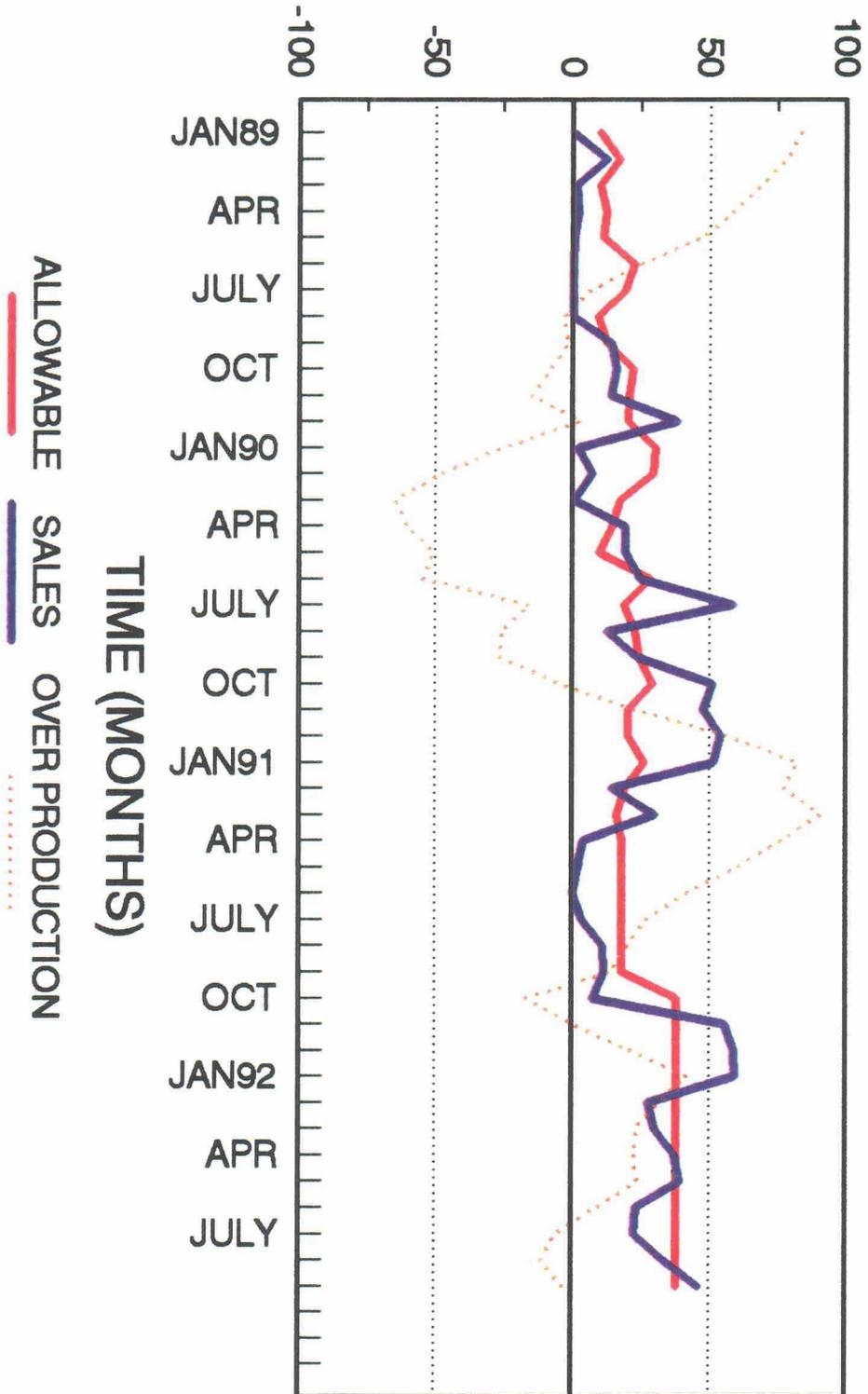
Case No. 10672 Exhibit No. 5

Submitted By: Marathon Oil Company

Hearing Date: February 25, 1993

ELLIOTT HINTON NO. 1 BLINEBRY GAS POOL JOHN H. HENDRIX CORP

SALES/ALLOWABLE/OP (MCFPM)
Thousands



* FEBRUARY 25, 1993 GAS ALLOWABLE HEARING

OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 Case No. 10672 Exhibit No. 8
 Submitted By: Marathon Oil Company
 Hearing Date: February 25, 1993

EXHIBIT 1
 MARKET DEMAND AND ALLOWABLE DETERMINATION SCHEDULE
 FOR APRIL THRU SEPTEMBER 1991
 TREATED GAS FIELDS - SOUTHEAST NEW MEXICO

	ADIVA PENN	B L INERY	BUFFALO VALLEY PENN	BRIAN FLAT MORGAN	CROSSROAD MORGAN	CALDWELL DROW MORGAN	EUPHONIA	INDIAN BASIN MORGAN	INDIAN BASIN UPPER PENN	JANUARI	JONESVILLE	INDO
(1) AVERAGE MONTHLY FUEL SALES APRIL - SEPTEMBER 1990. ALL VOLS ARE IN MCF	69417	436444	208693	304109	197702	120126	1653268	88975	2886197	804426	36976	242230
(2) TOTAL PERMITTIVES AVERAGE MONTHLY VOLUMES	151819	236062	190773	149633	66035	81515	1228504	145000	3600000	103714	0	75571
(3) ADJUSTMENTS	21593		20000	55000	52000	4000	753924	56025	114803	357487	12899	
(4) MONTHLY FUEL REQUIREMENT APRIL - SEPTEMBER 1991 (LINE 1 + LINE 3)	91000	436444	228593	439109	251702	137126	2407182	145000	3000000	1224915	40776	242230
(5) MONTHLY INVENTORY FUEL ALLOWANCE FOR APRIL - SEPTEMBER 1991	30610	151649	145288	171259	151805	65995	1346331	66328	2260345	854410	17041	108708
(6) MONTHLY FUEL REQUIREMENT FUEL ALLOWANCE FOR APRIL - SEPTEMBER 1991 (LINE 4 MINUS LINE 5)	60390	284795	83305	267850	99897	66131	1060851	78762	739655	370475	23735	133522
(7) NUMBER OF NEW SWELLING REFERENCE FIELDS	5.42	15.75	3.00	7.88	4.97	2.99	57.97	0.72	5.49	20.75	9.60	11.20
(8) MONTHLY FUEL REQUIREMENT ADJUSTED FACTOR APRIL - SEPTEMBER 1991 (LINE 6 DIVIDED BY LINE 7)	15319	18082	27768	33991	20100	22117	18300	109267	134728	18300	358	11857

APRIL - SEPTEMBER 1991 FUEL FACTOR: 1.190 (LINE 8)
 BRUSH FLAT SWELLING FUEL: 50,000
 INVENTORY: 11119 FUEL: 27,000

OK
 10672 MARRAS/Jan 2
 2/25/93
 EMISSION

Exhibit "A"
 Case No. 10377
 Order No. R-9586

ENG216AT-ENG216A-01 MARKET DEMAND AND ALLOWABLE DETERMINATION SCHEDULE
 RUN-TIME: 09:13:57 PROPRATED GAS POOLS - SOUTHEAST NEW MEXICO
 FOR OCT 91 THRU MAR 92

RUN-DATE 09/09/91

	ATOKA PENN	BLINEBRY	BUFFALO VALLEY PENN	BURTON HORRUM	FLAT CARLSBAD HORRUM	CATCLAW HORRUM	DRAM	ELKHORN INDIAN BASIN HORRUM	INDIAN BASIN UPPER PENN	JALHAT	JUSTIS GL	TUBB
(1) AVERAGE MONTHLY POOL SALES OCT91-MAR91	113,401	419,669	214,667	436,754	237,631	146,818	2,218,783	196,828	3,229,032	884,356	39,436	231,773
ALL VOLUME ARE IN MCF.												
(2) TOTAL NOMINATIONS AVG MONTH VOL.	21,768					407,167	131,173	3,600,000	126,500	22,669		9,112
(3) ADJUSTMENTS.	27,000	152,320			56,000	95,470	204,616	4,000	328,000	319,475	6,000	35,000
(4) MONTHLY POOL ALLOWABLE OCT91-MAR92 (LINE 1 + LINE 3.)	140,401	566,989	214,667	436,754	293,631	242,288	2,423,399	200,828	3,557,032	1,203,831	45,436	266,773
(5) MONTHLY MARGINAL POOL ALLOWABLE OCT91-MAR92	32,121	157,145	118,757	163,645	213,958	92,288	1,305,423	75,247	2,542,064	801,231	14,064	154,974
(6) MONTHLY NON-MARGINAL POOL ALLOWABLES OCT91-MAR92 (LINE 4 - LINE 5)	108,280	409,844	95,910	253,109	79,673	150,000	1,037,976	125,581	1,014,968	402,600	31,372	111,799
(7) NUMBER OF NON-MARGINAL ACREAGE FACTORS	3.42	10.75	2.00	6.88	3.97	2.00	56.72	.86	5.49	22.00	9.00	11.00
(8) MONTHLY ACREAGE ALLOCABLE FACTOR OCT91-MAR92 (LN 6 / LN 7)	11,660	38,125	47,955	36,789	20,068	75,000	16,300	146,024	184,875	18,300	3,485	10,163

F1 FACTORS FOR OTHER POOLS
 BURTON FLAT STRAIN FL = 10,000
 HORRUMT ROCKE ELLEN F1 = 25,000

Before the
 OIL CONSERVATION COMMISSION
 Santa Fe, New Mexico
 Case No. 10673 Exhibit No. 10
 Submitted By: MARGARET
 Hearing Date: 2/25/93

ENGP216T--ENGP216-01
 RUN-TIME: 06:56:58

EXHIBIT "A" CASE NO. 10450
 MARKET DEMAND AND ALLOWABLE DETERMINATION SCHEDULE
 PRORATED GAS POOLS - SOUTHEAST NEW MEXICO
 FOR APR92 THRU SEP92

RUN-DATE 03/23/92

	ATOKA PENN	BLINEBRY	BUFFALO	BURTON FLAT	CARLSBAD	CATCLAW DRAW	EUMONT	INDIAN BASIN	INDIAN BASIN	JALPAT	JUSTIS GL	TUBB
			VALLEY PENN	HORROM	HARROM	HORROM	HORROM	SO	UPPER PENN			
(1) AVERAGE MONTHLY POOL SALES APR91-SEP91 ALL VOLUME ARE IN MCF.	89,914	354,110	157,429		233,629	238,675	1,936,303	74,035	3,292,012	966,159	40,742	204,165
(2) TOTAL NOMINATIONS AVG MONTH VOL.												
(3) ADJUSTMENTS.	48,000	157,241	7,000		100,000	58,559	169,191					10,000
(4) MONTHLY POOL ALLOWABLE APR92-SEP92 (LINE 1 + LINE 3.)	137,914	511,351	164,429		333,629	297,234	2,105,494	74,035	3,292,012	966,159	40,742	214,165
(5) MONTHLY MARGINAL POOL ALLOWABLE APR91-SEP91	25,062	131,351	134,745		186,434	53,234	1,364,710	63,149	2,250,351	814,000	13,116	121,127
(6) MONTHLY NON-MARGINAL POOL ALLOWABLES APR92-SEP92 LINE 4 - LINE 5	112,852	380,000	29,684		147,195	244,000	740,784	10,886	1,041,661	152,159	27,626	93,038
(7) NUMBER OF NON-MARGINAL ACREAGE FACTORS	3.78	10.00	1.00		4.97	2.00	40.48	.86	6.49	8.00	7.00	9.00
(8) MONTHLY ACREAGE ALLOCATE FACTOR APR92-SEP92 (LN 6 / LN 7)	29,855	38,000	29,684		29,617	122,000	18,300	12,658	160,502	19,020	3,947	10,338

F1 FACTORS FOR OTHER POOLS
 BURTON FLAT STRAMI F1 = 10,000
 MOUNTAIN HOCKEE ELLEN F1 = 25,000

ENGP216T--ENGP216-01

EXHIBIT "A" COMMISSION ORDER NO. R--9734
 MARKET DEMAND AND ALLOWABLE DETERMINATION SCHEDULE
 PRORATED GAS POOLS - SOUTHEAST NEW MEXICO
 FOR OCT92 THRU MAR93

	ATOKA PENN	BLINEBRY	BUFFALO VALLEY PENN	CARLSBAD HORROR	CATCLAW DRAM HORROR	ELMONT INDIAN BASIN HORROR SO	INDIAN BASIN UPPER PENN	JALPAT	JUSTIS GL	TUBB	
(1) AVERAGE MONTHLY POOL SALES OCT91-MAR92 ALL VOLUME ARE IN MCF.	100,603	454,535	276,371	230,677	355,760	2,596,563	81,249	3,027,791	1,143,588	55,754	252,532
(2) TOTAL NOMINATIONS AVG MONTH VOL.		36,681								81,000	
(4) MONTHLY POOL ALLOWABLE OCT92-MAR93 (LINE 1 + LINE 3.)	100,603	491,216	276,371	230,677	355,760	2,596,563	81,249	3,027,791	1,143,588	136,754	252,532
(5) MONTHLY MARGINAL POOL ALLOWABLE OCT91-MAR92	81,189	233,872	276,371	196,007	230,505	2,225,600	81,249	2,048,526	1,062,804	27,523	184,565
(6) MONTHLY NON-MARGINAL POOL ALLOWABLES OCT92-MAR93 LINE 4 - LINE 5	19,414	257,344		34,670	125,255	370,963		979,265	80,784	109,231	67,967
(7) NUMBER OF NON-MARGINAL ACREAGE FACTORS	1.00	6.75		1.00	1.00	15.00		5.49	3.25	6.00	7.00
(8) MONTHLY ACREAGE ALLOCATE FACTOR OCT92-MAR93 (LN 6 / LN 7)	19,414	38,125	*30,000	34,670	125,255	24,730	*36,000	178,372	24,856	18,205	9,710

F1 FACTORS FOR OTHER POOLS
 BURTON FLAT STRAM F1 = 10,000
 MONUMENT HCKEE ELLEN F1 = 25,000

*AS OF 3-31-92, THESE POOLS DO NOT HAVE ANY WELLS IN A NON-MARGINAL STATUS. THESE F1 FACTORS ARE ASSIGNED TO MONITOR THE WELLS IN THE POOLS.

ILLEGIBLE

EXHIBIT "A" COMMISSION ORDER NO.
 MARKET DEMAND AND ALLOWABLE DETERMINATION SCHEDULE
 PROPOSED GAS POOLS - SOUTHEAST NEW MEXICO
 FOR APR93 THRU SEP93

	ATOKA PENN	RUIHERDY	RUFFALO	CARLSBAD	CATCLAW DRAIN	EURNOUT	INDIAN BASIN	INDIAN BASIN	JALPAT	JUSTIS GL	TUBB
	VALLEY PENN	HOPROM	HOPROM	HOPROM	HOPROM	HOPROM SO	UPPER PENN				
(1) AVERAGE MONTHLY POOL SALES APR92-SEP92 ALL VOLUME APE IN MCF	105,758	500,824	310,329	240,881	386,049	2,505,122	92,730	3,513,791	1,188,148	48,936	288,492
(2) TOTAL NOMINATIONS AVG MONTH VOL.											
(3) ADJUSTMENTS.											
(4) MONTHLY POOL ALLOWABLE APR93-SEP93 (LINE 1 + LINE 3.1)	105,758	500,824	310,329	240,881	386,049	2,505,122	92,730	3,513,791	1,188,148	48,936	288,492
(5) MONTHLY MARGINAL POOL ALLOWABLE APR92-SEP92	82,459	298,138	239,520	233,949	301,060	1,933,788	36,175	2,320,245	1,081,617	7,805	165,489
(6) MONTHLY NON-MARGINAL POOL ALLOWABLES APR93-SEP93 LINE 4 - LINE 5	23,299	202,686	70,809	6,932	82,989	571,334	56,555	1,193,546	106,531	41,131	123,003
(7) NUMBER OF NON-MARGINAL ACREAGE FACTORS	1.00	6.25	2.00	-	-	19.75	2.08	6.92	4.25	7.00	9.50
(8) MONTHLY ACREAGE ALLOCATE FACTOR APR93-SEP93 (LINE 6 / LINE 7)	23,299	32,429	35,450	-	-	28,928	27,189	172,476	25,066	5,876	12,947

F1 FACTORS FOR OTHER POOLS
 BURTON FLAT STRAIN F1 = 10,000
 MOUNTAIN HCKEE ELLEN F1 = 25,000

HINKLE, COX, EATON, COFFIELD & HENSLEY

ATTORNEYS AT LAW

218 MONTEZUMA

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ALBUQUERQUE, NEW MEXICO 87103
(505) 768-1500
FAX (505) 768-1529

February 24, 1993

*NOT LICENSED IN NEW MEXICO

William J. LeMay
Oil Conservation Division
310 Old Santa Fe Trail
Santa Fe, New Mexico 87503

Re: Case No. 10,672 (Gas Allowable Hearing)

Dear Mr. LeMay:

Enclosed are an original and two copies of a Pre-Hearing Statement submitted by Exxon Corporation with respect to the above case. I apologize for the delay in submitting the Statement, but I was not informed until today that my client would be presenting a short case.

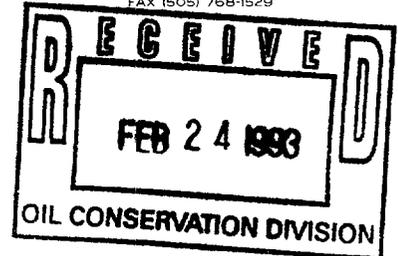
Very truly yours,

HINKLE, COX, EATON, COFFIELD
& HENSLEY

James Bruce
James Bruce

JB:frs
Enclosures

Via Hand Delivery

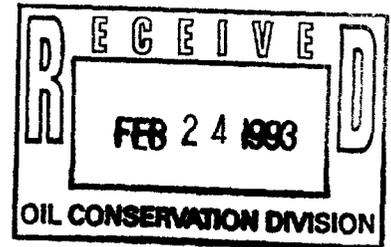


STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION COMMISSION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 10,672

THE HEARING CALLED BY THE OIL
CONSERVATION DIVISION TO ACCEPT
NOMINATIONS AND OTHER EVIDENCE
REGARDING APRIL 1993 THROUGH
SEPTEMBER 1993 GAS ALLOWABLES
FOR PRORATED POOLS



PRE-HEARING STATEMENT

This pre-hearing statement is submitted by Exxon Corporation as required by the Oil Conservation Commission.

APPEARANCE OF PARTIES

APPLICANT

ATTORNEY

Oil Conservation Division

Robert G. Stovall

OTHER PARTY

ATTORNEY

Exxon Corporation
Post Office Box 1600
Midland, Texas 79702
(915) 688-6174
Attn: William T. Duncan, Jr.

James Bruce
Hinkle, Cox, Eaton, Coffield
& Hensley
Post Office Box 2068
Santa Fe, New Mexico 87504-2068
(505) 982-4554

STATEMENT OF CASE

APPLICANT

OPPOSITION

Exxon requests that the allowable be increased for three of its wells in the Tubb Oil and Gas Pool.

PROPOSED EVIDENCE

APPLICANT

WITNESSES

EST. TIME

EXHIBITS

OPPOSITION

WITNESSES

EST. TIME

EXHIBITS

(a) W. T. Duncan, Jr.
(Petroleum Engineer)

10 min

Approximately three.

PROCEDURAL MATTERS

Respectfully submitted,

HINKLE, COX, EATON, COFFIELD
& HENSLEY

A handwritten signature in cursive script that reads "James Bruce". The signature is written in black ink and is positioned above a horizontal line.

James Bruce
Post Office Box 2068
Santa Fe, New Mexico 87504-2068
(505) 982-4554

Attorneys for Exxon Corporation

CASE 10612
ORDER R-9858

BY THE COMMISSION

This cause came on for hearing at 9:00 a.m. on February 25, 1993, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

Now on this _____ day of March, 1993, the Commission, a quorum being present and having considered the testimony, the exhibits received at said hearing, and being fully advised in the premises,

FINDS THAT:

(1) Due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) This hearing was called for the purpose of accepting nominations and other evidence and information to assist in determining April, 1993 through September, 1993 gas allowables for the prorated gas pools in New Mexico. Thirteen of the prorated gas pools are in Lea, Eddy, and Chaves Counties in Southeast New Mexico, and the other four prorated gas pools are in San Juan, Rio Arriba, and Sandoval Counties in Northwest New Mexico.

(3) Amendments to the Gas Proration Rules approved by the Commission Order No. R-8170-H in December, 1990 provide for the allowables to be established for six-month allocation periods beginning in April and October of each year.

(4) Average monthly allowables for April, 1993 through September, 1993 for each pool are calculated by taking the monthly average individual pool sales for April 1992 through September 1992 and adding positive or negative adjustments which are supported by substantial evidence presented at this hearing.

(5) Oil Conservation Division (OCD) personnel prepared Market Demand and Allowable Determination Schedules for the prorated gas pools in New Mexico. These schedules contained pool production information from the period April 1992 through September 1992 without adjustments and the calculations assigning the preliminary allowables to marginal and non-marginal wells, based upon their classification at the time the schedules were prepared. Producers, purchasers, and transporters of gas were asked to review these preliminary allowables and to submit evidence at this hearing which would support any recommended adjustments to the pool allowable.

(6) The Director of the Office of Interstate Natural Gas Markets submitted graphs showing the history of natural gas production in New Mexico. These graphs also showed the recent increases in production and a lessening in the seasonal effect on production. The production for 1993 was estimated to continue to increase but not as fast as it did in 1992.

(7) Three different Operators appeared and requested upward adjustments to the pools in Northwest New Mexico.

BASIN-DAKOTA ~~GAS~~ POOL

(8) *Meridian Oil, Inc., Phillips Petroleum and Amoco Production Co. requested the following adjustments to the pool allowable for the Basin-Dakota ~~GAS~~ Pool:*

COMPANY	ADJUSTMENT	RESULTING POOL ALLOWABLE
Meridian Oil, Inc.	2,000,000	10,171,546
Phillips Petroleum	2,600,000	10,771,546
Amoco Production Co.	1,500,000	9,671,546

Each company supported its recommendation with testimony that the gas market for the subject period would increase and would not be subject to the historic seasonal drop over the summer months. The Amoco witness testified that it felt the Meridian recommendation was not unreasonable, but the Phillips request was probably too high.

FINDING: A pool allowable adjustment of 2,000,000 MCF per month is a reasonable and substantial adjustment.

BLANCO-MESA VERDE ~~GAS~~ POOL

(9) *The same three companies presented evidence and requested increases to the Blanco-Mesa Verde ~~GAS~~ Pool allowable as follows:*

COMPANY	ADJUSTMENT	RESULTING POOL ALLOWABLE
Meridian Oil, Inc.	3,000,000	17,317,142
Phillips Petroleum	2,700,000	17,017,142
Amoco Production Co.	2,900,000	17,217,142

FINDING: A pool allowable adjustment of 2,900,000 MCF per month is appropriate and reasonable for this pool.

SOUTH BLANCO-PICTURED CLIFFS ~~GAS~~ POOL

(10) *Meridian Oil, Inc. and Amoco Production Co. requested pool allowable adjustments of 150,000 and 100,000 MCF per month, respectively, for the South Blanco-Pictured Cliffs ~~GAS~~ Pool.*

FINDING: The Division has, by ^{NO.} order R-8170-L, set a minimum allowable of 100 MCF per day for gas proration units with an acreage factor of 1 in this pool, and an adjustment of 177,619 MCF per month for a pool monthly allowable of

1,434,904 MCF per month is needed for this pool in order to reach the minimum allowable required by that order.

TAPACITO-PICTURED CLIFFS GAS POOL

(11) Amoco Production Co. requested an adjustment of 75,000 for a pool monthly allowable of 309,942 for the Tapacito-Pictured Cliffs Gas Pool, which is a reasonable adjustment.

(12) Five operators appeared and presented testimony which supported upward adjustments in the allowables for three different pools in Southeast New Mexico.

BLINEBRY GAS POOL

(13) *Marathon Oil Company requested an adjustment of 34,814 MCF/mo. to the pool allowable as presented in the Market Demand and Allowable Determination Schedule prepared by the OCD personnel for the Blinebry Gas Pool. They presented evidence that there was a market for this production. They had also notified all operators in the Blinebry Gas Pool of their intent to request a higher allowable and had not received any objections.*

FINDING: The pool allowable for the Blinebry Gas Pool should be adjusted by 34,814 MCF/mo. since there exists a market for this production and no operator in the Blinebry Gas Pool objected to the increase.

INDIAN BASIN-UPPER PENN GAS POOL

(14) *Marathon Oil Company and Oryx Energy Company requested an adjustment of 166,234 MCF/mo. to the pool allowable for the Indian Basin-Upper Penn. Pool. Both companies indicated that they had performed remedial work on several of their wells and had significantly increased the wells' ability to produce. They also provided information that they had a market for this increased production. Marathon notified all the operators of wells in the pool of their intention to ask for this increase and had not received any objections.*

Chevron USA, Inc. presented testimony that they had recently worked over several of their wells in the Indian Basin-Upper Penn. Pool and that they had significantly increased the wells' producing capacity. Chevron also presented testimony that they could market the increased production due to these workovers. They did not object to Marathon's and Oryx's request for an increase in allowable and did not make any recommendation themselves.

FINDING: The Indian Basin-Upper Penn. Pool allowable as presented in the Market Demand and Allowable Determination Schedule should be adjusted by 166,234 MCF/mo. There is a market for this increased production and none of the operators in the pool objected to the increase.

TUBB GAS POOL

(15) *Exxon Corporation requested an adjustment in the pool allowable for the Tubb Gas Pool. The adjustment was 5,928 MCF/mo. and would increase the non-marginal proration unit by 20 MCF/Day.*

FINDING: The Tubb Gas Pool allowable should be adjusted by 5,928 MCF/mo. There was no opposition to this request and it does not appear to be enough to infringe on any correlative rights of other operators in the pool.

(16) By Order No. R-8170-M, the Justis-Glorieta Pool had a minimum gas allowable of 600 MCF/Day for an acreage factor of 1.0 established. To match this minimum allowable, an adjustment of 89,069 MCF/mo. should be made to the pool allowable.

IT IS THEREFORE ORDERED THAT:

(1) Exhibits "A" and "B" attached to and incorporated herein are adopted for the purpose of making allowable assignments for the prorated gas pools in New Mexico for the months April 1993 through September 1993.

(2) The Oil Conservation Division is hereby directed to allocate production to the individual gas proration units in each of the prorated gas pools for April 1993 through September 1993 allocation period in accordance with this order and other Division Rules, Regulations and Orders.

(3) Jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico on this day and year hereinabove designated.

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OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

PURCHASER'S GAS NOMINATIONS

COMPANY <i>Northern Natural Gas Company</i>	ADDRESS <i>1111 South 103RD Street, Omaha Nebraska 68124</i>
------------------------------------------------	----------------------------------------------------------------------------

In accordance with the Rules and Regulations of the Oil Conservation Division of the State of New Mexico, the above named company herewith submits its nominations for the purchase of gas from the Tubb

Pool for the month shown below: (insert in appropriate month)

MONTH	YEAR	NOMINATION, MCF
APRIL	1993	8,086
MAY	}	8,355
JUNE		8,086
JULY		8,355
AUGUST		8,355
SEPTEMBER		8,086
OCTOBER		
NOVEMBER		
DECEMBER		
JANUARY		
FEBRUARY		
MARCH		

NOTE: All Volumes are to be MCF at 15.025 psia and 60° F.

James R. Kusek Signature
 JAMES R. KUSEK Printed Name & Title
 PRODUCTION SPECIALIST
 2/15/93 Date
 (402) 398-7154 Telephone No.

FILING INSTRUCTIONS: One copy of this form must be filed with the Santa Fe Office of the Division by the first day of the month during which the nominations are to be considered at public hearing.

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

PURCHASER'S GAS NOMINATIONS

COMPANY <i>Northern Natural Gas Company</i>	ADDRESS <i>1111 South 103RD Street, Omaha Nebraska 68124</i>
------------------------------------------------	----------------------------------------------------------------------------

In accordance with the Rules and Regulations of the Oil Conservation Division of the State of New Mexico, the above named company herewith submits its nominations for the purchase of gas from the *Eumont Yates*

Pool for the month shown below: (insert in appropriate month)

MONTH	YEAR	NOMINATION, MCF
APRIL	<i>1993</i>	<i>144,313</i>
MAY	}	<i>149,118</i>
JUNE		<i>144,313</i>
JULY		<i>149,118</i>
AUGUST		<i>149,118</i>
SEPTEMBER		<i>144,313</i>
OCTOBER		
NOVEMBER		
DECEMBER		
JANUARY		
FEBRUARY		
MARCH		

NOTE: All Volumes are to be MCF at 15.025 psia and 60° F.

James R. Kusek Signature
JAMES R. KUSEK Printed Name & Title
PRORATION SPECIALIST Date *2/15/93* Telephone No. *(402) 398-7154*

FILING INSTRUCTIONS: One copy of this form must be filed with the Santa Fe Office of the Division by the first day of the month during which the nominations are to be considered at public hearing.

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

PURCHASER'S GAS NOMINATIONS

COMPANY <i>Northern Natural Gas Company</i>	ADDRESS <i>1111 South 103RD Street, Omaha Nebraska 68124</i>
------------------------------------------------	----------------------------------------------------------------------------

In accordance with the Rules and Regulations of the Oil Conservation Division of the State of New Mexico, the above named company herewith submits its nominations for the purchase of gas from the *Jalmat*

Pool for the month shown below: (insert in appropriate month)

MONTH	YEAR	NOMINATION, MCF
APRIL	<i>1993</i>	<i>12,433</i>
MAY	}	<i>12,848</i>
JUNE		<i>12,433</i>
JULY		<i>12,848</i>
AUGUST		<i>12,848</i>
SEPTEMBER		<i>12,433</i>
OCTOBER		
NOVEMBER		
DECEMBER		
JANUARY		
FEBRUARY		
MARCH		

NOTE: All Volumes are to be MCF at 15.025 psia and 60° F.

James R. Kusek **JAMES R. KUSEK**
Signature Printed Name & Title Date Telephone No.
2/15/93 *(402) 398-7154*

FILING INSTRUCTIONS: One copy of this form must be filed with the Santa Fe Office of the Division by the first day of the month during which the nominations are to be considered at public hearing.

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

PURCHASER'S GAS NOMINATIONS

COMPANY <i>Northern Natural Gas Company</i>	ADDRESS <i>1111 South 103RD Street, Omaha Nebraska 68124</i>
------------------------------------------------	----------------------------------------------------------------------------

In accordance with the Rules and Regulations of the Oil Conservation Division of the State of New Mexico, the above named company herewith submits its nominations for the purchase of gas from the *Monument McKel*

Pool for the month shown below: (insert in appropriate month)

MONTH	YEAR	NOMINATION, MCF
APRIL	1993	8,618
MAY	 	8,906
JUNE		8,618
JULY		8,906
AUGUST		8,906
SEPTEMBER		8,618
OCTOBER		
NOVEMBER		
DECEMBER		
JANUARY		
FEBRUARY		
MARCH		

NOTE: All Volumes are to be MCF at 15.025 psia and 60° F.

James R. Kusek **JAMES R. KUSEK**
Signature Printed Name & Title Date Telephone No.

PRORATIONSPECIALIST 2/15/93 (402)398-7154

FILING INSTRUCTIONS: One copy of this form must be filed with the Santa Fe Office of the Division by the first day of the month during which the nominations are to be considered at public hearing.