

ANGEL RANCH
(ATOKA-MORROW)

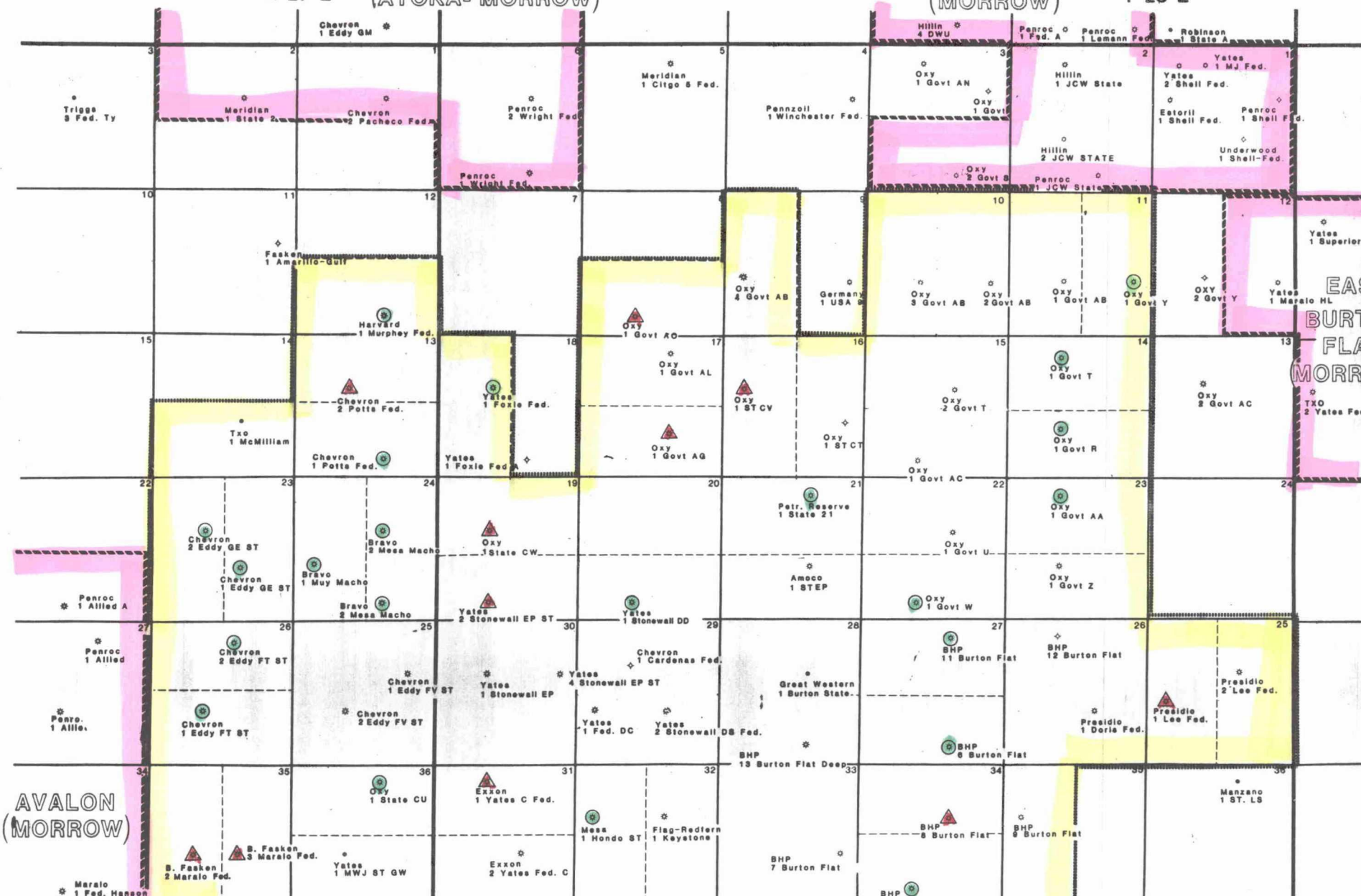
WINCHESTER
(MORROW)

T-28-E

R-27-E

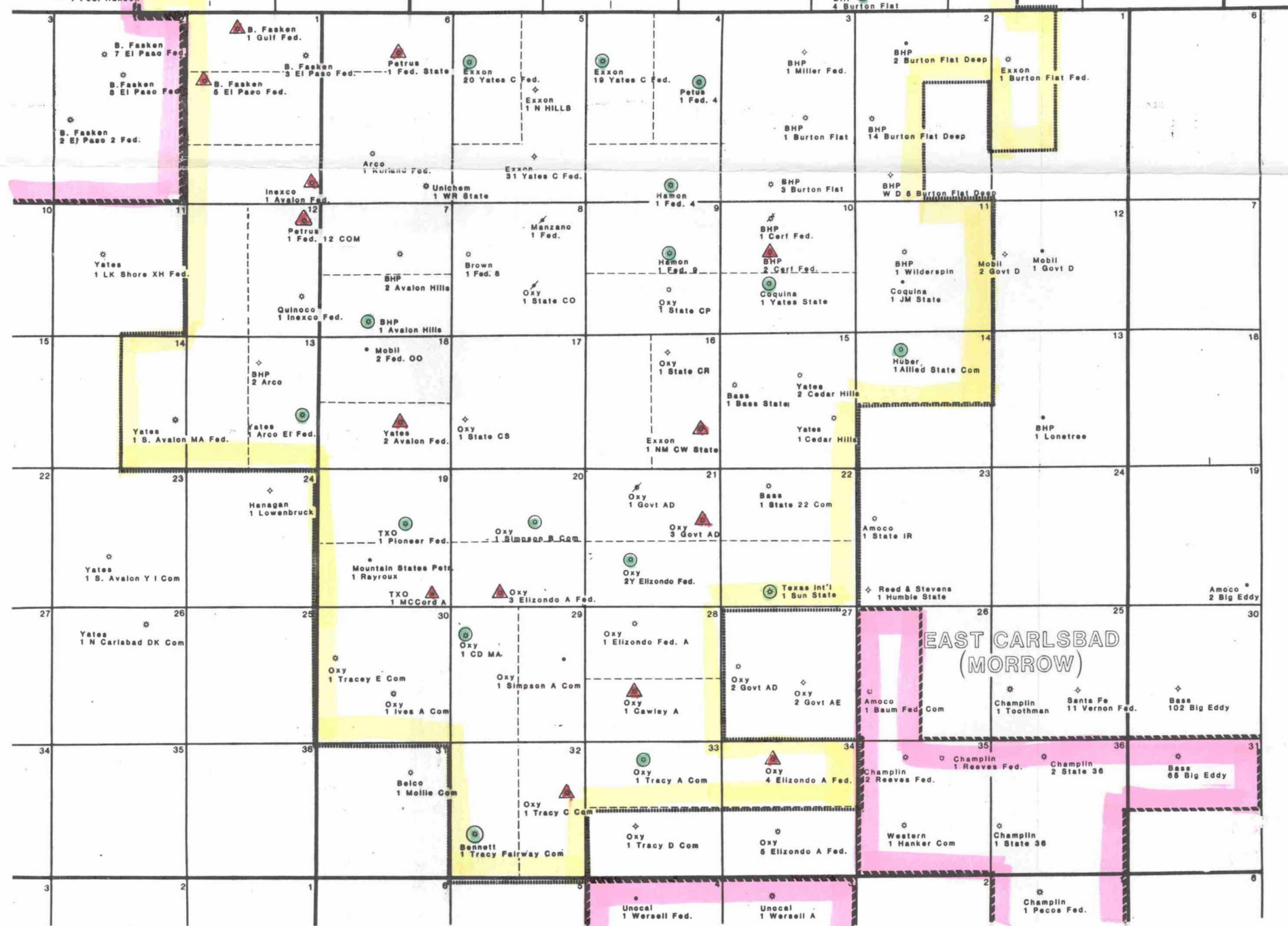
T
20
S

EAST
BURTON
FLAT
(MORROW)



AVALON
(MORROW)

T
21
S



T-26-E

SOUTH CARLSBAD
(MORROW)

T-27-E

- MARGINAL WELL, AUG., 89 PRORATION SCHEDULE
- ▲ NON-MARGINAL WELL
- OUTLINE OF BURTON FLAT (MORROW) FIELD
- OUTLINE OF OTHER MORROW FIELDS

BEFORE EXAMINER STOGNER
Oil Conservation Division
OXY Exhibit No. 1
Case No. Allowable



OXY USA INC.

BURTON FLAT (MORROW) FIELD

EDDY CO., NEW MEXICO



AUG., 1989

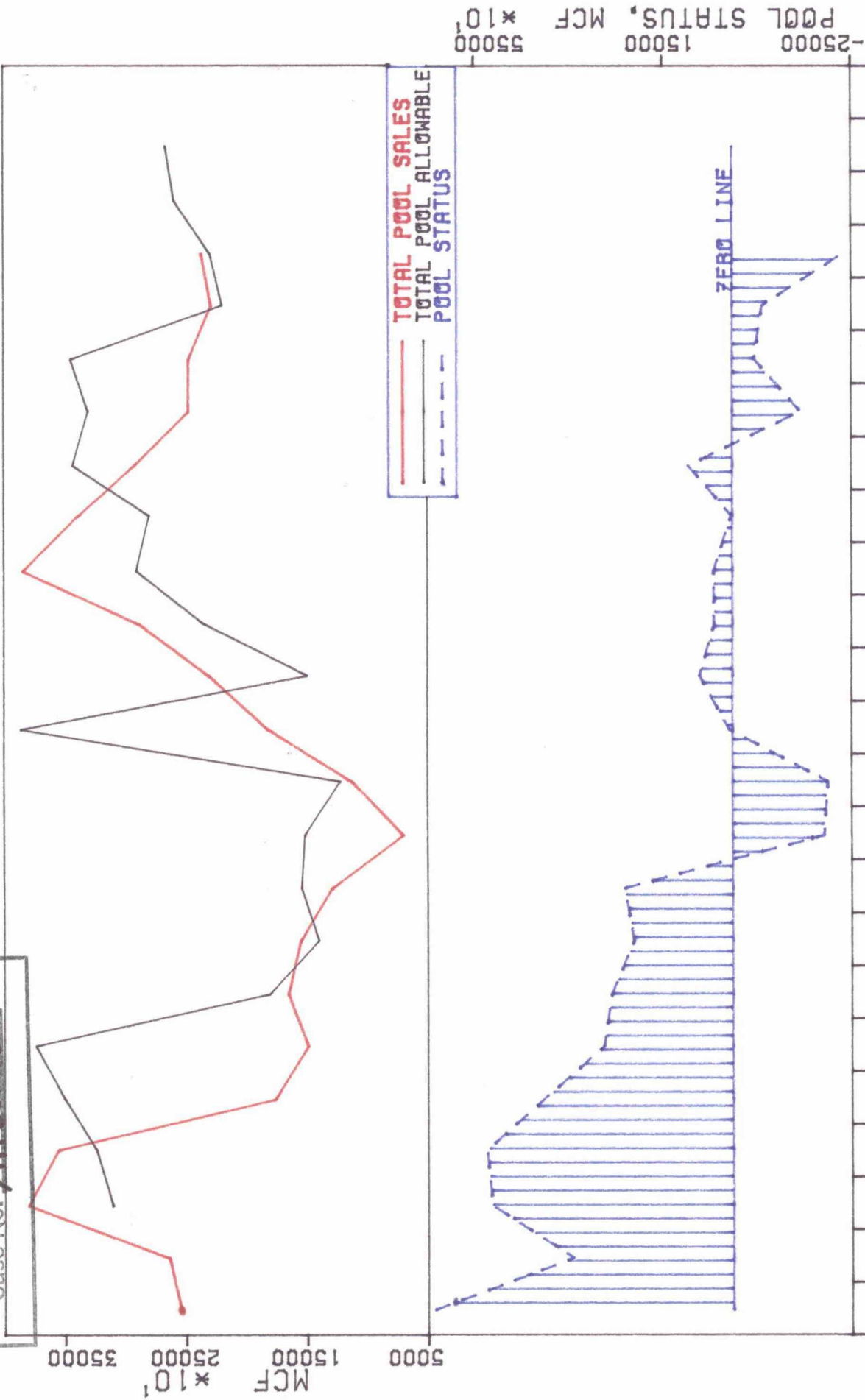
BEFORE EXAMINER STOGNER

Oil Conservation Division

Oxy Exhibit No. 2

Case No. Allowable

BURTON FLATS MORROW (PRORATED GAS) FIELD



MARKET DEMAND ANALYSIS

BEFORE EXAMINER STOGNER

Oil Conservation Division

OXY Exhibit No. 3Case No. Allowable

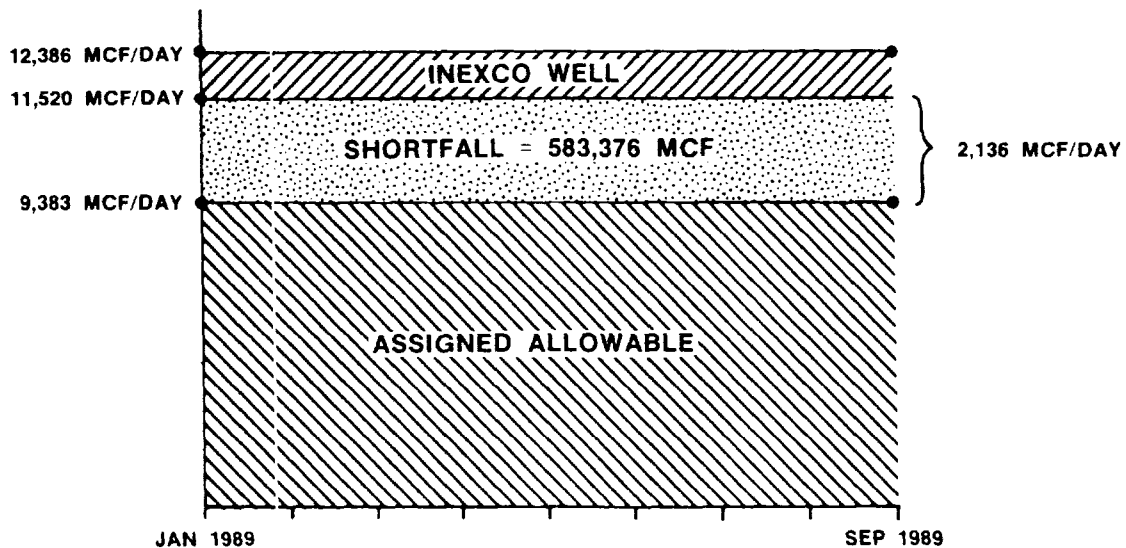
NON-MARGINAL WELLS

SEPTEMBER 1989 PRORATION SCHEDULE

Operator/Well	----- 8-1-89 Status -----	
	Under Produced	Over Produced
OXY USA INC.		
Cawley A Com #1	13068	
Elizando A Federal #3		46640-
Elizando A Federal #4		22172-
Government AD Com #3		51753-
Government AG #1		33878-
Government AD Com #1		22266-
State CV Com #1	10384	
Tracy C Com #1	14790	
YATES PETROLEUM CORP.		
Stonewall EP State #2		29642-
Avalon Federal #2		24313-
BARBARA FASKEN		
El Paso Federal Com #5		4866-
Gulf Federal Com #1		6572-
Maralo Federal #1	2237	
Maralo Federal #2		27451-
BHP PETROLEUM, INC.		
Burton Flat Deep Unit #6	22789	
Cerf Federal Com #2		33041-
EXXON CORP.		
New Mexico CW State Com #1	9802	
Yates Federal C		3643-
PETRUS OIL CO., L.P.		
Federal 12 Com #1		21778-
TXO PRODUCTION CORP.		
McCord A #1	2298	
PRESIDIO EXPLOATION INC.		
Lee Federal #1	18054	
TOTALS	93422	328015-
FIELD STATUS AS OF 8-1-89 =		234,593-

CALCULATIONS

1) January 1989 Field Gas Production	=	383,968 MCF
2) Divided by 31 days in January	=	12,386 MCF/Day
3) January 1989 Production for Inexco well	=	26,837 MCF
4) Divided by 31 days in January	=	866 MCF/Day
5) January 1989 Field Gas Production, less production of Inexco well (2-4)	=	11,520 MCF/Day
6) Total Field Allowable assigned between 1-1-89 and 9-30-89	=	2,561,584 MCF
7) Number of Days between 1-1-89 and 9-30-89	=	273 Days
8) Total Field Allowable assigned between 1-1-89 and 9-30-89, daily basis	=	9,383 MCF/Day
9) Difference between 5 and 8	=	2,136 MCF/Day
10) Multiplied by 273 days	=	583,376 MCF





BRIDGE OIL (U.S.A.) INC.

Manager for
PETRUS OIL COMPANY, L.P.
PIN OAK JOINT VENTURE

October 2, 1989

BEFORE EXAMINER STOGNER

Oil Conservation Division

OKY Exhibit No. 5

Case No. Allowable

Mr. Richard E. Foppiano
OKY USA Inc.
Box 3908
Tulsa, OK 74102

RE: Non-Marginal Wells Allowable
Burton Flat Morrow (Prorated Gas) Pool
Eddy County, New Mexico

Dear Mr. Foppiano:

Petrus Oil Company, L.P. will not be able to have a representative attend the meeting that you have scheduled on October 4, 1989 with the New Mexico Oil & Gas Commission to raise the non-marginal allowable for the above captioned gas pool. As a substitute for not having anyone present, please submit this letter as evidence of our support in raising the allowable.

Petrus Oil Company, L.P. has had to severely curtail the production of their Federal 12 Com #1 well strictly due to allowable nominations. This well is capable of producing 1,500,000 standard cubic feet of gas per day with the use of the existing compressor. We are also able to market or sale one-hundred percent of all of the gas that this well is capable of producing. However, after producing the well for approximately three months last winter, we rapidly approached an overage equal to six times our monthly allowable. The well has been shut-in for the past six months to reduce the excess production or overage. Having a compressor sit idle for six months is a very inefficient use of capital funds.

Petrus Oil Company, L.P. also operates marginal wells in the same pool. However, there is no economic incentive to rework those wells to increase the production because the allowable constraints would not allow us to produce sufficient volumes to justify the proposed work.

Petrus Oil Company, L.P. supports your effort to either raise the field nomination to a much greater level or reclassify the field to a Non-prorated Gas Pool.

Sincerely,

Donald E. Spence (enc)

Donald E. Spence
West Texas Engineer

DES:sjc

BARBARA FASKEN
FASKEN OIL AND RANCH INTERESTS
303 WEST WALL AVENUE, SUITE 1900
MIDLAND, TEXAS 79701-5116
(915) 687-1777

September 28, 1989

Department of Energy and Minerals
Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501

Attn: Gas Proration Section

Re: Special Allowable
Burton Flat - Morrow Gas Pool
Eddy County, New Mexico

Gentlemen:

On behalf of Barbara Fasken, we support higher allowables for the prorated wells in the subject field. As operator of the Marajo No. 1 and No. 2, the El Paso Federal No. 5 and the Gulf Federal No. 1, we have struggled under proration curtailment for many years. The special allowable for October will be used. The productive capacity of both the El Paso Federal No. 5 and the Gulf Federal No. 1 is much greater than that issued for October. Our gas marketing options are restricted by proration of these wells.

Fasken is capable of selling more gas in the winter months than we actually sell because the low summer month allowables prevent us from getting the wells back in balance even by producing for only one or two days a month.

Fasken's position today is the same as it was in September, 1985 when we petitioned the Commission to terminate gas proration in the Burton Flat - Morrow Gas Pool in Case No. 8463. Any regulatory relief will be appreciated and utilized.

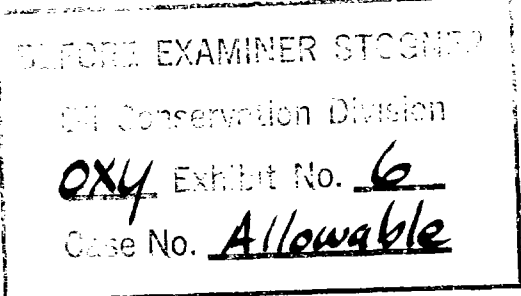
Yours very truly,

James F. Groce

James F. Groce
Manager-Engineering/Operations

JFG:dvg
dept.e&m

cc: NJD
RHA
JWD
CEM
Read





OXY USA INC.
Box 3908, Tulsa, OK 74102

Certified Mail

September 15, 1989

TO: ALL OPERATORS OF NON-MARGINAL WELLS (See Attached List)
BURTON FLAT MORROW (PRORATED GAS) POOL
EDDY COUNTY, NEW MEXICO

OXY USA Inc., operator of 31% of the wells in the Burton Flat Morrow (Prorated Gas) pool, has requested that the Oil Conservation Division make an administrative adjustment to the pool allowable in October 1989. Such adjustment will be added to the normal pool allowable for October 1989 in an amount sufficient to raise the non-marginal allowable to approximately 23250 MCF.

If your company has any objection to this administrative adjustment, please notify Mr. Victor Lyon with the New Mexico OCD in Santa Fe, New Mexico at (505) 827-5800 on or before September 25, 1989.

Should you have any questions regarding this issue, please call Mr. Richard E. Foppiano at (918) 561-1745 or Mr. Bob Hunt at (915) 685-5744.

Sincerely,

Richard E. Foppiano
Richard E. Foppiano
Engineering Advisor

REF/plb

cc: Mr. Victor T. Lyon

BEFORE EXAMINER STOGNER
Oil Conservation Division
<u>OXY</u> Exhibit No. <u>7</u>
Case No. <u>Allowable</u>

NON-MARGINAL WELL OPERATORS
BURTON FLAT (MORROW) FIELD

BHP Petroleum
Attn: Hal Crabb
6 Desta Drive - Suite 3200
Midland, Texas 79705-5510

EXXON Corporation
Attn: Bill Duncan
P. O. Box 1600
Midland, Texas 79702

B. Fasken
Attn: James Gross
303 W. Wall Avenue - Suite 1900
Midland, Texas 79701-5112

Petrus Oil
Attn: Don Spence
Suite 1600
12377 Merit Drive
Dallas, Texas 75251

Presidio Exploration
Attn: Tom Sprinkle
Suite 400
3131 Turtle Creek Blvd.
Dallas, Texas 75219

Yates Petroleum
Attn: Dave Bonneau
105 S. 4th
Artesia, New Mexico 88210

TXO Production
Attn: Clark Vickers
415 W. Wall - Suite 900
Midland, Texas 79701-4468



OXY USA INC.
Box 3908, Tulsa, OK 74102

Certified Mail

RECEIVED

SEP 18 1989

September 15, 1989

OIL CONSERVATION DIV.
SANTA FE

TO: ALL OPERATORS OF NON-MARGINAL WELLS (See Attached List)
BURTON FLAT MORROW (PRORATED GAS) POOL
EDDY COUNTY, NEW MEXICO

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Sincerely,

Richard E. Foppiano
Richard E. Foppiano
Engineering Advisor

REF/plb

cc: Mr. Victor M. Lyon ✓

NON-MARGINAL WELL OPERATORS
BURTON FLAT (MORROW) FIELD

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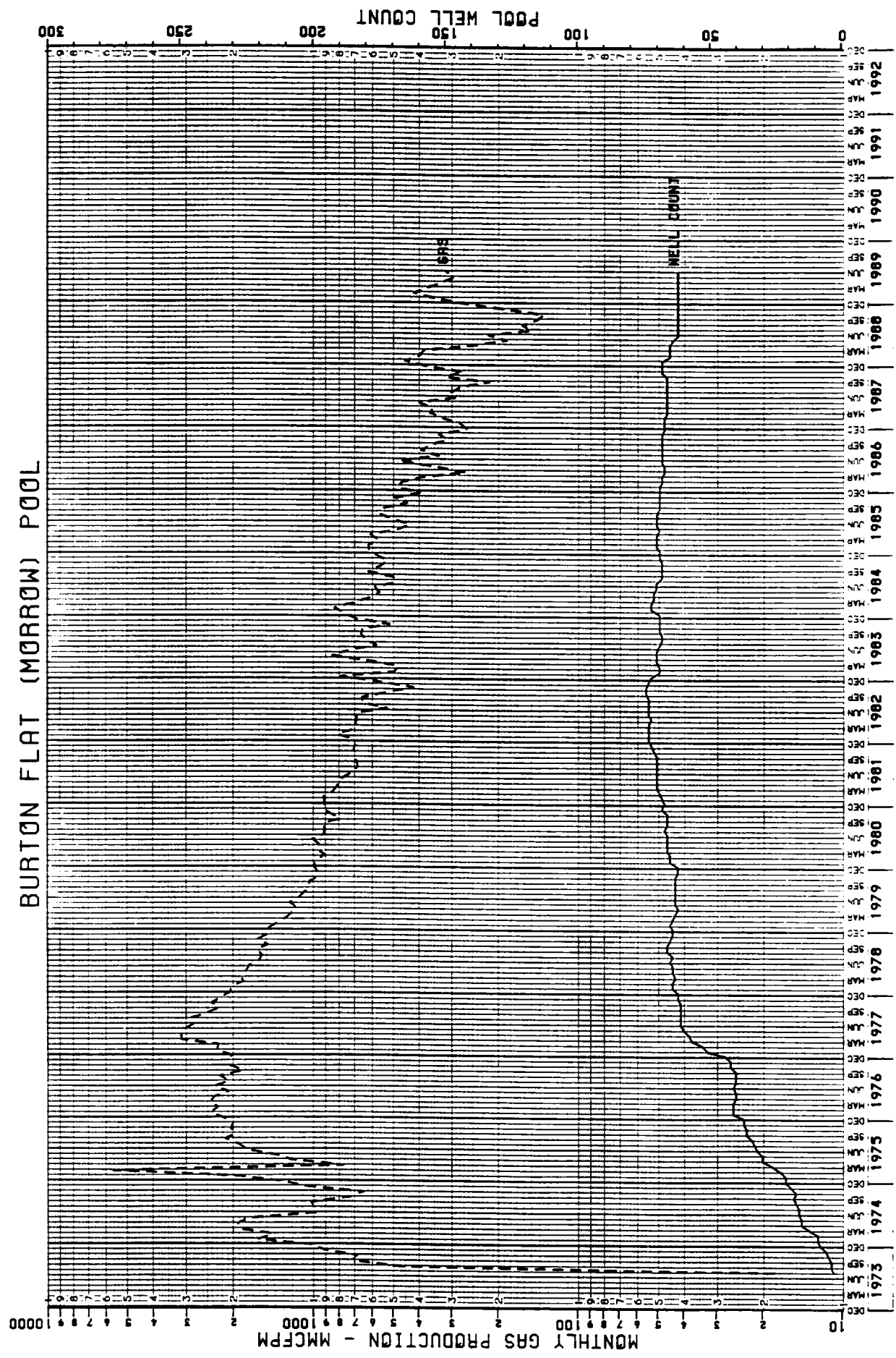
Yates Petroleum
Attn: Dave Bonneau
105 S. 4th
Artesia, New Mexico 88210

TXO Production
Attn: Clark Vickers
415 W. Wall - Suite 900
Midland, Texas 79701-4468

FIELD PRODUCTION CURVE

BURTON FLAT MORROW

The following curve shows how field production has steadily declined since the late 1970's. Also shown is a curve showing field well count. Well count has slowly decreased since the early 1980's.



MARKET DEMAND ANALYSIS
BURTON FLATS (MORROW) PRORATED GAS FIELD
EDDY COUNTY, NEW MEXICO

The primary objective of gas prorationing is to determine the market demand for gas from a individual pool and then allocate it, in an equitable fashion, to each producing well in the field. By necessity, this requires a realistic determination of the market demand. Field production from two months ago has traditionally been used to estimate current market demand in the Burton Flats (Morrow) Field. This analysis will attempt to show that field production has not been a good indicator of actual demand in 1989. The evidence points out that actual market demand has been far greater than what has been produced, because production levels have been depressed by OCD-mandated curtailment, make-up of cumulative overproduction before going into the winter months, decisions by operators not to install compression because of low allowables, etc. In only one case has there been any curtailment by a purchaser due to lack of market demand (Inexco-Bonneville), and this represents only a small portion of the drop in production from the winter on 1989 to the summer of 1989.

Proration Analysis

According to the September 1989 proration schedule, the Burton Flats Morrow (Prorated Gas) Field consists of 62 wells, 41 of which have marginal allowables and 21 are assigned non-marginal allowables. These wells are operated by 19 different producers and 11 different pipelines are moving gas from this field. Based on the highest daily rate of production from each well in the last twelve months, the field has a maximum deliverability of 518,246 MCF/Month. Table 1 reveals that almost 73% of this deliverability is represented by the non-marginal wells.

OXY USA is the largest operator in the field, as shown in Table 2. We have 31% of the wells which comprise over 37% of the deliverability of the field.

A plot of monthly field allowable and production since November 1987, shown at the upper half of Curve #1, suggests cyclical production. That is, more gas is produced in the winter months than the summer months. The allowable tracks the production as one would expect it to do, except for October 1988, when the allowable increased dramatically. Further research revealed that an administrative adjustment was made that month, due to the overproduced status of the field (see the lower half of Curve #1). Looking at Curve #1, several questions immediately

come to mind. Why is the production low in summer and high in winter? Is it pipeline curtailment or is it producer curtailment? Could it be make-up of overproduction that accumulated in the winter? For some answers we need to take a detailed look at the situation before January 1989 and after January 1989.

Pre-January 1989 Analysis

An investigation of the drop in field production from January 1988 to August 1988 shows that over half of the decline was on El Paso's pipeline. Based on our own experience, El Paso was not buying much gas for their system supply during summer months, so most (probably all) of the gas dedicated to El Paso appeared to be shut-in during the summer of 1988. When the field production increased during the winter, wells connected to El Paso contributed the most to the increase. An analysis of wells connected to Gas Company of New Mexico demonstrates the same pattern. The conclusion is that the lower production levels during the summer months of 1988 as compared to the winters of 1987-1988 and 1988-1989 are caused primarily by decreased market demand (i.e. purchaser curtailment).

Post-January 1989 Analysis

The field experienced a drop in production of 39% from January 1989 to July 1989. Table 3 shows a breakdown, by operator of this decline in production. Columns 1, 2 and 3 show the operator and the production from his wells in January and July 1989. The "difference" column displays the change, both in volume and percent. The last column identifies how much of the production drop during this period was caused by the well(s) being more than six times overproduced. What becomes immediately apparent is that almost two-thirds (64%) of the decline in production in 1989 is due to OCD-mandated curtailment and a well being removed from the proration schedule. For clues as to what caused the remaining 36% of the production decline, the three other operators that contributed to it were contacted. Barbara Fasken replied that their decline in production is not due to purchaser curtailment; they cut their production back in the summer months in order to make up overproduction that was accrued in the winter months. Also, they have lease compression on several of their wells and they can cut operating expenses by shutting down the compressors for extended periods of time instead of using them only part of the month. Fasken also indicated that they would definitely sell more gas if the allowable was higher. BHP Petroleum says their problem is higher line pressure during the summer, at times high enough to completely knock their wells off line. They complain that low allowables make justifying compressor installation practically impossible. Besides, Phillips is laying a low pressure line to get their gas and they expect to increase their production dramatically very soon. Inexco was a different story. They had only one well, it was dedicated to El Paso and capable of almost 1000 MCFGPD. The decline in production on their well was due solely

to curtailment by El Paso. But they sold their well on 7-28-89 to Bonneville Fuels, who got the gas released from El Paso and will commence sales at maximum levels to their sister company in California that operates a cogeneration facility. Bonneville is very much in support of increasing the allowable because of this new market.

The conclusion is that, except for Inexco's (Bonneville's) one well, the field production has dropped 39% in 1989 because of low allowables. If one considers that the drop in production between the peak of January 1989 and the valley of July 1989 represents excess deliverability that is not being produced, the facts show that there currently is a market for all of this excess deliverability. Yet the allowable reflects production levels that have been depressed by previous low allowables, not reduced market demand.

If one assumes that the January 1989 field production rate of 12,386 MCF/Day represents the market demand of gas for that month, then the market demand from January 1989 to September 1989 has been about 11,520 MCF/Day, accounting for the lack of market for the Inexco (Bonneville) well. The allowable assigned during this same period of time was 9,383 MCF/Day, a difference of 2,136 MCF/Day or 583,376 MCF.

TABLE 1
DELIVERABILITY OF MARGINAL & NON-MARGINAL WELLS BY OPERATOR
SEPTEMBER 1989 PRORATION SCHEDULE

OPERATOR	*** MO. DELIVERABILITY *** MARGINAL	NON-MARGINAL
1. OXY USA Inc.	48923	145465
2. Yates Petroleum Corp.	1750	58751
3. Barbara Fasken		44339
4. BHP Petroleum, Inc.	8137	37915
5. Petrus Oil Co., L.P.	23875	32542
6. Inexco Oil Co.		26837
7. TXO Production Corp.	95	15687
8. Exxon Corp.		15232
9. Presidio Exploration Inc.		3129
10. Chevron USA	19432	
11. Hamon Operating Co.	17084	
12. R.C.Bennett	7609	
13. Bravo Operating Co.	6137	
14. Harvard Petroleum Corp.	2670	
15. Petroleum Reserve Corp.	2281	
16. Mesa Operating Lmt'd Part.	289	
17. J. M. Huber Corp.	67	
18. Coquina Oil Corp.	0	
19. Texas Int'l Petroleum	0	
TOTALS, MCF/Month	138349	379897

Note: Deliverability is based on the highest monthly production from each well during the last twelve months.

TABLE 2
NUMBER OF MARGINAL & NON-MARGINAL WELLS BY OPERATOR
SEPTEMBER 1989 PRORATION SCHEDULE

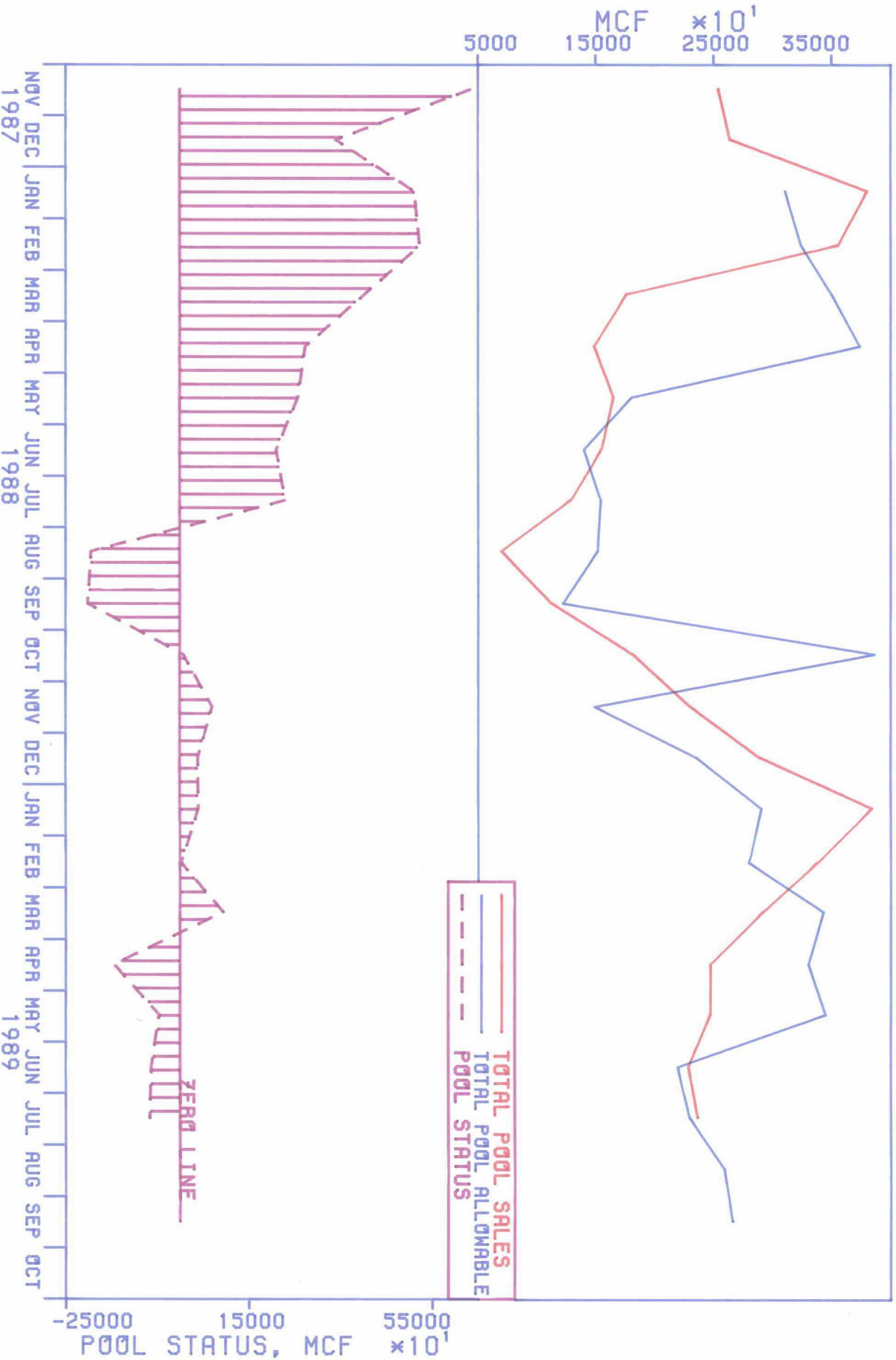
OPERATOR	MARGINAL	NON-MARGINAL
1. OXY USA Inc.	11	8
2. Yates Petroleum Corp.	3	2
3. Barbara Fasken		4
4. BHP Petroleum, Inc.	4	2
5. Exxon Corp.	2	2
6. Chevron USA	6	
7. Petrus Oil Co., L.P.	2	1
8. TXO Production Corp.	1	1
9. Presidio Exploration Inc.		1
10. Hamon Operating Co.	2	
11. Inexco Oil Co.	1	
12. R.C.Bennett	1	
13. Bravo Operating Co.	2	
14. Harvard Petroleum Corp.	1	
15. Petroleum Reserve Corp.	1	
16. J. M. Huber Corp.	1	
17. Mesa Operating Lmt'd Part.	1	
18. Coquina Oil Corp.	1	
19. Texas Int'l Petroleum	1	
TOTALS	41	21

NON-MARGINAL WELLS

SEPTEMBER 1989 PRORATION SCHEDULE

<u>Operator/Well</u>	<u>----- 8-1-89 Status -----</u>	
	<u>Under Produced</u>	<u>Over Produced</u>
OXY USA INC.		
Cawley A Com #1	13068	
Elizando A Federal #3		46640-
Elizando A Federal #4		22172-
Government AD Com #3		51753-
Government AG #1		33878-
Government AD Com #1		22266-
State CV Com #1	10384	
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YATES PETROLEUM CORP.		
Stonewall EP State #2		29642-
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El Paso Federal Com #5		4866-
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Maralo Federal #1	2237	
Maralo Federal #2		27451-
BHP PETROLEUM, INC.		
Burton Flat Deep Unit #6	22789	
Cerf Federal Com #2		33041-
EXXON CORP.		
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Yates Federal C		3643-
PETRUS OIL CO., L.P.		
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TXO PRODUCTION CORP.		
McCord A #1	2298	
PRESIDIO EXPLORATION INC.		
Lee Federal #1	18054	
TOTALS	93422	328015-
FIELD STATUS AS OF 8-1-89 =		234,593-

BURTON FLATS MORROW (PRORATED GAS) FIELD



CURVE 1

TABLE 3
JANUARY 1989 TO JULY 1989 PRODUCTION DECLINE ANALYSIS

Company	Production		Difference (% of total)		Curtailed during 1/89 to 7/89 because of overprod violation
	JAN '89	JUL '89			
OXY USA	134443	143296	+8853	(+6.0%)	1289
Yates Pet.	43234	10189	-33045	(-22.3%)	34875
Petrus	39589	4087	-35502	(-24.0%)	32542
Fasken	43300	21681	-21619	(-14.6%)	0
BHP Pet.	32835	2399	-30436	(-20.5%)	0
Inexco	26837	10844	-15993	(-10.8%)	0
Exxon	6653	7165	+512	*	0
TXO	0	0	0	*	0
Presidio	0	0	0	*	0
Chevron	11128	15394	+4266	*	0
Hamon Oper.	7863	6397	-1466	*	0
R.C.Bennett	7609	6808	-801	*	0
Bravo Oper.	0	3931	+3931	*(+3.4%)	0
Harvard Pet.	2670	1748	-922	*	0
Pet. Reserve	2030	1500	-530	*	0
J.M.Huber	0	0	0	*	0
Mesa Oper.	222	289	+67	*	0
Coquina	0	0	0	*	0
Texas Int'l	0	0	0	*	0
H.L.Brown	25555	¢¢	-25555	(-17.2%)	¢¢
TOTAL	383968	235728	-148240	(-100.0%)	

¢¢ Well not in field anymore

CALCULATIONS

1) January 1989 Field Gas Production	=	383,968 MCF
2) Divided by 31 days in January	=	12,386 MCF/Day
3) January 1989 Production for Inexco well	=	26,837 MCF
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5) January 1989 Field Gas Production, less production of Inexco well (2-4)	=	11,520 MCF/Day
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OXY MARKET DEMAND
BURTON FLAT MORROW

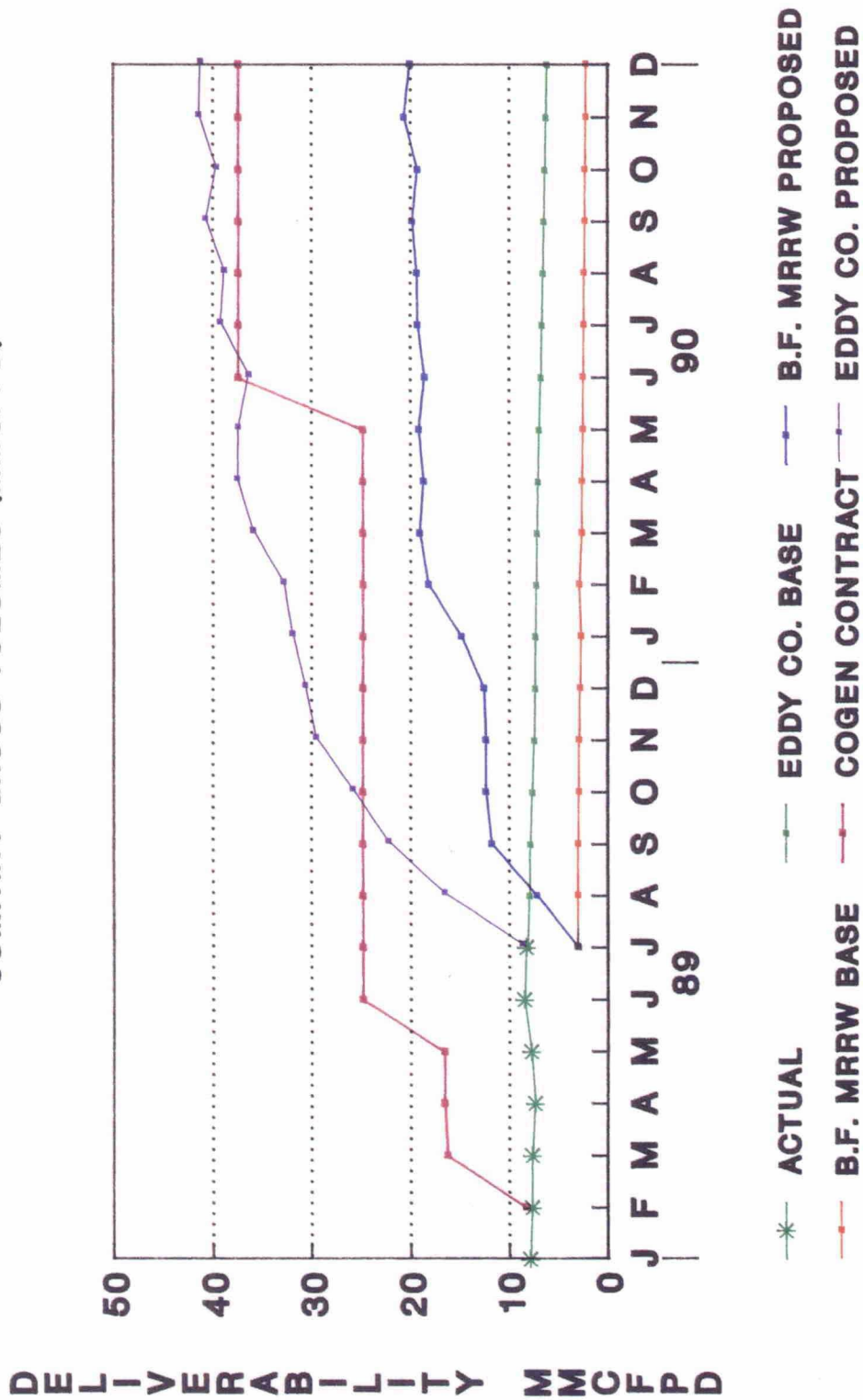
The following graphic shows the California market demand that OXY hopes to supply from Eddy County, New Mexico production. OXY hopes to eventually supply up to 37.5 MMCFD to this particular Cogen market through El Paso's system. As is noted, a substantial amount of this volume will have to come from workovers and drilling.

OXY currently has a shortfall in our ability to supply this gas from Eddy County and we are purchasing gas in California to make up the difference. We can not be certain that any of this volume originates in New Mexico.

OXY USA INC.

COGEN GAS DELIVERABILITY SCHEDULE

COMPANY GROSS VOLUMES (MMCFPD)



09/06/89

OPERATORS SURVEY
BURTON FLAT MORROW

Attached is a summary of results obtained from a telephone poll of operators in the Burton Flat (Morrow) Field, Eddy County, New Mexico. The intent of the poll was to determine the gas supply and demand situation in the field, and to determine if there was any objection to an increase in field allowables. Included in the survey but not summarized in the attached table were questions pertaining to the operator's plan to drill and/or rework wells in the field, who the operator markets his gas to, and the status of purchaser curtailments.

OPERATOR SURVEY
BURTON FLAT MORROW

OPERATOR	MARGINAL WELLS	NON-MARGINAL WELLS	ADDITIONAL DELIVERABILITY ?	ABLE TO SELL ADDT'L GAS ?	OPPOSED TO ADDITIONAL ALLOW ?
OXY USA	10	9	YES	YES	NO
BENNETT	1	0	NO	YES	NO
BHP	4	2	NO	YES	NO
BONNEVILLE	0	1	NO	---	NO
BRAVO	2	0	NO	---	--
CHEVRON	5	1	YES	YES	NO
COQUINA	1	0	NO	---	NO
EXXON	2	2	YES	YES	NO
FASKEN	0	4	YES	YES	NO
HAMON	2	0	NO	---	NO
HARVARD	1	0	NO	---	NO
HUBER	1	0	ATOKA RECOMPLETION		NO
MESA	1	0	SOLD TO EXXON		
PETR. RESERVE	1	0	YES	YES	NO
PETRUS	1	2	YES	YES	NO
PRESIDIO	0	1	YES	YES	NO
TEXAS INT'L	1	0	NO RESPONSE		
YATES	3	2	YES	YES	NO
TXO	1	1	YES	YES	NO
	<u>37</u>	<u>25</u>			

TYPICAL WELL ECONOMICS

BURTON FLAT MORROW

11,800'

The following table details the economics associated with drilling and completing a Burton Flat Morrow well to an estimated depth of 11,800'. Case I shows the economics of drilling under a proration system that allows an average allowable of 220 MCFD while Case II shows economics for the same well without proration.

It should be noted that even on a non-risked basis, the economics of Case I are marginal and it is unlikely that such a well will be drilled. Proration to such low levels of production naturally discourage development activity. Case II shows excellent economics for the case of improved allowable. It is anticipated that development activity would increase with such favorable expectations.

TYPICAL WELL ECONOMICS
BURTON FLAT (MORROW)
11,800'

	<u>CASE I PRORATED (1)</u>	<u>CASE II NO PRORATION (2)</u>
DRILLING COST	\$685,000	\$685,000
PRESENT WORTH @ 20%	\$ 38,800	\$683,300
RETURN ON INVESTMENT	22%	193.0%
PAYOUT PERCENT (BFIT)	322	379
PAYOUT PERCENT (AFIT)	282	328
PAYBACK PERIOD (YEARS)	5.6	1.5

(1) AVERAGE 220 MCFD ALLOWABLE - BURTON FLAT (MORROW)

(2) INITIAL RATE 1350 MCFD

ECONOMIC LIMITS

SOUTHEAST NEW MEXICO MORROW

ASSUMPTIONS

FORMATION	11,800' MORROW
GAS PRICE	\$1.45/MCF
ROYALTY	0.125
NORMAL OPERATING COSTS (AVG)	\$900/MONTH
TAXES	10.83%
COMPRESSION	
RENTAL	\$0.10/MCF
FUEL	25 MCFD
WORKOVERS	\$30,000 (\$2,500/MONTH FOR 1 YEAR PAYOUT)

CALCULATIONS

I. AVERAGE CASE

$$\text{ECONOMIC LIMIT (MCF/D)} = \frac{900}{30.4 \times 1.45 \times .875 \times .892} = 26 \text{ MCF/D}$$

II. COMPRESSION CASE

$$\text{ECONOMIC LIMIT (MCFD)} = \frac{900}{30.4 [(1.45)(.875)(.892) - .10]} + 25 = 54 \text{ MCF/D}$$

III. WORKOVER AND COMPRESSION

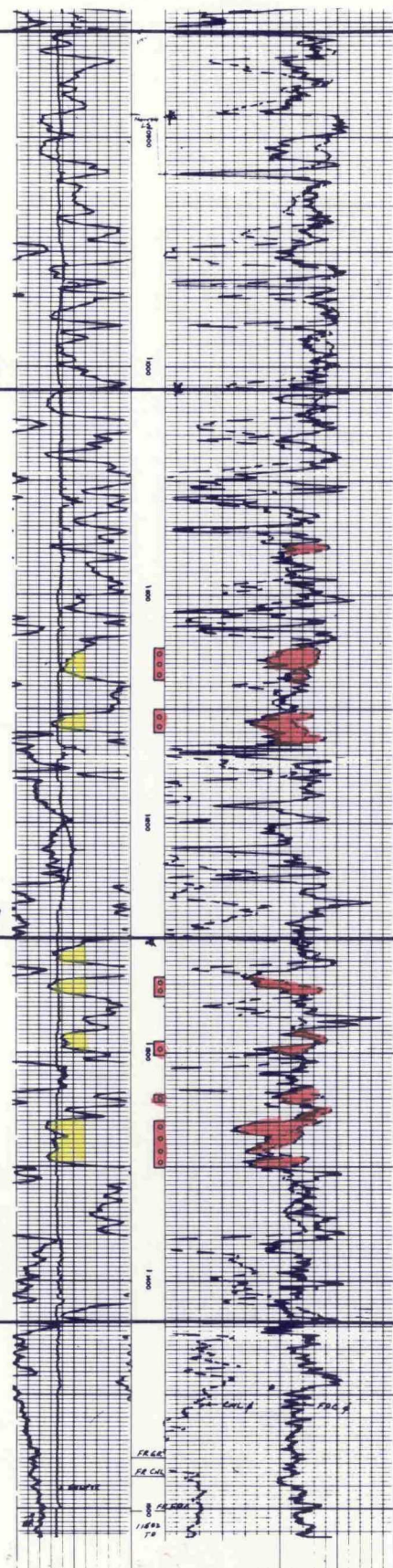
$$\text{ECONOMICAL @ 1 YR PAYOUT} = \frac{900 + 2500}{30.4 [(1.45)(.875)(.892) - .10]} + 25 = 133 \text{ MCF/D}$$

MORROW

MORROW "B"

MORROW "A"

BARNETT



BURTON FLAT
(MORROW) FIELD

TYPE LOG

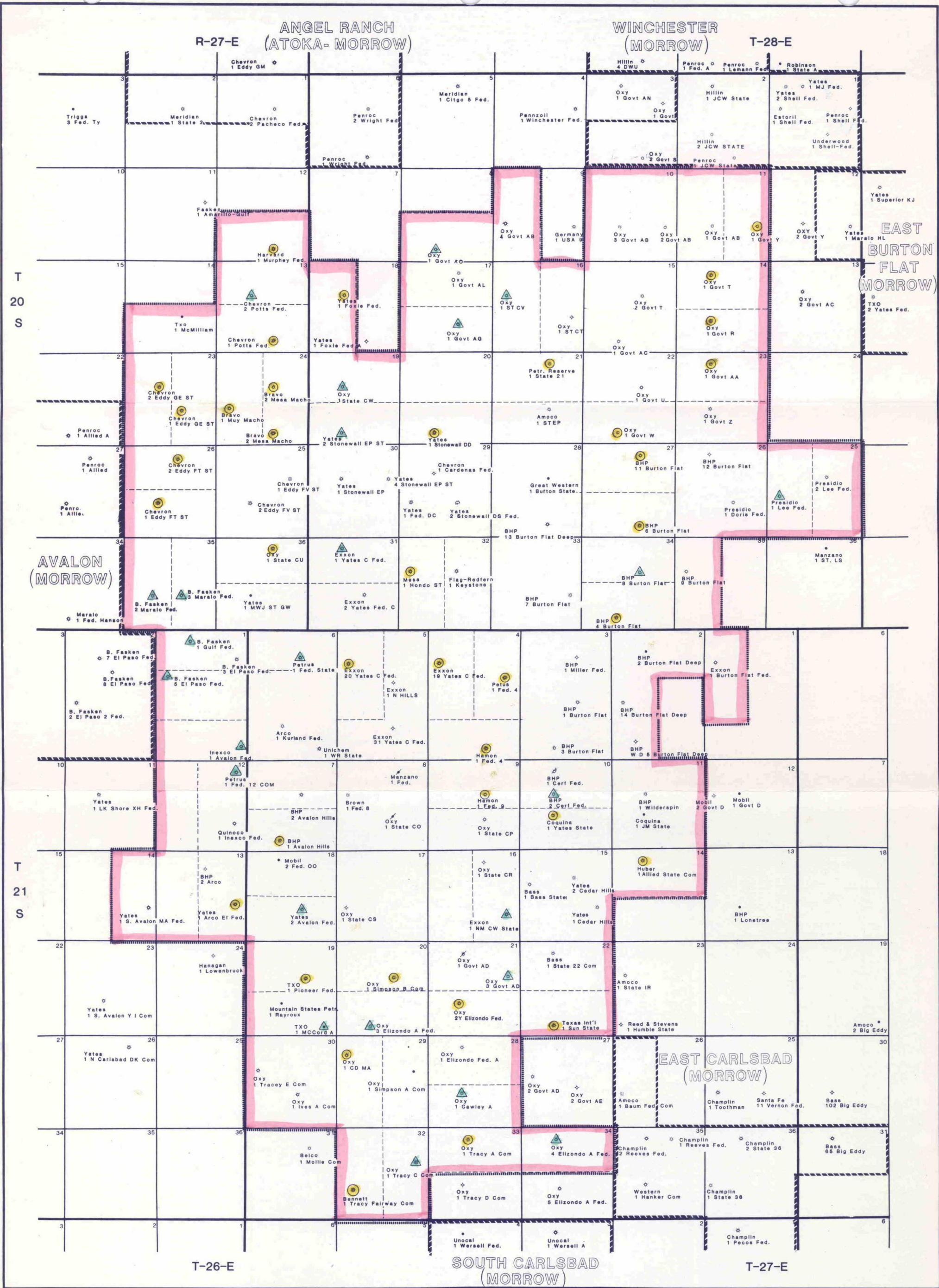
AUG, 1989

CAOF 11.0 MMCFG
CUM. PROD. 3.3 BCFG

FIELD LIMITS AND ACTIVE WELLS

BURTON FLAT MORROW GAS POOL

The Burton Flat Morrow Gas Pool is located in Eddy County, New Mexico and covers portions of T20S-R27E, T20S-R28E, T21S-R26E and T21S-R27E. The field consists of 63 active producing wells, including 38 marginal and 25 non-marginal wells producing an average of 350 MMCF per month. The map on the following page depicts the active wells and the assigned 320-acre proration units. Also indicated are adjacent Morrow gas pools. Of the pools shown, only the Burton Flat and South Carlsbad pools are prorated.



BURTON FLAT (MORROW) FIELD

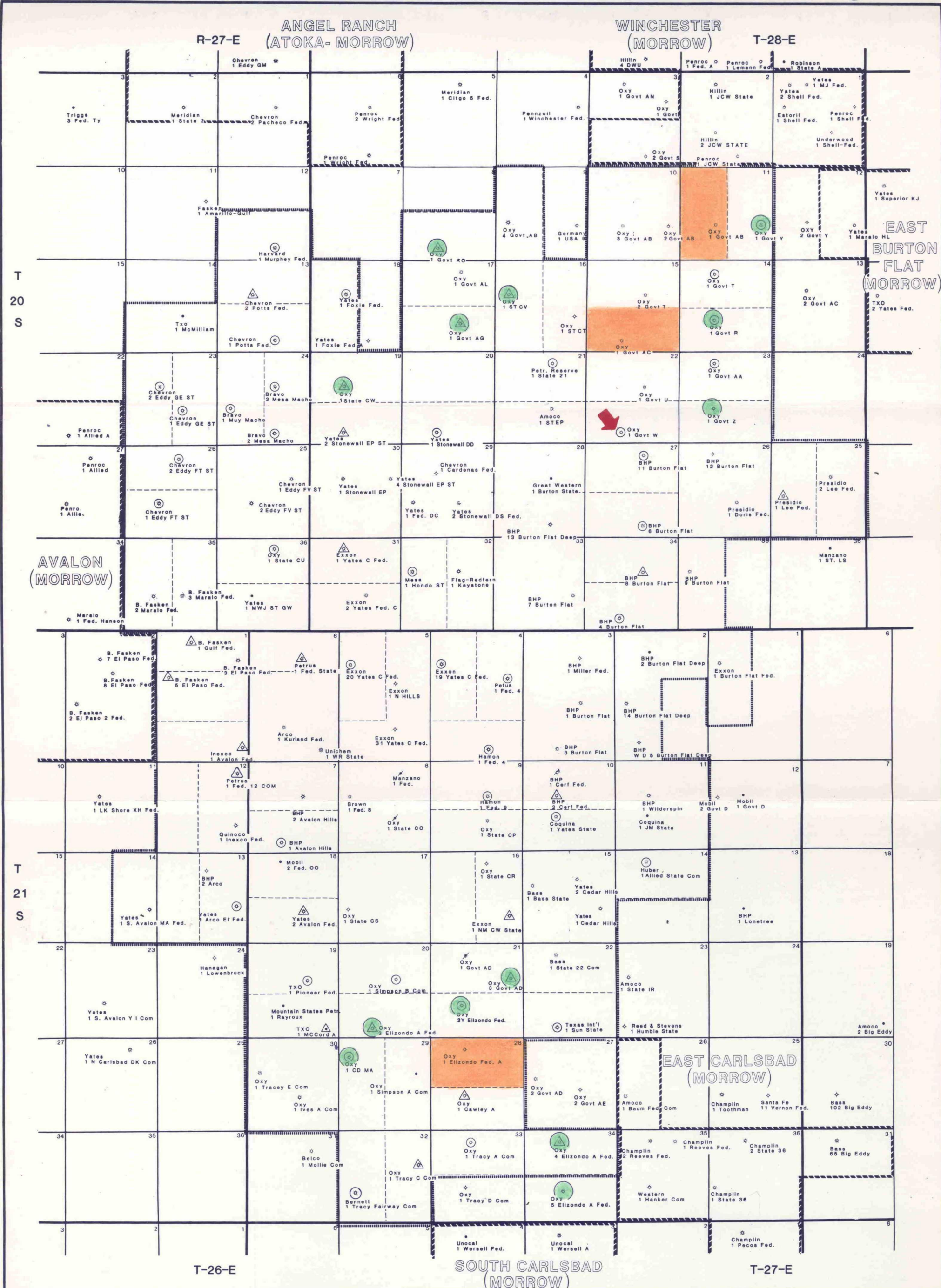
EDDY CO., NEW MEXICO

AUG. 1989

PLANNED WORKOVERS AND DRILLING

BURTON FLAT MORROW GAS POOL

During the remainder of 1989 and 1990, OXY USA plans to attempt workovers of 13 wells in the Burton Flat Morrow Gas Pool. These workovers are necessitated by increased demand for gas to supply cogeneration facilities in California, a growing market. In addition, based upon detailed evaluations of reservoir development and production, 3 wells are planned by OXY USA for 1990 drilling. The map on the following page indicates the proration units in which workovers or drilling are planned.



OXY USA INC.

BURTON FLAT (MORROW) FIELD

EDDY CO., NEW MEXICO

AUG., 1989

OXY GOVERNMENT "W" No. 1
SW/4 SECTION 22, 20S-28E
BURTON FLAT MORROW

The Government "W" No. 1 is denoted by the arrow on the workover/drilling potential map. This well recently underwent a workover to test new Morrow pay and was tested at a rate of 4.5 MMCFD from perforations 11,223 - 11,239'. Production capability prior to the workover was 220 MCFD from Morrow perforations 11,144 - 11,158'.

As the prior production of this well was approximately equal to the average field allowable, this work would not have been attempted except for unique circumstances. The necessity to fix a tubing leak required a certain amount of rig work. It was decided to attempt the workover only because we were to have a rig on location anyway.

Similar opportunities exist in the field, but allowables will need to be improved before the needed work will be economical.

BURTON FLAT MORROW GAS POOL

Volumetric determination of original gas in place was made. The study involved detailed correlations and mapping of individual sands within the overall Morrow section. Estimated recoverable gas was assumed to be 85% of original gas in place. Overall recovery to date from the two areas studied within the pool has been 111 BCFG, representing 37.5% of the estimated recoverable gas.

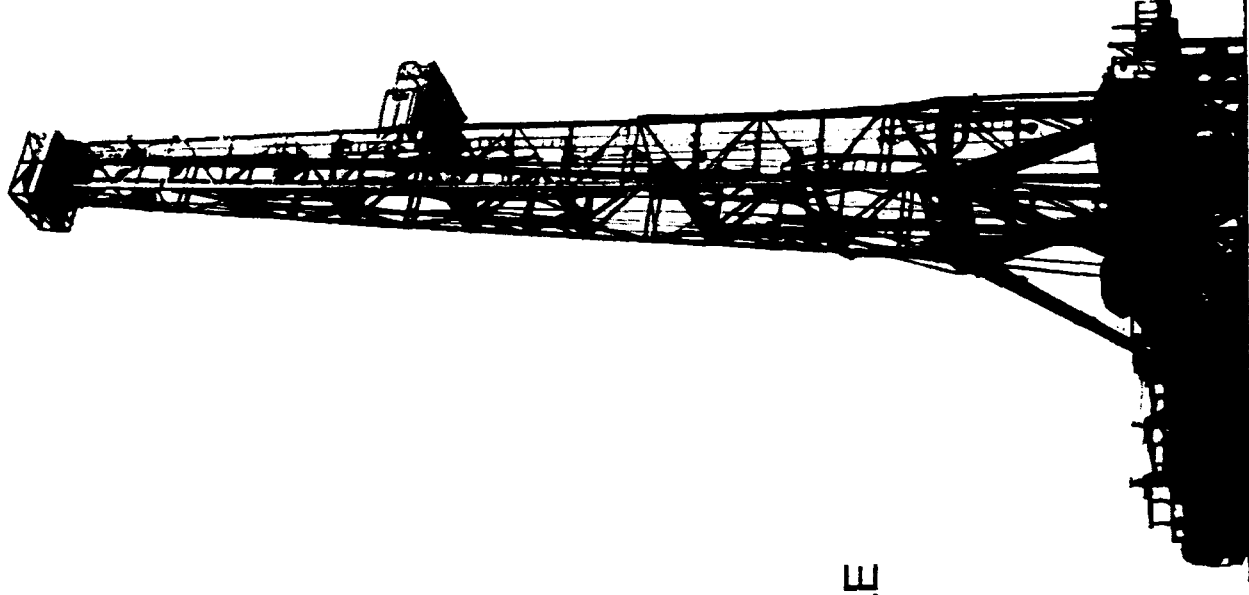
FEBRUARY, 1990

ORDER NO. AG-54-11

**STATE
OF
NEW MEXICO**

**ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION**

SOUTHEAST GAS PRORATION SCHEDULE



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

Order No. AG-54-11

GAS PROPORTION ORDER FOR THE MONTH
OF FEBRUARY, 1990

This cause came on for public hearing before the Division's Examiner, David R. Catanach, at Santa Fe, New Mexico, at 8:15 a.m. on January 10, 1990, pursuant to legal notice for the purpose of setting the allowable production of gas from the following fourteen allocated gas pools in Lea, Eddy, and Chaves Counties, New Mexico, for the month of February, 1990:

Atoka-Pennsylvanian, Buffalo Valley-Pennsylvanian, Burton Flats-Morrow, Burton Flats-Strawn, South Carlisbad-Morrow, South, Catclaw Draw-Morrow, Eumont, Indian Basin-Morrow, Indian Basin-Upper Pennsylvanian, Jalmat, Justis, Monument McKee-Ellebunburger, and Tubb.

NOW, on this 11th day of January, 1990, the Division Director, having considered the nominations of purchasers, the capacity of producing wells, and the recommendations of the Examiner, and being otherwise fully advised in the premises,

FINDS THAT:

(1) The total nominations of purchasers of gas produced from the fourteen allocated gas pools in Lea, Eddy and Chaves Counties, New Mexico for the month of February, 1990 is 5,346,533 Mcf.

(2) For the month of February, 1990, the allowable production to be assigned the fourteen allocated gas pools should be determined by assigning to marginal wells in each pool the amount of gas produced by such wells during the month of December, 1989, and by assigning to non-marginal wells in each pool the amount of gas produced by such wells during the month of December, 1989 multiplied by the seasonal adjustment factors assigned each pool together with such other adjustment as the Director may deem advisable.

(3) The individual pool nominations for each of the fourteen allocated gas pools are shown below in Column "A" and the seasonal adjustment factors for each pool are shown below in Column "B":

	A	B
Atoka-Pennsylvanian	75,920	1.011
Blinebry	250,332	0.993
Buffalo Valley-Pennsylvanian	211,284	0.970
Burton Flats-Morrow	65,906	0.962
Burton Flats-Strawn	13,745	0.912
South Carlisbad-Morrow	98,534	0.938
Catclaw Draw-Morrow	475,000	0.643
Eumont	193,280	0.978
Indian Basin-Morrow	141,500	1.057
Indian Basin-Upper Pennsylvanian	3,640,500	0.812
Jalmat	73,024	0.961
Justis	5,852	0.808
Monument McKee-Ellebunburger	18,000	1.340
Tubb	83,456	0.984

(4) The conditions in the gas market place are such that the nominations do not reflect the true market demand and the potential producing capacity of all gas wells in the fourteen gas pools listed above is in excess of the nominations of purchasers of gas, and in order to prevent waste and protect correlative rights, the production of gas from the listed fourteen gas pools should be limited, allocated and distributed during the month of February, 1990.

IT IS THEREFORE ORDERED THAT:

(1) For the month of February, 1990, the allowable production to be assigned the fourteen allocated gas pools in Lea, Eddy, and Chaves Counties, New Mexico will be determined by assigning to marginal wells in each pool the amount of gas produced by such wells during the month of December, 1989, and by assigning to non-marginal wells in each pool the amount of gas produced by such wells during the month of December, 1989, multiplied by the seasonal adjustment factors listed below together with such other adjustment as the Director deems advisable:

Atoka-Pennsylvanian	1.011
Blinebry	0.993
Buffalo Valley-Pennsylvanian	0.970
Burton Flats-Morrow	0.962
Burton Flats-Strawn	0.912
South Carlisbad-Morrow	0.938
Catclaw Draw-Morrow	0.643
Eumont	0.978
Indian Basin-Morrow	1.057

Indian Basin-Upper Pennsylvanian	0.812
Jalmat	0.961
Justis	0.808
Monument McKee-Ellenburger	1.340
Tubb	0.984

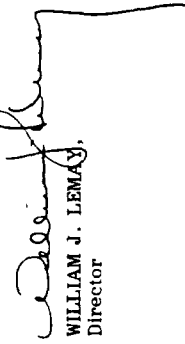
(2) The allocation hereby set for the month of February, 1990, in the fourteen allocated pools in Lea, Eddy, and Chaves Counties, New Mexico, shall be in accordance with the Division Rules, Regulations, and Orders.

(3) A proration schedule, duly prepared by the Division and thereafter adopted for the month of February, 1990, is hereto attached and made a part hereof; it distributes and allocates the allowable production among the gas wells in the fourteen gas pools listed above for the period stated, in accordance with the Division Rules, Regulations, and Orders.

The foregoing order shall remain effective until further order of the Division.

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION


WILLIAM J. LEMAY,
Director

S E A L
dr/

SOUTHEAST PRORATION SCHEDULE
EXPLANATION OF SYMBOLS

STATUS COLUMN

M MARGINAL - denotes a proration unit which is incapable of producing an allowable based on pool allocation factor. Marginal units receive allowable equal to the amount shown produced on the latest available monthly records. Marginal units do not accrue an over or under production status.

N NON-MARGINAL - denotes a proration unit receiving an allowable based upon pool allocation factors. Non-Marginal - denotes a proration unit accruing over or under production.

NC NEW CONNECTION - denotes a proration unit producing prior to receipt of deliverability test and assignment of allowable.

(MWU) MULTIPLE WELL UNIT - denotes a well on a proration unit which contains more than one well.

AF (ACREAGE FACTOR) COLUMN

The number in this column is the ratio of the subject proration unit to the area of a standard proration unit for the pool.

SALES COLUMN

R RECLASSIFIED - denotes a proration unit which has been reclassified "N" to "M" or "M" to "N", and the new classification is being shown for the first time.

AMT CANCEL (Amount Cancelled) COLUMN

Volume in this column is the amount of the allowable which has been cancelled due to reclassification or failure of the well to produce its allowable.

O/P LIM (Over-produced Limit) COLUMN

This volume is 6 times the average monthly allowable for a GPU. This volume can not be exceeded by current overproduction. If exceeded, the GPU is in violation of R-Order 8170-A, Rule 11(b), and shall be shut-in (see OVERPRODUCED VIOLATION).

O/U COLUMN

- A MINUS SIGN (-) - signifies that the preceding volume is accrued overproduction and no sign signifies that the preceding volume is accrued underproduction.

* OVER-PRODUCED VIOLATION - signifies that the following volume is accrued overproduction in excess of the effective overproduction limit for the proration unit. Units in violation are to be shut-in by the pipeline and/or operator until cumulative over production is less than the applicable limit.

CURTAIL AFTER COLUMN

Volume in this column instructs the pipeline and/or operator to shut-in the subject proration unit for the length of time which would be required to produce this volume.

NOTE: Some wells listed in the schedule may have been shut-in separate from this schedule by other Division action of which the operator and transporter have been notified in writing. In no event shall such a well be produced until released by the Division in writing to the operator and transporter.

POOL BALANCING SCHEDULE FOR FEBRUARY 1990 SOUTHEAST GAS PURCHASER SCHEDULE

ATOKA PENN (PROPRATED GAS) NOMINATIONS	28320		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	28320		
DECEMBER NON-MARGINAL PRODUCTION	1.011		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	29759		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	20000		
FEBRUARY NON-MARGINAL ALLOCATION	48739		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	11208.97		
DECEMBER NON-MARGINAL AVERAGE FACTORS	59039		
DECEMBER NON-MARGINAL ALLOCATION	59039		
TOTAL FEBRUARY MARGINAL ALLOC			
MORRIS (PROPRATED GAS) NOMINATIONS	320323		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	320323		
DECEMBER NON-MARGINAL PRODUCTION	0.993		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	354996		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	18000		
FEBRUARY NON-MARGINAL ALLOCATION	334996		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	19.00		
DECEMBER NON-MARGINAL AVERAGE FACTORS	29722.00		
DECEMBER NON-MARGINAL ALLOCATION	107319		
TOTAL FEBRUARY MARGINAL ALLOC			
BUFFALO VALLEY PENN (PROPRATED GAS) NOMINATIONS	211284		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	211284		
DECEMBER NON-MARGINAL PRODUCTION	4403		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	43071		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	10000		
FEBRUARY NON-MARGINAL ALLOCATION	33071		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	2.00		
DECEMBER NON-MARGINAL AVERAGE FACTORS	26335.50		
DECEMBER NON-MARGINAL ALLOCATION	163298		
TOTAL FEBRUARY MARGINAL ALLOC	216370		
BURTON FLAT MORRIS (PROPRATED GAS) NOMINATIONS	63904		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	63904		
DECEMBER NON-MARGINAL PRODUCTION	30.862		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	292250		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	292250		
FEBRUARY NON-MARGINAL ALLOCATION	292250		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	17.88		
DECEMBER NON-MARGINAL AVERAGE FACTORS	16345.08		
DECEMBER NON-MARGINAL ALLOCATION	329080		
TOTAL FEBRUARY MARGINAL ALLOC	329329		
BURTON FLAT STRAWN (PROPRATED GAS) NOMINATIONS	13745		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	13745		
DECEMBER NON-MARGINAL PRODUCTION	0.912		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	13633		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	0		
FEBRUARY NON-MARGINAL ALLOCATION	13633		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	0.00		
DECEMBER NON-MARGINAL AVERAGE FACTORS	7859		
DECEMBER NON-MARGINAL ALLOCATION	7859		
TOTAL FEBRUARY MARGINAL ALLOC			
BURTON FLAT VOL FLAMPS (PROPRATED GAS) NOMINATIONS	0		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	0		
DECEMBER NON-MARGINAL PRODUCTION	0.00		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	61126		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	61126		
FEBRUARY NON-MARGINAL ALLOCATION	61126		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	0.00		
DECEMBER NON-MARGINAL AVERAGE FACTORS	61126		
DECEMBER NON-MARGINAL ALLOCATION	61126		
TOTAL FEBRUARY MARGINAL ALLOC			
CARLSBAD MORRIS (PROPRATED GAS) NOMINATIONS	28324		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	28324		
DECEMBER NON-MARGINAL PRODUCTION	0.938		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	38497		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	40000		
FEBRUARY NON-MARGINAL ALLOCATION	118497		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	3.97		
DECEMBER NON-MARGINAL AVERAGE FACTORS	29848.11		
DECEMBER NON-MARGINAL ALLOCATION	167581		
TOTAL FEBRUARY MARGINAL ALLOC	286078		
CATLIN DRAM MORRIS (PROPRATED GAS) NOMINATIONS	17500		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	17500		
DECEMBER NON-MARGINAL PRODUCTION	0.643		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	73597		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	18000		
FEBRUARY NON-MARGINAL ALLOCATION	360897		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	3.01		
DECEMBER NON-MARGINAL AVERAGE FACTORS	52015.31		
DECEMBER NON-MARGINAL ALLOCATION	32320		
TOTAL FEBRUARY MARGINAL ALLOC			
ELKIN FUSSELLMAN SOUTH (GAS) NOMINATIONS	0		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	0		
DECEMBER NON-MARGINAL PRODUCTION	0.00		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	0		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	0		
FEBRUARY NON-MARGINAL ALLOCATION	0		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	0.00		
DECEMBER NON-MARGINAL AVERAGE FACTORS	0.00		
DECEMBER NON-MARGINAL ALLOCATION	0		
TOTAL FEBRUARY MARGINAL ALLOC			
EUMONT YATES 7 RVRS (PRO GAS) NOMINATIONS	182289		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	182289		
DECEMBER NON-MARGINAL PRODUCTION	0.918		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	199317		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	199317		
FEBRUARY NON-MARGINAL ALLOCATION	199317		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	105.47		
DECEMBER NON-MARGINAL AVERAGE FACTORS	100000.15		
DECEMBER NON-MARGINAL ALLOCATION	753199		
TOTAL FEBRUARY MARGINAL ALLOC	2652461		

POOL BALANCING SCHEDULE FOR FEBRUARY 1990 SOUTHEAST GAS PRODRATION SCHEDULE

ATOKA PENN (PROPRATED GAS) NOMINATIONS	0		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	0		
DECEMBER NON-MARGINAL PRODUCTION	0.00		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	0.00		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	0.00		
FEBRUARY NON-MARGINAL ALLOCATION	0		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	141500		
DECEMBER NON-MARGINAL AVERAGE FACTORS	59135		
DECEMBER NON-MARGINAL ALLOCATION	59135		
TOTAL FEBRUARY MARGINAL ALLOC			
INDIAN BASIN MORRIS (PROPRATED GAS) NOMINATIONS	141500		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	141500		
DECEMBER NON-MARGINAL PRODUCTION	1.057		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	55310.19		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	1.00		
FEBRUARY NON-MARGINAL ALLOCATION	34900		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	94835		
DECEMBER NON-MARGINAL AVERAGE FACTORS	117063.60		
DECEMBER NON-MARGINAL ALLOCATION	117063.60		
TOTAL FEBRUARY MARGINAL ALLOC			
INDIAN BASIN UPPER PENN (PRO GAS) NOMINATIONS	3649500		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	3649500		
DECEMBER NON-MARGINAL PRODUCTION	0.812		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	117063.60		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	117063.60		
FEBRUARY NON-MARGINAL ALLOCATION	117063.60		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	11.12		
DECEMBER NON-MARGINAL AVERAGE FACTORS	117063.60		
DECEMBER NON-MARGINAL ALLOCATION	117063.60		
TOTAL FEBRUARY MARGINAL ALLOC			
JAMAICA VALLEY 7 RVRS (PRO GAS) NOMINATIONS	73024		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	73024		
DECEMBER NON-MARGINAL PRODUCTION	0.961		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	270108		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	30000		
FEBRUARY NON-MARGINAL ALLOCATION	300108		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	35.50		
DECEMBER NON-MARGINAL AVERAGE FACTORS	8453.75		
DECEMBER NON-MARGINAL ALLOCATION	51929		
TOTAL FEBRUARY MARGINAL ALLOC	81929		
JUSTIS GLORIA (PROPRATED GAS) NOMINATIONS	5832		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	5832		
DECEMBER NON-MARGINAL PRODUCTION	41039		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	0.808		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	13.00		
FEBRUARY NON-MARGINAL ALLOCATION	4089.23		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	0.00		
DECEMBER NON-MARGINAL AVERAGE FACTORS	5647.00		
DECEMBER NON-MARGINAL ALLOCATION	17162		
TOTAL FEBRUARY MARGINAL ALLOC	22809		
MONUMENT MORRIS (PROPRATED GAS) NOMINATIONS	18000		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	18000		
DECEMBER NON-MARGINAL PRODUCTION	4214		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	1.340		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	5647		
FEBRUARY NON-MARGINAL ALLOCATION	5647		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	1.00		
DECEMBER NON-MARGINAL AVERAGE FACTORS	5647.00		
DECEMBER NON-MARGINAL ALLOCATION	17162		
TOTAL FEBRUARY MARGINAL ALLOC	22809		
PARKWAY ATOKA WEST (PROPRATED GAS) NOMINATIONS	0		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	0		
DECEMBER NON-MARGINAL PRODUCTION	0.00		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	0.00		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	0.00		
FEBRUARY NON-MARGINAL ALLOCATION	0.00		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	0.00		
DECEMBER NON-MARGINAL AVERAGE FACTORS	0.00		
DECEMBER NON-MARGINAL ALLOCATION	0		
TOTAL FEBRUARY MARGINAL ALLOC			
TUBB (PROPRATED GAS) NOMINATIONS	83436		
FEBRUARY TOTAL PURCHASERS NOMINATIONS	83436		
DECEMBER NON-MARGINAL PRODUCTION	0.984		
FEBRUARY NON-MARGINAL SEASONAL ADJUSTMENT FACTOR	201618		
FEBRUARY NON-MARGINAL ADMINISTRATIVE ADJUSTMENT	51000		
FEBRUARY NON-MARGINAL ALLOCATION	252418		
DECEMBER NON-MARGINAL PARTICIPATING AVERAGE FACTORS	28.28		
DECEMBER NON-MARGINAL AVERAGE FACTORS	8925.67		
DECEMBER NON-MARGINAL ALLOCATION	106108		
TOTAL FEBRUARY MARGINAL ALLOC	358539		

FEBRUARY 1990 SOUTHEAST GAS PRORATION FACTOR SUMMARY

PAGE 1

FEBRUARY	DECEMBER	DECEMBER	PRCC.	JANUARY	INTERIM	FEBRUARY	NEW	ALLOCATION		
NOMINATED	TOTAL	MARGINAL	NON	MARGINAL	NON	MARGINAL	ACREAGE FACTOR	NO. WELLS	ACREAGE	
	PROD		MARGINAL		MARGINAL		MARG NON-MARG	M NM	NM	
100 PERCENT ACREAGE ALLOCATION										
ATOKA PENN. (PRORATED GAS)										
GAS CO. OF NEW MEXICO	2300						2.00	.00	2	
PHILLIPS 66 NATURAL GAS CO.	4477		4477		15436	11209	.00	1.00	1	
PHILLIPS PETROLEUM COMPANY	3276						.00	.00		
TRANSWESTERN PIPELINE COMPANY	70644	74007	50038	23969	47857	51711	50038	37550	16.54	3.35
POOL TOTAL	75920	78484	50038	28446	47857	67147	50038	48759	18.54	4.35
BLINEBAY (PRD GAS) (CONSOLIDATED)										
EL PASO NATURAL GAS COMPANY	112532	213411	72759	140652	71630	203723	72759	200624	15.75	6.75
EL PASO NATURAL GAS AND TEXACO				977			1.00	.00	1	
EL PASO NATURAL GAS AND WARREN PIPELINE SYS	2240	2240		2056		2240	1.25	.00	2	
EL PASO, WARREN AND SHELL PIPELINES	1587	1587		6683		1587	1.00	.00	1	
NORTHERN NATURAL GAS COMPANY	203114	51203	151911	56179	264085	51203	260069	20.99	8.75	29
NORTHERN NATURAL GAS AND TEXACO	19211		19211		30181		29722	1.00	1.00	1
NORTHERN NATURAL GAS & WARREN PETROLEUM CO	51556	19223	32333	21028	37726	19223	37153	3.25	1.25	4
NORTHERN NATURAL, WARREN AND SHELL PIPELINE	2002	2002		2047		2002	.75	.00	1	
TEXACO INCORPORATED							.00	.00		
TEXACO PRODUCING, INC.	138000	16905	16905	17812		16352	4.00	.00	4	
WARREN PETROLEUM CORPORATION	20543	7152	13391	7363	7545	7152	7431	1.00	.25	1
POOL TOTAL	250532	530569	173071	357458	185775	543260	172518	534999	49.95	18.00
BUFFALO VALLEY PENN. (PRORATED GAS)										
EL PASO NATURAL GAS COMPANY	35672	19717	19717	16515		19717	5.00	.00	5	
PHILLIPS 66 NATURAL GAS CO.	132426	132426		128403		132426	19.12	.00	19	
PHILLIPS PETROLEUM COMPANY	146972						.00	.00		
TRANSWESTERN PIPELINE COMPANY	28640	55558	11155	44403	16795	95374	11155	53072	4.50	2.00
POOL TOTAL	211284	207701	163298	44403	161717	95374	163298	53072	28.62	2.00
BURTON FLAT MORROW (PRORATED GAS)										
BMP PETROLEUM CO., INC.							.98	.00	1	
CABOT PIPELINE							.00	.00		
EL PASO AND GAS CO. OF NEW MEXICO	36318		36318		20377		16345	.00	1.00	1
EL PASO NATURAL GAS COMPANY	22064	272808	65659	207149	81018	221702	65659	177834	17.00	10.88
EL PASO NATURAL GAS AND LLANO	5350	5350		450		5350	2.00	.00	2	
GAS CO. OF NEW MEXICO	500	4201		8037	20377	4201	16345	3.86	1.00	4
LLANO INCORPORATED	48	48		170		48	2.80	.00	3	
MAPEL GAS CORP					20377		16345	1.00	1.00	1
NATURAL GAS PIPELINE COMPANY OF AMERICA	6381	6381		7216		6381	5.00	.00	5	
OXY USA, INC.	154354	154354		28398		154354	5.00	.00	5	
PHILLIPS 66 NATURAL GAS CO.	22315	633	21682	622	20377	633	16345	1.00	1.00	1

FEBRUARY 1990 SOUTHEAST GAS PRODUCTION FACTOR SUMMARY
 DECEMBER DECEMBER PRCC. JANUARY INTERIM
 MARGINAL NON MARGINAL MARGINAL MARGINAL
 ACREAGE FACTOR NON-MARG M WELLS ACREAGE NM
 ALLOCATION

PHILLIPS PETROLEUM COMPANY	228	42614	39099	454	38645	230	61131	454	49035	4.00	3.00	4	3
TRANSWESTERN PIPELINE COMPANY	4000	9745	7859	7859	5994	1	1.00	1.00	1.00	1.00	1.00	1	1
GAS CO. OF NEW MEXICO	4000	9745	7859	7859	5994	2	2.00	2.00	2.00	2.00	2.00	2	2
HAMVET E. YATES CO.	13745	7859	7859	7859	9994	4	1.00	1.00	1.00	1.00	1.00	1	1
PCOL TOTAL	13745	7859	7859	7859	9994	4	1.00	1.00	1.00	1.00	1.00	1	1
BURTON FLAT WOLF CAMP, NC. (PROD GAS)	7859	7859	7859	7859	9994	4	4.00	4.00	4.00	4.00	4.00	4	4
CITIES SERVICE OIL COMPANY	7859	7859	7859	7859	9994	4	4.00	4.00	4.00	4.00	4.00	4	4
EL PASO NATURAL GAS COMPANY	6	6	6	6	6	1	1.00	1.00	1.00	1.00	1.00	1	1
OXY USA, INC.	60389	60389	60389	60389	61915	10	10.00	10.00	10.00	10.00	10.00	10	10
PHILLIPS 66 NATURAL GAS CO.	985	985	985	985	460	2	2.00	2.00	2.00	2.00	2.00	2	2
PCOL TOTAL	13745	7859	7859	7859	9994	4	1.00	1.00	1.00	1.00	1.00	1	1
CARLSBAD MORROW, SO. (PROD GAS)	61380	61126	61126	61126	62381	13	13.00	13.00	13.00	13.00	13.00	13	13
EL PASO NATURAL GAS COMPANY	63657	63657	63657	63657	61864	23	23.00	23.00	23.00	23.00	23.00	23	23
EL PASO NATURAL GAS AND LLANO	41905	41905	41905	41905	26508	5	5.00	5.00	5.00	5.00	5.00	5	5
HAMON OIL CO.	11652	11652	11652	11652	11652	3	3.00	3.00	3.00	3.00	3.00	3	3
LAND INCORPORATED	56460	16359	40101	18827	88102	12	12.00	12.00	12.00	12.00	12.00	12	12
NATURAL GAS PIPELINE COMPANY OF AMERICA	2323	2323	2677	2323	2323	3	3.00	3.00	3.00	3.00	3.00	3	3
PETROSIL CO.	13910	13910	12553	13910	13910	2	2.00	2.00	2.00	2.00	2.00	2	2
TRANSWESTERN PIPELINE COMPANY	73446	51690	46243	5447	61564	16	16.00	15.59	15.59	15.59	15.59	16	16
PCOL TOTAL	98534	229945	167581	62364	195645	64	63.55	63.55	63.55	63.55	63.55	64	64
CATLAN DRAW MORROW (PROD GAS)	25000	36872	32416	36872	23781	5	5.85	5.85	5.85	5.85	5.85	5	5
GAS CO. OF NEW MEXICO	25000	36872	32416	36872	23781	5	5.85	5.85	5.85	5.85	5.85	5	5
GAS CO. OF N.M. & QUINOCO	21311	21311	23544	21311	21311	1	1.00	1.00	1.00	1.00	1.00	1	1
LAND INCORPORATED	10527	10527	23081	51495	51495	1	1.00	1.00	1.00	1.00	1.00	1	1
LAND INC AND GAS CO OF N.M.	450000	98245	6747	91458	5711	2	3.00	3.00	3.00	3.00	3.00	2	3
PCOL TOTAL	475000	182499	64930	117569	54553	9	5.01	5.01	5.01	5.01	5.01	9	5
ELKIN FUSSELMAN, SOUTH (GAS)	475000	182499	64930	117569	54553	9	5.01	5.01	5.01	5.01	5.01	9	5
MARCO INC.	128.27	33.50	104	31	31	1	1.00	1.00	1.00	1.00	1.00	1	1
PCOL TOTAL	128.27	33.50	104	31	31	1	1.00	1.00	1.00	1.00	1.00	1	1
EUMONT YATES 7 RVS CN (PROD GAS)	142744	713323	354560	418760	352730	603134	354560	603268	128.27	33.50	104	31	31
EL PASO NATURAL GAS COMPANY	142744	713323	354560	418760	352730	603134	354560	603268	128.27	33.50	104	31	31
EL PASO NATURAL GAS AND NORTHERN NATURAL	30065	30065	30065	30065	30065	1	4.00	4.00	4.00	4.00	4.00	1	1
EL PASO NATURAL GAS AND WARREN PIPELINE SYS	5267	5267	5267	5267	5267	1	1.00	1.00	1.00	1.00	1.00	1	1

FEBRUARY 1990 SOUTHEAST GAS PRODUCTION FACTOR SUMMARY

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FEBRUARY NOMINATED	1990 TOTAL PROD	SOUTHEAST DECEMBER MARGINAL	GAS DECEMBER NON MARGINAL	PROD. JANUARY MARGINAL	SUMMARY INTERIM NON MARGINAL	FEBRUARY MARGINAL	NEW ACREAGE HARG	ALLOCATION FACTOR NON-HARG	NO. WELLS M NM	ACREAGE NM	
NORTHERN NATURAL GAS COMPANY 914103 310505	603598	319005	1160716	310505	1160978	139.74	64.47	106	48		
PHILLIPS 66 NATURAL GAS CO. 32506 28079	4427	26523	9002	28079	9004	10.97	.50	11	1		
PHILLIPS PETROLEUM COMPANY 10136						.00	.00				
TEXACO PRODUCING, INC. 10400 79569	23842	55727	25818	117026	23842	117052	16.74	6.50	14	6	
WARREN PETROLEUM CORPORATION 30000 6584	837	5747	747	9002	837	9004	3.50	.50	2	1	
POOL TOTAL 193280	1841414	753155	1088259	763036	1898880	753155	1899306	304.22	105.47	239	87
INDIAN BASIN MORROW (PRORATED GAS)											
BARBARA FASKEN 65000 15510	15510		18836	15510		2.50	.00	3			
GAS CO. OF NEW MEXICO 9000 14992	14992		14992			1.00	.00	1			
MARATHON OIL COMPANY 67500 56773	259	56514	62498	259	59735	4.00	1.08	4	1		
MARATHON AND GAS CO. OF N. M. 4139 4139	5765		4139			1.00	.00	1			
POOL TOTAL 141500	91414	34900	56514	24601	62498	34900	59735	8.50	1.08	9	1
INDIAN BASIN UPPER PENN. (PRO GAS)											
AMOCO PRODUCTION CO			33634	175603		117904	2.00	1.00	2	1	
GAS CO. OF NEW MEXICO 500 45969	45969		60173	45969		1.00	.00	1			
MARATHON OIL COMPANY 3640000 3063565	1621339	1337148	1581706	1777104	1621339	1193188	29.02	10.12	31	10	
MARATHON AND GAS CO. OF N. M.						1.90	.00	2			
POOL TOTAL 3640500	3109534	1667308	1337148	1675513	1952707	1667308	1311092	33.92	11.12	36	11
JALMAT TANSILL YT 7 RVRS (PRO GAS)											
EL PASO NATURAL GAS COMPANY 52024 554536	358998	195538	376510	166364	358998	181758	232.47	21.50	202	29	
EL PASO NATURAL GAS AND MARATHON OIL 14300 14300	14280		14300			6.00	.00	2			
EL PASO NATURAL GAS AND WARREN PIPELINE SYS						1.98	.00	1			
MARATHON OIL COMPANY						.00	.00				
NORTHERN NATURAL GAS COMPANY 61261 21332	39929	31484	56098	21332	61289	23.00	7.25	15	4		
PHILLIPS PET AND GAS CO. OF N. M. 3098 3098				3098		1.00	.00	1			
TEXACO PRODUCING, INC. 21000 14698	14698	16570	14698			7.50	.00	6			
X CEL GAS CO 152916 107313	45603	27258	52230	107313	57063	38.75	6.75	26	3		
POOL TOTAL 73024	800809	519739	281070	466102	274692	519739	300110	310.70	35.50	253	36
JUSTIS GLORIETA (PRORATED GAS)											
EL PASO NATURAL GAS COMPANY 5852 49355	8316	41039	8228	64129	8316	53157	12.00	13.00	7	7	
POOL TOTAL 5852	49355	8316	41039	8228	64129	8316	53157	12.00	13.00	7	7
MONUMENT MCKEE ELLEN (PRORATED GAS)											
EL PASO NATURAL GAS COMPANY 182 182		163	182			1.00	.00	1			
CHEVRON U.S.A. & EL PASO NATURAL						1.00	.00	1			
NORTHERN NATURAL GAS COMPANY 4374 160	4214	236	11036	160	5647	1.00	1.00	1	1		
WARREN PETROLEUM CORPORATION 18000 16820	16820	16711	16820			1.00	.00	1			
POOL TOTAL 18000	21376	17162	4214	17110	11036	17162	5647	4.00	1.00	4	1
PARKWAY ATOKA, WEST (PRORATED GAS)											
EL PASO NATURAL GAS COMPANY 2550 2550		2768	2550			3.00	.00	3			
POOL TOTAL	2550	2550	2768	2550		3.00	.00	3			

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FEBRUARY 1990 SOUTHEAST GAS PRODRATION SCHEDULE										FEBRUARY 1990 SOUTHEAST GAS PRODRATION SCHEDULE									
DESCRIPTION STAT AF DEC					P/R D/G					PAGE 1 U					PAGE 2				
ATOKA PENN. (PRODRATED GAS)					ATOKA PENN. (PRODRATED GAS)					ATOKA PENN. (PRODRATED GAS)					ATOKA PENN. (PRODRATED GAS)				
GAS CO. OF NEW MEXICO					GAS CO. OF NEW MEXICO					GAS CO. OF NEW MEXICO					GAS CO. OF NEW MEXICO				
MEMORABLE OIL CO					MEMORABLE OIL CO					MEMORABLE OIL CO					MEMORABLE OIL CO				
IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00				
*****					*****					*****					*****				
YATES PETROLEUM CORPORATION					YATES PETROLEUM CORPORATION					YATES PETROLEUM CORPORATION					YATES PETROLEUM CORPORATION				
SPENCER ADE COM					SPENCER ADE COM					SPENCER ADE COM					SPENCER ADE COM				
IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00				
*****					*****					*****					*****				
PIPELINE TOTAL					PIPELINE TOTAL					PIPELINE TOTAL					PIPELINE TOTAL				
2.00					2.00					2.00					2.00				
*****					*****					*****					*****				
PHILLIPS & NATURAL GAS CO.					PHILLIPS & NATURAL GAS CO.					PHILLIPS & NATURAL GAS CO.					PHILLIPS & NATURAL GAS CO.				
*****					*****					*****					*****				
PETROLEUM CO. L.P.					PETROLEUM CO. L.P.					PETROLEUM CO. L.P.					PETROLEUM CO. L.P.				
BRAHMA 322E (MMU)					BRAHMA 322E (MMU)					BRAHMA 322E (MMU)					BRAHMA 322E (MMU)				
IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00				
*****					*****					*****					*****				
PIPELINE TOTAL					PIPELINE TOTAL					PIPELINE TOTAL					PIPELINE TOTAL				
1.00					1.00					1.00					1.00				
*****					*****					*****					*****				
TRANSWESTERN PIPELINE COMPANY					TRANSWESTERN PIPELINE COMPANY					TRANSWESTERN PIPELINE COMPANY					TRANSWESTERN PIPELINE COMPANY				
*****					*****					*****					*****				
CHEVRON U.S.A. INC					CHEVRON U.S.A. INC					CHEVRON U.S.A. INC					CHEVRON U.S.A. INC				
C R MARTIN					C R MARTIN					C R MARTIN					C R MARTIN				
IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00				
*****					*****					*****					*****				
PAUL LEASSEE AL GAS CO					PAUL LEASSEE AL GAS CO					PAUL LEASSEE AL GAS CO					PAUL LEASSEE AL GAS CO				
IP 118526E M .79					IP 118526E M .79					IP 118526E M .79					IP 118526E M .79				
*****					*****					*****					*****				
BARBARA EASSEN COM					BARBARA EASSEN COM					BARBARA EASSEN COM					BARBARA EASSEN COM				
IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00				
*****					*****					*****					*****				
ROGERS 10 COM					ROGERS 10 COM					ROGERS 10 COM					ROGERS 10 COM				
IP 118526E M .93					IP 118526E M .93					IP 118526E M .93					IP 118526E M .93				
*****					*****					*****					*****				
FELDMONT OIL CORPORATION					FELDMONT OIL CORPORATION					FELDMONT OIL CORPORATION					FELDMONT OIL CORPORATION				
IP 118526E M .78					IP 118526E M .78					IP 118526E M .78					IP 118526E M .78				
*****					*****					*****					*****				
ATOKA COM					ATOKA COM					ATOKA COM					ATOKA COM				
IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00				
*****					*****					*****					*****				
FELDMONT AIOKA COM					FELDMONT AIOKA COM					FELDMONT AIOKA COM					FELDMONT AIOKA COM				
IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00				
*****					*****					*****					*****				
MEROX ENERGY CORP.					MEROX ENERGY CORP.					MEROX ENERGY CORP.					MEROX ENERGY CORP.				
IP 118526E M .64					IP 118526E M .64					IP 118526E M .64					IP 118526E M .64				
*****					*****					*****					*****				
MARATHON OIL COMPANY					MARATHON OIL COMPANY					MARATHON OIL COMPANY					MARATHON OIL COMPANY				
IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00				
*****					*****					*****					*****				
ANDREW ARNOUL ESTATE					ANDREW ARNOUL ESTATE					ANDREW ARNOUL ESTATE					ANDREW ARNOUL ESTATE				
IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00					IP 118526E M 1.00				
*****					*****					*****					*****				
GUY M N CR SON A					GUY M N CR SON A					GUY M N CR SON A					GUY M N CR SON A				
IP 118526E M .75					IP 118526E M .75					IP 118526E M .75					IP 118526E M .75				
*****					*****														

BLINBRY (PKO GAS) (CONSOLIDATED) NNG
DESCRIPTION STAT AF DEC Q/P DEC FEB ALLOC
US SALES D/U O/U AGE

PIPELINE TOTAL 29.74 203114 195009- 311272 4598

NORTHERN NATURAL GAS AND TEXACO

MARATHON OIL COMPANY

WALDEN OIL FIELD UNIT
LOU 9E1122537E M 1.00 19211 24854-
PIPELINE TOTAL 2.00 19211 24854-
NORTHERN NATURAL GAS & WARREN PETROLEUM CO

ANCO PRODUCTION CO

STATE C IR 13
SE3621537E M .75 8625 8625 120
CHEVRON U.S.A. INC
U 1R2122537E M 1.00 261 281 160
J N CARSON NGT A 21987 23477 160
P. U.S. SUMMARY N 1.00 10346 29722 160
MARK 6A1022537E N .25 10346 29722 160
MARK 3G 322537E(MU) .75 3047 3047 120
MARK 313421537E M .75 7270 7270 120
PIPELINE TOTAL 4.50 51556 78798- 720

NORTHERN NATURAL, WARREN AND SHELL PIPELINE

CHEVRON U.S.A. INC
H T MCCOMACK
9P3221537E M .75 2002 2002 120
PIPELINE TOTAL .75 2002 120
TEXACO PRODUCTION, INC.

SHELL WESTERN E & P INC.

ARGO A 5E2241537E M .50 80 80
NORTH EAST DRINKARD UNIT
613H1521537E M 1.00 160 160
616C1421537E M 1.00 160 160
TEXACO INCORPORATED
BAKER B 15J1022537E(MU) 10107 16352 240
P. U. SUMMARY M 1.50 16352 16352 640
PIPELINE TOTAL 4.00 16905 640

WARREN PETROLEUM CORPORATION

MARATHON OIL COMPANY
EDITH BUTLER B
2J1322537E N .25 13391 23477 * 24484-
MOBILE PRODUCING TEXAS AND NEW MEXICO
COKER A HARDY
8C2921537E M 1.00 7152 7152 160
PIPELINE TOTAL 1.25 20543 24484-
PDC TOTAL 67.99 530569 415486-
BUFFALO VALLEY PENN.(PRORATED GAS)

EL PASO NATURAL GAS COMPANY
DESCRIPTION STAT AF DEC Q/P DEC FEB ALLOC
US SALES D/U O/U AGE

PIPELINE TOTAL 5.00 19717 1600

READ AND STEVENS

HARKIS FEDERAL
1012215527E M 1.00 5471 9434 320
READ AND STEVENS, INC.
HARDY A 5E2915527E M 1.00 9434 9434 320
TOLIS FEDERAL
2L2415527E M 1.00 4812 4812 320
PIPELINE TOTAL 19717 1600

PHILLIPS 66 NATURAL GAS CO.

BLEDSOE PETROLEUM CORP.
BUFFALO VALLEY COM
2H2415527E M 1.00 1922 1922 320
CLEM 1D115527E M 1.00 3258 3258 320
DEKALB ENERGY
BOOLE E 1J 815528E M 1.00 320 320
R AND 31E28E M 1.00 320 320
R AND 113428E M 1.00 320 320
FORAN OIL CO.
LUA 2D 715528E M 1.02 327 327

JACK J. GRYNBERG

MEMPHIS STATE
1N215427E M 1.00 31620 31620 320
MOUNTAIN STATES PETROLEUM CORPORATION
BROTOR COM
1D2015528E M 1.00 448 448 320
BROJAR FEDERAL M 1.01 2883 2883 324
HOND 3A1915528E M 1.00 18942 18942 320
STA 1E3615527E M 1.00 5918 5918 320
READ AND STEVENS, INC.
BUFFALO VALLEY
2J 215527E M 1.00 7745 7745 320
BUFFALO VALLEY COM 1.00 18487 18487 320
HUND C1215527E M 1.00 4292 4292 320
LUA 31 715528E M 1.02 3508 3508 336
MIDWEST COM
1M 915528E M 1.05 8792 8792 326
PIAT 1D1815528E M 1.02 6074 6074 320
TROBACH 43 STATE
1J 15527E M 1.00 18537 18537 320
TROBACH 1J 115527E M 1.00 18537 18537 320
PIPELINE TOTAL 19.12 132426 6120

TRANSWESTERN PIPELINE COMPANY

READ AND STEVENS, INC.
HARDY A 5E2915527E M 1.00 4311 156475 64171- 4311 26536 320
LAWLEY COM
9E2315527E N 1.00 21924 156475 55637- 26536 320
ROSE
1C1315527E M 1.00 320 320

FEBRUARY 1990 SOUTHEAST GAS PRORATION SCHEDULE

BUFFALO VALLEY PENN. (PRORATED GAS)

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TMP

DESCRIPTION STAT AF DEC O/P

SALES D/U

FEB ACRE-

ALLOC AGE

FEBRUARY 1990 SOUTHEAST GAS PRORATION SCHEDULE

BURTON FLAT MORROW (PRORATED GAS)

PAGE 8

EPG

DESCRIPTION STAT AF DEC O/P

SALES D/U

FEB ACRE-

ALLOC AGE

NATURAL GAS PIPELINE COMPANY OF AMERICA

DESCRIPTION	STAT	AF	DEC	D/P	DEC	FEB	ACRE-
	US		SALES	LTM	07U	ALLOT	AGE
MEGA OPERATING CO.				*****			
MEGA OPERATING CO.			807				
103420528E M							
262420528E M							
P. U. SUMMARY	M	1.00	807			807	320
MEGA OPERATING LIMITED PARTNERSHIP				*****			
HONDO STATE CO.							
1F3220528E M		1.00					320
OXY USA INC.				*****			
C.D. M. A. CO.							
103921527E M		1.00	5574			5574	320
CLITE STATE							
183620528E M		1.00					320
YATES PETROLEUM CORPORATION				*****			
STONEWALL STATE							
2N1920528E M		1.00					324
PIPELINE TOTAL		5.00	6381			6381	1604

OXY USA, INC.

DESCRIPTION	STAT	AF	DEC	D/P	DEC	FEB	ACRE-
	US		SALES	LTM	07U	ALLOT	AGE
OXY USA, INC.				*****			
GOVERNMENT A							
1C2320528E M		1.00	89012			89012	320
GOVERNMENT A COM							
1K1420528E M		1.00	2616			2616	320
GOVERNMENT I COM							
1C1420528E M		1.00					320
GOVERNMENT M COM							
1N2420528E M		1.00	57121			57121	320
GOVERNMENT M							
1N1120528E M		1.00	5605			5605	320
PIPELINE TOTAL		5.00	154354			154354	1600

PHILLIPS 66 NATURAL GAS CO.

DESCRIPTION	STAT	AF	DEC	D/P	DEC	FEB	ACRE-
	US		SALES	LTM	07U	ALLOT	AGE
EXXON CORPORATION				*****			
YATES FEDERAL CO.							
1C2120528E M		1.00	21682			35219	321
YATES PETROLEUM CORPORATION				*****			
FOXIE FEDERAL CO.							
1F1820528E M		1.00	633			633	320
PIPELINE TOTAL		2.00	22315			16978	641

TRANSWESTERN PIPELINE COMPANY

DESCRIPTION	STAT	AF	DEC	D/P	DEC	FEB	ACRE-
	US		SALES	LTM	07U	ALLOT	AGE
BHP PETROLEUM, INC.				*****			
BURTON FLAT MORROW (PRORATED GAS)							
1A1820528E M		1.00					
CEAF FEDERAL CO.							
2F1021527E M		1.00	5417			14835	320
GOVERNMENT M COM							
1K1021527E M		1.00					320
GOVERNMENT U COM							
1G1421527E M		1.00	285			285	320
GOVERNMENT V COM							
1G1520528E M		1.00					320
GOVERNMENT W COM							
1K2320528E M		1.00					320
PIPELINE TOTAL		7.00	39099			110773	2240
POOL TOTAL		60.52	540874			162381	19378

BURTON FLAT STRAWN (PRORATED GAS)

DESCRIPTION	STAT	AF	DEC	D/P	DEC	FEB	ACRE-
	US		SALES	LTM	07U	ALLOT	AGE
GAS CO. OF NEW MEXICO				*****			
BHP PETROLEUM, INC.							
BURTON FLAT MORROW (PRORATED GAS)							
3N 321527E M		1.00					320
PIPELINE TOTAL		1.00					320

TRANSWESTERN PIPELINE COMPANY

DESCRIPTION	STAT	AF	DEC	D/P	DEC	FEB	ACRE-
	US		SALES	LTM	07U	ALLOT	AGE
BHP PETROLEUM, INC.				*****			
CEAF FEDERAL CO.							
2F1021527E M		1.00	7859			7859	320
GOVERNMENT M COM							
1K1021527E M		1.00					320
PIPELINE TOTAL		2.00	7859			7859	640

HARVEY E. YATES CO.

DESCRIPTION	STAT	AF	DEC	D/P	DEC	FEB	ACRE-
	US		SALES	LTM	07U	ALLOT	AGE
HARVEY E. YATES CO.				*****			
CEAF FEDERAL CO.							
2G1521527E M		1.00					320
PIPELINE TOTAL		1.00					320
POOL TOTAL		4.00	7859			7859	1280

BURTON FLAT WOLF CAMP, NO. (PRORATED GAS)

EL PASO NATURAL GAS COMPANY

DESCRIPTION	STAT	AF	DEC	D/P	DEC	FEB	ACRE-
	US		SALES	LTM	07U	ALLOT	AGE
YATES PETROLEUM CORPORATION				*****			
STONEWALL STATE							
2G1920528E M		1.00	6			6	320
PIPELINE TOTAL		1.00	6			6	320

OXY USA, INC.

DESCRIPTION	STAT	AF	DEC	D/P	DEC	FEB	ACRE-
	US		SALES	LTM	07U	ALLOT	AGE
OXY USA, INC.				*****			
GOVERNMENT A							
1C2320528E M		1.00	3963			3963	320
GOVERNMENT A							
1K1120528E M		1.00	8703			8703	320
GOVERNMENT M COM							
2K1020528E M		1.00	9612			9612	320
GOVERNMENT M							
2K1020528E M		1.00	8727			8727	320
GOVERNMENT M COM							
1K1420528E M		1.00	6937			6937	320
GOVERNMENT U COM							
2G1520528E M		1.00	5154			5154	320
GOVERNMENT V COM							
1G1520528E M		1.00	5072			5072	320
GOVERNMENT W COM							
1K2320528E M		1.00	456			456	320
PIPELINE TOTAL		10.00	60389			60389	3200

PHILLIPS 66 NATURAL GAS CO.

DESCRIPTION	STAT	AF	DEC	D/P	DEC	FEB	ACRE-
	US		SALES	LTM	07U	ALLOT	AGE
EXXON CORPORATION				*****			
NEW MEXICO STATE CO.							

FEBRUARY 1990 SOUTHEAST GAS PRODUCTION SCHEDULE

DURTON FLAT WOLF CAMP, NO. (PRODUCED GAS)

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	PNG	DEC O/U
YATE 1J211529E NC	M 1.00	254	6801-		
YATE 2J3120528E M	M 1.00	615			
SNYDER OIL COMPANY					
USA 3					
PIPELINE TOTAL	2.00	985			
POOL TOTAL	13.00	61380			

CARLSBAD MORROW, SO. (PRODUCED GAS)

EL PASO NATURAL GAS COMPANY

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	PNG	DEC O/U
BARUCH-FOSTER CORP.					
BEAR 1J1722527E M	M 1.00	1549			
SARK 1B1722527E M	M 1.00	1827			
CHEVRON U.S.A. INC					
EDDY CN STATE COM	M 1.00				
GF 1G2823526E M	M 1.00	839			
1K16233527E M	M 1.00	73			
2K16233527E M	M 1.00				
ENSTAR PETROLEUM CO., A DIV. OF ENSTAR CORP.					
ALLIED CHEMICAL FEDERAL					
2E 324526E M	M 1.00				

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	PNG	DEC O/U
CORINE GRACE					
AIMON 1J211529E M	M 1.00				
GRACE 2K16233527E M	M 1.00				
113622526E M	M 1.00				

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	PNG	DEC O/U
MICHAEL P. GRACE II					
GRACE ATLANTIC COM					
1J2422526E M	M 1.00	2859			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	PNG	DEC O/U
HAMON OPERATING CO.					
STATE 1C 224526E M	M 1.00	2095			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	PNG	DEC O/U
KATSER-FRANCIS OIL CO					
MARQUESS COM					
IN 923527E M	M 1.00	45			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	PNG	DEC O/U
KATSER-FRANCIS OIL CO					
MESA GRANDE					
IF1122526E M	M 1.00	2150			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	PNG	DEC O/U
LANEXCO INC					
BRA 1B2922527E M	M 1.00	3688			
PASLAY A COM					
IK 822527E M	M 1.00	11838			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	PNG	DEC O/U
PACIFIC ENTERPRISES ROYALTY CO.					
BELL 1J3422526E M	M 1.00	8830			
1H 324526E M	M 1.00				

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	PNG	DEC O/U
PETRUS OIL CO, L.P.					
MIDWEST L FEDERAL GAS COM					
STATE 1K3422526E M	M 1.00	11621			
1G 323526E M	M 1.00	4995			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	PNG	DEC O/U
PHILLIPS PETROLEUM COMPANY					
DRILL 1G1823527E M	M 1.00	1662			
TIDWELL A COM					
IE 823527E M	M 1.00	22			
WESTFALL A COM					
IN 523527E M	M 1.00				

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	PNG	DEC O/U
SAMEDAN OIL CORPORATION					
112122527E M	M 1.00				

U FEBRUARY 1990 SOUTHEAST GAS PRODUCTION SCHEDULE

CARLSBAD MORROW, SO. (PRODUCED GAS)

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
CARLSBAD STATE COM					
EXON 1J211529E M	M 1.00	2975			
EXON STATE COM					
1J3422526E M	M 1.00	6589			
VINTAGE PETROLEUM, INC.					
ALLIED STATE					
111023526E M	M 1.00				
PIPELINE TOTAL	23.00	63657			
EL PASO NATURAL GAS AND LLANO					

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
BARUCH-FOSTER CORP.					
LITTLE JEWEL COM					
IF3122527E M	M 1.00	16816			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
ENRON OIL & GAS CO.					
MARTIN COM					
1F2022527E M	M 1.00				

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
EXXON CORPORATION					
SOUTH CARLSBAD GAS COM NO 4					
IN2323526E M	M 1.00	1875			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
PERMTOIL EXPL. & PROD. CO.					
O'NEILL B COM					
1J1024526E M	M 1.00	5364			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
PETRUS OIL CO., L.P.					
RYAN COM					
1D 523527E M	M 1.00	16184			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
PHILLIPS PETROLEUM COMPANY					
DRAG B COM					
2C1923527E M	M 1.00	1666			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
PIPELINE TOTAL	5.97	41905			
HAMON OIL CO.					

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
HAMON OPERATING CO.					
FOREHAND 25 FEDERAL COM					
IN2223526E M	M 1.00				
MOB 1J211529E M	M 1.00				
STATE 1E 2233526E M	M 1.00				
1C3623526E M	M 1.00				
PIPELINE TOTAL	3.00				
LLANO INCORPORATED					

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
EXXON CORPORATION					
NH 1J211529E M	M 1.00	6684			
SOUTH CARLSBAD GAS COM NO 4					
1G2723526E M	M 1.00				

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
PETRUS OIL CO., L.P.					
FEDERAL NH COM					
1E1323526E M	M 1.00	1280			
STATE 1G 323526E M	M 1.00	22375			
1C1723527E M	M 1.00				

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
QUINOCO PETROLEUM, INC.					
CARLSBAD STATE COM					
1E1622527E M	M 1.00	3884			
DOUGLASS COM					
1H 7222527E M	M 1.00	17726			
JARVIS HEAD COM					
IN 522527E M	M 1.00	781			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
HEAD AND STEVENS, INC.					
OTIS 33					
2C3322527E M	M 1.00	2277			

DESCRIPTION	STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
SANTA FE ENERGY OPERATING PARTNERS, L.P.					
WALKER					
112122527E M	M 1.00	55			

FEBRUARY 1990 SOUTHEAST GAS PRODUCTION SCHEDULE									
CARLSBAD MORROW, SO. (PRORATED GAS)					CARLSBAD MORROW, SO. (PRORATED GAS)				
DESCRIPTION	STAT	AF	DEC	D/P	DESCRIPTION	STAT	AF	DEC	TMP
US			SALES	LTN	US			SALES	LTN
*****					*****				
UNION OIL COMPANY OF CALIFORNIA					PENNYOIL EXPL. & PROD. CO.				
CALIFORNIA OIL	M	1.00	957	320	ECHELON OIL	M	1.00	4359	320
WELLS	M	1.00	89	319	GULF FEDERAL	M	1.00	1493	320
IC 322527E	M	1.00			IK 123526E	M	1.00	2264	315
*****					MOBILE 12	M	1.00	14439	320
RAY MESTALL					18123526E	M	1.00		
MODRE CON	M	1.00	352	320	PIPELINE TOTAL			292829-	
TERA-SIALE	M	1.00			POOL TOTAL			141366-	
101421526E	M	1.00			CATCLAW DRAW MORROW (PRORATED GAS)			286078	21604
HARVEY E. YATES CO.					*****				
MODRE 21-STATE	M	1.00			CHEVRON U.S.A. INC.				
2K2123527E	M	1.00			EXXON 17 FEDERAL	M	1.00	728	640
PIPELINE TOTAL			56460		IK1723526E	M	1.00		
NATURAL GAS PIPELINE COMPANY OF AMERICA					BARBARA FARRER	M	1.00	532	267
*****					IP 121525E	M	1.00		
BEITIS BOYLE AND STOWALL					HONDO OIL AND GAS COMPANY				
EXXON 17 FEDERAL	M	1.00			PURE FEDERAL	M	1.02	12866	650
IK1723526E	M	1.00			2P1121525E	M	1.02	15544	650
CONQUINA OIL CORPORATION					QUINOCO PETROLEUM, INC.				
PHILLY FEDERAL	M	1.00	1068	320	CATCLAW DRAW UNIT	M	2.00	2650	640
1H2123526E	M	1.00			1781421525E	M	2.00		
DANSON OIL CORPORATION					TEXACO INCORPORATED				
GRAM STATE	M	1.00	1255	320	E. J. LEVY'S FEDERAL	NCT-1		20096	632
IN3523526E	M	1.00			1N1221525E	M	1.00	89928	3479
PIPELINE TOTAL			2323	960	PIPELINE TOTAL			2545	
PETRAUS OIL CO.					*****				
*****					GAS CO. OF NEW MEXICO				
PETREUS OIL CO., L.P.					CHEVRON U.S.A. INC.				
STEPHENS A	M	1.00	6454	318	EXXON 17 FEDERAL	M	1.00	728	640
IN 723527E	M	1.00	7456	317	IK1723526E	M	1.00		
PIPELINE TOTAL			13910	635	BARBARA FARRER	M	1.00	532	267
TRANSMISSION PIPELINE COMPANY					IP 121525E	M	1.00		
*****					HONDO OIL AND GAS COMPANY				
ENSTAR PETROLEUM CO.-A DIV. OF ENSTAR CORP.-*****					PURE FEDERAL	M	1.02	12866	650
CARLSBAD 12	M	1.00			2P1121525E	M	1.02	15544	650
101223526E	M	1.00			QUINOCO PETROLEUM, INC.				
CARLSBAD 13	M	1.05	8305	337	CATCLAW DRAW UNIT	M	2.00	2650	640
IG1223526E	M	1.05			1781421525E	M	2.00		
GRACE ENERGY COMPANY					TEXACO INCORPORATED				
PO 60	M	1.00	1450	320	E. J. LEVY'S FEDERAL	NCT-1		20096	632
1G2352526E	M	1.00	652	320	1N1221525E	M	1.00	89928	3479
HUMBLE GRACE CO.	M	1.00			PIPELINE TOTAL			2545	
IP 223526E	M	.61			*****				
CORINE GRACE					QUINOCO PETROLEUM, INC.				
CITY OF CARLSBAD	M	1.00	5447	320	CATCLAW DRAW UNIT	M	2.00	2650	640
102523526E	M	1.00			1781421525E	M	2.00		
COLONIA A INC.					TEXACO INCORPORATED				
IK1822527E	M	1.00	1564	323	E. J. LEVY'S FEDERAL	NCT-1		20096	632
MERLAND A CO.	M	.98	1038	313	1N1221525E	M	1.00	89928	3479
101923527E	M	.98	3221	313	PIPELINE TOTAL			2545	
MERLAND B CO.	M	.98	5404	314	*****				
103023527E	M	.98	873	320	QUINOCO PETROLEUM, INC.				
MERLAND C CO.	M	1.00	1181	320	CATCLAW DRAW UNIT	M	2.00	2650	640
STRICKLAND	M	1.00			1781421525E	M	2.00		
11822527E	M	1.00			TEXACO INCORPORATED				
TRACY B CO.	M	1.00			E. J. LEVY'S FEDERAL	NCT-1		20096	632
11822527E	M	1.00			1N1221525E	M	1.00	89928	3479
PACIFIC ENTERPRISES OIL CO. (USAI)					PIPELINE TOTAL			2545	
MARY K KIMBLE					*****				

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FEBRUARY 1990 SOUTHEAST GAS PRORATION SCHEDULE										U FEBRUARY 1990 SOUTHEAST GAS PRORATION SCHEDULE										PAGE 27		PAGE 28	
INDIAN BASIN UPPER PENN. (PRO GAS)										INDIAN BASIN UPPER PENN. (PRO GAS)										MAX			
DESCRIPTION	STAT	AF	DEC	Q/P	FEB	ACRE-	DEC	Q/P	MAX	DESCRIPTION	STAT	AF	DEC	Q/P	FEB	ACRE-	DEC	Q/P	MAX				
	US	SALES	O/Y	LTM	ALLOC	AGE	O/Y	LTM	O/Y		US	SALES	O/Y	LTM	ALLOC	AGE	O/Y	LTM	O/Y				
INDIAN BASIN UPPER PENN. (PRO GAS)																							
AMOCO PRODUCTION CO																							
AMOCO PRODUCTION CO																							
HOC FEDERAL GAS COM																							
IF1322523E M 1.00																							
SMITH FEDERAL																							
IF1322523E M 1.00																							
SMITH FEDERAL																							
IF1322523E N 1.00																							
SMITH FEDERAL																							
IF1322523E M 1.00																							
PIPELINE TOTAL																							
3.00																							
219181																							
1117904																							
640																							
MUSSELMAN, OWEN & KING OPER., INC.																							
SMITH FEDERAL																							
1G 122523E M 1-05																							
2L 122523E NC																							
105078																							
1712243-																							

DRYX ENERGY CO- GAS COM																							
BRIGHT FEDERAL																							
1G212523E M 1.00																							
BUNNEL FEDERAL GAS COM																							
1G212523E M 1.00																							
CONOCO FEDERAL GAS COM																							
1G212523E M 1.00																							
WEST INDIAN BASIN UNIT GAS COM																							
1G212523E M 1.00																							
LOWE STATE																							
1G212523E M 1.00																							
2M3621523E M 1-00																							
TEXACO PRODUCING CO- COM																							
NEW MEXICO STATE																							
1G212523E M 1.00																							
122752																							

TXO PRODUCTION CORPORATION																							
HELING FEDERAL																							
1G222523E M -.55																							
20865																							

UNION OIL COMPANY OF CALIFORNIA																							
FEDERAL																							
1G222523E M 1.00																							
86853																							
PIPELINE TOTAL																							
39-14 3063565																							
25048																							
517169																							

MARATHON AND GAS CO. OF N. M.																							

KERR-MCGEE CORPORATION																							
WINNIE FEDERAL																							
1G212523E M 1.00																							

MERIDIAN OIL INCORPORATED																							
J C WILLIAMSON STANDARD FED GAS COM																							
1G1921523E M -.90																							
576																							
PIPELINE TOTAL																							
1-90																							
1216																							

POOL TOTAL																							
45-04 3109534																							
2978400																							
28824																							

JALMAT TANSILL YI 7 RVRS (PRO GAS)																							

EL PASO NATURAL GAS COMPANY																							

AMERADA HESS CORPORATION																							
C C CAGLE																							
1D 326537E M 2.00																							
1319																							

AMOCO PRODUCTION CO																							
LANGLEY C FED																							
1N 923537E M 1.00																							
2874																							
MYERS FEDERAL AA A																							
1D 724537E (MMU)																							
3082																							
P-13L 924537E M 2.00																							
15903																							

ARCO OIL & GAS COMPANY																							
EVA E BLINERY MN																							
2D3023337E (MMU)																							
3226																							

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JALMAT TANSILL YR 7 RVRS (PRO GAS)	DESCRIPTION STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U	JALMAT TANSILL YR 7 RVRS (PRO GAS)	DESCRIPTION STAT AF	DEC SALES	O/P LIM	EPG	DEC O/U
P. U. SUMMARY	M 2.25	465				IF 226S37E	M 1.00				
SILVENS B 14		2223				LEWIS B. BUNKLES, INC.					
VAUGHAN B 14	M 1.00	2223				DYER	M 1.00	373			
VAUGHAN B 14	M 1.00	2223				FARMLEY 523S36E	M 2.02	3436			
VAUGHAN B 14	M 1.00	2223				FEDERAL	M 1.00	1850			
P. U. SUMMARY	M 2.00	8206				YIC 523S36E	M 1.00	150			
WELLS B 1	M 1.25	570				GUTMAN	M 1.00	1855			
WELLS B 1	M 1.25	570				HARRISON	M 1.00	998			
WELLS B 1	M 1.25	570				LANE 523S36E	M 1.00	1662			
CONVEST ENERGY CORP		2964				LANE 523S36E	M 1.00	160			
CITIBES		2964				LANE 523S36E	M 1.00	160			
DAUPONT OIL CORPORATION		2964				LEONARD	M 1.00	160			
ARHIE L CHRISTMAS B	M 1.00	434				MARTIN A	M 1.00	306			
JAMES L. EVANS		635				MCDONALD A 32	M 1.00	119			
STILLER A	M 2.00	434				MOB 1F352S36E	M 1.00	1301			
JAMES N. EVANS		635				NANCY FEDERAL COM	M 1.00	992			
ARNOLD RANNEY	M 1.00	4701				IN 222S37E (MHU)	M 1.00	3764			
GRACE PETROLEUM CORP		5626				P. U. SUMMARY	M 1.00	312			
NEW MEXICO AA STATE		5626				NEW MEXICO 2 STATE	M 1.00	1080			
18222S36E (MHU)		5626				SAUNDERS STATE	M 1.00	398			
48222S36E (MHU)		5626				SHAW 2332S37E	M 1.00	8454			
P. U. SUMMARY	M 1.00	73				SHAW 2332S37E	M 1.00	343			
HARRIS AND WALTON		73				SHAW 2332S37E	M 1.00	281			
ZATU CUSHING	M -25	73				SHAW 2332S37E	M 1.00	1080			
DOYLE HARTMAN		73				SHAW 2332S37E	M 1.00	398			
F M BUNKLES, INC.	M 1.00	73				SHAW 2332S37E	M 1.00	8454			
R W COMDEN A W N	M -75	73				SHAW 2332S37E	M 1.00	240			
JACK 202S37E	M 1.00	73				SHAW 2332S37E	M 1.00	80			
JACK 202S37E	M 1.00	73				SHAW 2332S37E	M 1.00	281			
LIBERTY MOVALTIES	M 1.00	73				SHAW 2332S37E	M 1.00	1080			
MARTIN B	M 1.00	73				SHAW 2332S37E	M 1.00	398			
J W SHERRELL	M 1.00	73				SHAW 2332S37E	M 1.00	8454			
10062S37E	M 1.00	73				SHAW 2332S37E	M 1.00	240			
SKEEL 1322S37E	M -75	236				SHAW 2332S37E	M 1.00	80			
STEVENS B 37 COM	M 1.00	236				SHAW 2332S37E	M 1.00	281			
CHARLES W. KEMP		1735				SHAW 2332S37E	M 1.00	1080			
WELLS B 1	M 1.00	1735				SHAW 2332S37E	M 1.00	398			
KERN CO	M -75	1900				SHAW 2332S37E	M 1.00	8454			
UNICE COOPER	M -75	1900				SHAW 2332S37E	M 1.00	240			
LANEXCO INC		3683				SHAW 2332S37E	M 1.00	80			
EL PASO PLANT	N -50	3683				SHAW 2332S37E	M 1.00	281			
EL PASO PLANT	FEDERAL	942				SHAW 2332S37E	M 1.00	1080			
EL PASO PLANT	M -75	942				SHAW 2332S37E	M 1.00	398			
EL PASO PLANT	M -75	1590				SHAW 2332S37E	M 1.00	8454			
EL PASO PLANT	M -75	1590				SHAW 2332S37E	M 1.00	240			
EL PASO PLANT	N -50	3909				SHAW 2332S37E	M 1.00	80			
EL PASO PLANT	FEDERAL	3950				SHAW 2332S37E	M 1.00	281			
EL PASO PLANT	5E332S37E (MHU)	4745				SHAW 2332S37E	M 1.00	1080			
P. U. SUMMARY	M 2.75	8695				SHAW 2332S37E	M 1.00	398			
EL PASO PLANT	M -50	987				SHAW 2332S37E	M 1.00	8454			
BERNARD LANKFORD JR		987				SHAW 2332S37E	M 1.00	240			
SPEAR STATE		987				SHAW 2332S37E	M 1.00	80			

FEBRUARY 1990 SOUTHEAST GAS PRORATION SCHEDULE

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U FEBRUARY 1990 SOUTHEAST GAS PRORATION SCHEDULE

PAGE 36

JALMAT TANSILL YR 7 RMA'S (PMO GAS)

JALMAT TANSILL YR 7 RMA'S (PMO GAS)

DESCRIPTION STAT AF DEC O/P LIM EPG

DESCRIPTION STAT AF DEC O/P LIM EPG

FEB ALLOC AGE

FEB ALLOC AGE

ORXX ENERGY CO-
PIERLESS FEDERALJ M COOPER
3N1224536E M 1-00

1567 160

OXY USA INC.
CLOJSONJ M COOPER
3N1224536E M 1-00

1567 160

STATE U
IL3623536E M -50J M COOPER
3N1224536E M 1-00

1567 160

PARKER & PARSELEY PETROLEUM CO.
R M COWDENJ M COOPER
3N1224536E M 1-00

1567 160

R M COWDEN
IL3023537E M -75J M COOPER
3N1224536E M 1-00

1567 160

R M COWDEN
IL3023537E M -50J M COOPER
3N1224536E M 1-00

1567 160

H F ESHMON
IL3023537E M 1-00J M COOPER
3N1224536E M 1-00

1567 160

E F KING
IL3023537E M 1-00J M COOPER
3N1224536E M 1-00

1567 160

PHILLIPS PETROLEUM COMPANY
C D MOULNORTH GROUPJ M COOPER
3N1224536E M 1-00

1567 160

C D MOULNORTH GROUP
IL3023537E M 1-00J M COOPER
3N1224536E M 1-00

1567 160

M C MOULNORTH
IL3023537E M 2-00J M COOPER
3N1224536E M 1-00

1567 160

RB PETROLEUM CORP
HUMBLE L STATEJ M COOPER
3N1224536E M 1-00

1567 160

SABA ENERGY INC.
LANGLEY B TA 2 FEDERALJ M COOPER
3N1224536E M 1-00

1567 160

SANTA FE EXPLORATION COMPANY
JACK A 29J M COOPER
3N1224536E M 1-00

1567 160

SOUTHLAND ROYALTY COMPANY
MOULNORTHJ M COOPER
3N1224536E M 1-00

1567 160

TANCO ENERGY INC.
WILLIAM H HARRISON C MNJ M COOPER
3N1224536E M 1-00

1567 160

P. U. SUMMARY
IL3023537E M 1-50J M COOPER
3N1224536E M 1-00

1567 160

SHOLEX A 19
IL3023537E M 1-00J M COOPER
3N1224536E M 1-00

1567 160

TEMPO ENERGY INC.
TERRA FEDERALJ M COOPER
3N1224536E M 1-00

1567 160

TEXACO INCORPORATED
MEXICOJ M COOPER
3N1224536E M 1-00

1567 160

TEXACO PRODUCING CO.
E BLINBERRY A FEDERAL MCT 1 COMJ M COOPER
3N1224536E M 1-00

1567 160

A L CHRISTMAS
2D2623536E M 1-00J M COOPER
3N1224536E M 1-00

1567 160

COOPER JAL UNIT
2D2623536E M 1-00J M COOPER
3N1224536E M 1-00

1567 160

W H HARRISON
IL3023537E M 1-00J M COOPER
3N1224536E M 1-00

1567 160

KING C
IL3023537E M -50J M COOPER
3N1224536E M 1-00

1567 160

KING D
IL3023537E M 1-05J M COOPER
3N1224536E M 1-00

1567 160

E F KING
IL3023537E M 1-02J M COOPER
3N1224536E M 1-00

1567 160

P. U. SUMMARY
MEXICOJ M COOPER
3N1224536E M 1-00

1567 160

MEXICO G
IL3023537E M 1-00J M COOPER
3N1224536E M 1-00

1567 160

STATE T
IL3023537E M 1-00J M COOPER
3N1224536E M 1-00

1567 160

FEBRUARY 1990 SOUTHEAST GAS PRODUCTION SCHEDULE									
JALMAY TANSILL VT 7 RVR5 (PRO GAS)									
DESCRIPTION	STAT	AF	DEC	Q/P	DEC	Q/P	DEC	Q/P	DEC
US	US	SALES	Q/P	Q/P	Q/P	Q/P	Q/P	Q/P	Q/P
1M3223337E M 2.00		788							
113223337E M 2.00		873							
P. U. SUMMARY M 2.00		873							
ARMCO OIL & GAS COMPANY M 1.75		128							
113223337E M 1.75		91							
CATER EAVES NCT A 1.00		786							
IC 624437E M 1.00		2629							
A L CHRTSTMAS NCT A 2.00		2629							
113223337E M 2.00		1713							
FOWLER HAM M 2.25		11082							
113223337E M 2.25		11082							
J F ANDA NCT F 3.75		11087							
113223337E M 3.75		11087							
HARRY LEONARD NCT D 3.00		25361							
3223336E M 3.00		20719							
MANDA NCT C		691							
183223336E M .25		691							
M A SUMMARY M 1.6628		11322							
113223337E M 1.6628		25361							
P. U. SUMMARY M 3.00		480							
GREAT WESTERN DRILLING COMPANY		353							
203223337E M 1.00		353							
MERIDIAN OIL INCORPORATED		11804							
J F ANDA NCT G N 1.00		869							
262423336E M 1.00		58							
PEWCO OIL CORPORATION		58							
J C JOHNSON M 1.75		58							
402023337E M 1.75		338							
UNION TEXAS PETROLEUM CORPORATION		338							
STATE 43224337E M .75		338							
PIPELINE TOTAL		61261							
PHILLIPS PET AND GAS CO. OF N. M.		35720-							
CHARLES M. KEMP		3098							
2K1523336E M 1.00		3098							
PIPELINE TOTAL		3098							
TEXACO PRODUCING, INC.		160							
EURATEX CORP.		160							
2413022336E M 1.00		160							
DALLAS MCASLAND		935							
1J 622336E M 2.00		935							
YON CLOSSON		8922							
1J 622336E M 1.00		8922							
SANEDAN OIL CORPORATION		850							
HOUGHES FEDERAL		850							
3N1723337E M 1.00		662							
TEXACO PRODUCING CO.		662							
NEW MEXICO B STATE NCT 2		160							
301623336E M 1.00		160							
MINTERS C		160							
1J 725337E M 1.00		3329							
2413022336E M 1.00		3329							
113223337E M 1.50		14698							
P. U. SUMMARY M 1.50		14698							
PIPELINE TOTAL		14698							
X CEL GAS CO		1200							
HAL J. RASMUSSEN OPTR. INC.		4968							
113223337E M 2.00		1398							
B DAVIS ALC M .50		1398							
2N3423336E M 2.00		560							
113223337E M 2.00		6494							
P. U. SUMMARY M 2.00		5337							
STATE 157 E M 1.00		5337							
481423336E M 1.00		3810							
STATE A A C 1 M 1.00		8082							
13H1423336E M .50		3998							
15F1423336E M .50		4992							
29C1423336E M 3.00		703							
16A1423336E M 3.00		3656							
22N13223336E M .75		703							
P. U. SUMMARY M 3.00		7557							
33B1423336E M 2.00		11558							
33B1423336E M 2.00		2416							
33B1423336E M 1.50		240							
105H2323336E M 1.50		14796							
26C2323336E M 1.75		3176							
27F2323336E M 1.75		5575							
38M10233336E M 2.00		5187							
37F10233336E M 2.00		4589							
P. U. SUMMARY M 2.00		583							
39J1423336E M 1.50		349							
97H1423336E M 1.50		177321							
11M1423336E M 1.00		25098-							
12M1423336E M 1.00		33815							
13M1423336E M 1.00		1078							
14M1423336E M 1.00		8651							
15M1423336E M 1.00		12329							
16M1423336E M 1.00		684							
17M1423336E M 1.00		102							
18M1423336E M 1.00		3507							
19M1423336E M 1.00		8454							
PIPELINE TOTAL		152916							
POOL TOTAL		346-20							
JUSTIS GLORIETA (PRODUCED GAS)		800809							
EL PASO NATURAL GAS COMPANY		147103-							
AMERADA HESS CORPORATION		160							
STATE 113223337E M 1.00		160							
3A 225337E M 1.00		168							
ARCO OIL & GAS COMPANY		168							
EATON B L MN		168							
1E1225337E M 1.00		4968							
EARL S. BRUNO		320							
113223337E M 2.00		4968							

FEBRUARY 1990 SOUTHEAST GAS PRODUCTION SCHEDULE

DESCRIPTION	STAT	AF	DEC	SCH	EPG	PAGE	39	FEB	ACRE-	AGE
DESCRIPTION	STAT	AF	DEC	SCH	EPG	PAGE	39	FEB	ACRE-	AGE
CHEVRON U.S.A. INC					*****					
ARNOTT RAMSAY NCT F		2.00	277				320	277	320	
3D322537E M		2.00	4541		7299		320	8178	320	
LEANCY HENRIFFINGTON		2.00			*****					
7H132537E N		2.00			*****					
JOHN H HENDRIX CORP					*****					
1H232537E N		1.00			*****					
LANEXCO INC					*****					
JUSTIS BC FED. COM					*****					
3522					*****					
2H112537E(MMU)					*****					
3P112537E(MMU)					*****					
P. U. SUMMARY		2.00	4423		*****					
MERIDIAN OIL INCORPORATION					*****					
CARLSON FEDERAL		2.00	21		*****					
1F132537E M		2.00			*****					
CARLSON A FEDERAL		2.00	4493		*****					
1P232537E N		2.00			*****					
CARLSON B FEDERAL		2.00	16683		*****					
1K222537E N		2.00			*****					
LANGILLE FEDERAL		2.00			*****					
11142537E M		2.00			*****					
TEXACO INCORPORATED					*****					
G L ERWIN B FEDERAL NCT 2		2.00	5892		*****					
2J352537E N		2.00			*****					
C C FRIESTOE B FEDERAL NCT 2		2.00			*****					
8G352537E M		2.00	2876		*****					
TEXACO PRODUCING CO.					*****					
A B CAYTON FEDERAL		2.00	5007		*****					
1F242537E N		2.00			*****					
PIPELINE TOTAL		25.00	49355		*****					
POOL TOTAL		25.00	49355		*****					
MUMFORD MCKEE ELLENPROPRATED GAS)					*****					
EL PASO NATURAL GAS COMPANY					*****					
ARCO OIL & GAS COMPANY					*****					
J R PHILLIPS A		1.00	182		*****					
9M311937E M		1.00			*****					
PIPELINE TOTAL		1.00	182		*****					
CHEVRON U.S.A. & EL PASO NATURAL					*****					
CHEVRON U.S.A. INC					*****					
G C MATTHEWS		1.00			*****					
61 620337E M		1.00			*****					
PIPELINE TOTAL		1.00			*****					
NORTHERN NATURAL GAS COMPANY					*****					
AMERADA HESS CORPORATION					*****					
L M LAMBERT		1.00	160		*****					
2B 620337E M		1.00			*****					
J R PHILLIPS A		1.00	4214		*****					
SA 120337E N		1.00			*****					
PIPELINE TOTAL		2.00	4374		*****					
WARREN PETROLEUM CORPORATION					*****					
TEXACO PRODUCING CO.					*****					
J R PHILLIPS A		1.00	16820		*****					
11D 620337E M		1.00			*****					
ORDERING TOTAL		1.00	16820		*****					
POOL TOTAL		5.00	21376		*****					

U FEBRUARY 1990 SOUTHEAST GAS PRODUCTION SCHEDULE

DESCRIPTION	STAT	AF	DEC	SCH	EPG	PAGE	39	FEB	ACRE-	AGE
DESCRIPTION	STAT	AF	DEC	SCH	EPG	PAGE	39	FEB	ACRE-	AGE
MONUMENT MCKEE ELLENPROPRATED GAS)					*****					
EL PASO NATURAL GAS COMPANY					*****					
PARKWAY ATOKA, WEST (PROPRATED GAS)					*****					
GENERAL PRODUCING CO.					*****					
PARKWAY WEST UNIT					*****					
3K291937E M		1.00	2126		*****					
9G211937E M		1.00	285		*****					
10G271937E M		1.00	139		*****					
PIPELINE TOTAL		3.00	2550		*****					
POOL TOTAL		3.00	2550		*****					
TUBB (PROPRATED GAS)					*****					
EL PASO NATURAL GAS COMPANY					*****					
AMERICAN EXPLORATION CO.					*****					
4L 122537E(MMU)			7318		*****					
5H 122537E(MMU)			292		*****					
P. U. SUMMARY		1.00	7610		*****					
CONOCO INC					*****					
ELLJOFF B 15 COM AC 1					*****					
31152537E M		1.00	3825		*****					
HANK B 1		1.00	299		*****					
7P 921537E M		1.00			*****					
8B 921537E M		1.00			*****					
LOWMAN 211537E M		1.00	288		*****					
10G271937E M		1.00	2074		*****					
12D211537E M		1.00			*****					
LOCKHART B 35					*****					
1G3521537E N		1.00	7541		*****					
M E WATZ					*****					
9J2121537E M		1.00	1992		*****					
EXXON CORPORATION					*****					
J L GREENWOOD					*****					
NEW MEXICO		1.00	929		*****					
13B 212537E M		1.00	3500		*****					
20E 222537E M		1.00	94		*****					
23E 222537E M		1.00	7091		*****					
NEW MEXICO V STATE					*****					
5M1021537E M		.75			*****					
TUBB GAS COM					*****					
101021537E M		1.00	140		*****					
JOHN H HENDRIX COMP					*****					
1D 322537E M		.49	166		*****					
EVA OMENS A					*****					
1M2521537E M		.75	520		*****					
PARK 411422537E N		1.00	11642		*****					
MARATHON OIL COMPANY					*****					
J L MURPHY					*****					
1P2422537E M		1.00	1845		*****					
2K2422537E M		1.00	5422		*****					
612422537E M		1.00	12100		*****					
MORANCO					*****					
1E1421537E M		1.00			*****					
PHILLIPS PETROLEUM COMPANY					*****					
ORDERING TOTAL		1.00			*****					
POOL TOTAL		5.00	21376		*****					

[illegible]

FEBRUARY 1990 SOUTHEAST GAS PRORATION SCHEDULE

DESCRIPTION	STAT	AF	DEC	O/P	NNW	DEC	FEB	ACRE-
US	US	SALES	LTM		O/U		ALLOC	AGE
PIPELINE TOTAL	1-00	416					416	160

TEXACO PRODUCING, INC.								

GRYX ENERGY CO.					*****			
ELL 1011 A								
2H2121S37E	M	-50						80
STATE LAND 15								160
4P1621S37E	M	1-00			*****			
SHELL WESTERN E & P INC.								
NORTHWEST DRINKARD UNIT								160
RINEKAZ 1	M	1-00						120
4C 422S37E	M	.75	3515		*****		3515	
TEXACO INCORPORATED					*****			
BAKER B								
7J1022S37E	N	1-50	237			65636	13389	240
A H BLINBERRY FEDERAL NCT 1							6553	160
1Q1922S38E	M	1-00	6553					128
A H BLINBERRY FEDERAL NCT 1 BATTERY 3								160
16B1152S38E	M	1-00						
A H BLINBERRY FEDERAL NCT 3								
1D312S38E	M	1-00			*****			
TEXACO PRODUCING CO.					*****			
S J SAKKEYS							8926	160
1E2621S37E	N	1-00					32383	1368
PIPELINE TOTAL	8-55	10305				65636		

WARREN PETROLEUM CORPORATION								

ARCO OIL & GAS COMPANY					*****			
A H YORK							1942	80
1H2021S37E	M	-50	1942		*****			
EXXON CORPORATION								
N C PEMROSE								
18132S37E (MMU)			2026					
2H132S37E (MMU)			1299					
4A132S37E (MMU)			1037					
P. U. SUMMARY	M	1-00	4362		*****		4362	160
JOHN H HENDRIX CORP								
WESTERN FEDERAL								180
1D 523S38E	M	1-13					6304	420
PIPELINE TOTAL	2-63	6304					358533	13910
POOL TOTAL	86-94	310801				163907-		

SUMMARY OF F1 FACTORS - SOUTHEAST NEW MEXICO TO 12/31/89

POOL	JAN 89	FEB 89	MAR 89	APR 89	MAY 89	JUN 89	JUL 89	AUG 89	SEP 89	OCT 89	NOV 89	DEC 89	AVG
ATOKA PENN	12673	6450	4191	6013	7136	8152	5430	9384	8299	10189	7440	7087	7704
BLINEBRY	9893	17161	10008	12343	11098	22500	19295	9357	12614	22308	20797	20444	15651
BUFF VALLEY	29934	34362	20518	19152	26887	19911	19664	20370	29816	37891	26666	27778	26079
BURTON FLT MOR	8560	7986	9551	9173	11511	6267	6815	8237	8139	23295	22637	15499	11473
BURTON FLT STRN	37547	17890	6717	5171	17615	8621	6157	13039	7987	11774	20752	27364	15053
SOUTH CARLSBAD	22018	19772	15194	13881	22898	30022	46708	28727	24149	46295	47380	25593	28553
CATCLAW DRAW	19531	10928	11917	5206	23813	3534	27836	6749	20982	53397	18802	14839	18128
EUMONT	10215	12068	5885	6700	6354	8831	9166	9263	8516	11622	9210	8942	8898
IND BASIN MOR	38904	63733	42560	36237	50943	56805	67313	53742	46464	33210	49887	43145	48579
IND BASIN U.P.	166307	166803	151306	106961	110647	104159	103357	94858	142495	138848	130412	118212	127864
JALMAT	10086	18409	6622	6665	9006	4412	6931	3529	5467	5173	5523	6837	7388
JUSTIS	2378	2162	1235	1416	869	869	1127	2324	1800	2060	2545	3567	1854
MONT MK ELL	11425	3678	4044	1489	1762	2094	2200	3356	4500	8384	4966	7753	4639
TUDB	5288	6865	2385	6001	5986	7398	9633	5977	7036	7045	7878	9022	6759

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BURTON FLAT MORROW UNPRORATED

WELLS	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JAN 91	FEB 91	MAR 91	TOTAL	NON-MARG	MARGINAL	% TOTAL
01-A-12-21S-26E 90M											91J	F	M				
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
F1	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792				
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792				
PROD	44932	39362	41213	37521	31412	34752	33276	21882	36423	27209	30993	26834	28723	389600			14.80%
STATUS	-101104	-127454	-158759	-183780	-195672	-207412	-208642	-201802	-212655	-218059	-194040	-165469	-141400				
01-I-16-21S-27E																	
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792				
PROD	0	3986	23385	28125	51098	36945	33276	38511	40687	33339	31471	29114	31942	381879			14.50%
STATUS	M	M	M	M	M	-65587	-66817	-76606	-91723	-103257	-79716	-53425	-32575				
05-L-01-21S-26S																	
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792				
PROD	0	0	0	9500	9552	0	0	11340	40061	31170	29322	25241	28350	184536			7.01%
STATUS	-48885	-35873	-25965	-22965	-12997	10015	42061	59443	44952	35587	61277	91441	115883				
1-C-01-21S-26E																	
ACREAGE	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88			
ALLOW	13583	11451	8719	11000	17178	20251	28200	25275	22502	19188	48411	48756	46457				
PROD	50	0	19	10563	9976	0	0	11105	49419	52819	49395	41599	36	224931			8.54%
STATUS	-82668	-71217	-62517	-62080	-54879	-34628	-6428	7743	-19175	-52805	-53790	-46632	-211				
1-J-35-20S-27E																	
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792				
PROD	23	9785	9558	8254	8351	6382	6193	6581	7062	7838	6905	6546	0	83455			
STATUS	82857	86084	86434	90680	101849	118479	M	M	M	M	M	M	M				
2-K-35-20S-27E																	
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792				
PROD	0	13705	13611	12991	13359	11524	10528	10927	11264	15914	13225	11429	0	138477			
STATUS	19108	18415	14712	14221	20382	31870	M	M	M	M	M	M	M				
1-K-28-21S-27E																	
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792				
PROD	17235	15104	18662	16493	14786	18225	17625	16035	16959	16095	15958	14737	17441	198120			
STATUS	16381	14289	5535	1542	6276	11063	25484	38171	46782	M	M	M	M				
3-N-20-21S-27E																	
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792				
PROD	13515	11592	13830	14205	13120	16509	15932	13323	11198	13867	15529	11909	16880	167894			
STATUS	18450	19870	15948	14243	20643	27146	43260	58659	73031	M	M	M	M				
4-C-34-21S-27E																	
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792				

PROD	20288	15982	18729	20145	17131	20716	16264	14711	12463	15426	15204	13323	18036	198130	7.53%
STATUS	-41602	-44572	-53393	-61038	-58649	-56353	-40571	-26560	-13453	-7074	32734	74816	109572		
3-H-21-21S-27E															
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792		
PROD	0	26719	10918	23338	22091	17501	16273	4154	3725	2790	3026	3500	3844	137879	5.24%
STATUS	-63656	-77363	-78373	-89211	-91782	-86271	-70498	-45930	-24085	-5070	46916	98821	147769		
3-V-03-21S-27E															
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792		
PROD	20347	22090	20729	14203	24312	23445	21372	4203	22322	22063	23474	33285	8049	239547	9.10%
STATUS	-4912	-13990	-24811	-26514	-31306	-31739	-21065	3454	6702	6444	37982	88079	132822		
1-N-08-20S-28E															
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792		
PROD	6741	10115	6565	6676	6087	6128	5384		5304	4763	6131	5308	6120	68581	
STATUS	50872	53769	57112	62936	76369	93253	M	M		M	M	M	M		
01-K-23-20S-28E															
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792		
PROD	0	33005	39354	37417	29769	62707	6519		85	1204	3263	2019	2918	218260	
STATUS	M	-19993	-49439	-74356	-84605	-124300	-98773	-70051	-44566	-23965	27784	81170	131044		
1-P-19-21S-27E															
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792		
PROD	0	14486	0	33133	0	0	0	0	0	0	0	0	0	47619	
STATUS	30309	28835	38743	18110	37630	60642	92688	121410	146980	M	M	M	M		
5-E-11-20S-28E															
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792		
PROD	0	32957	39198	37305	29760	21189	6177	697	85	530	16896	16358	14896	216048	
STATUS	0	-29921	-59211	-84016	-94256	-92433	-66564	-38539	-13054	M	M	M	M		
1-N-22-22S-28E															
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792		
PROD	0	42020	60767	57156	35172	62614	75152	73190	68709	60646	48339	42466	37429	663660	25.21%
STATUS	-35424	-50859	-79867	-124523	-140175	-179777	-222883	-267351	-310490	-349331	-342658	-329719	-314356		
1-C-31-20S-28E															
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792		
PROD	17934	19555	0	0	16222	16584	17414	19243	17596	15510	17595	15390	15888	170997	
STATUS	28439	21896	31804	44304	47602	54030	68662	78141	86115	M	M	M	M		
2-F-10-21S-27E															
ACREAGE	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		
ALLOW	15435	13012	9908	12500	19520	23012	32046	28722	25570	21805	55012	55405	52792		
PROD	4900	7208	0	5076	9241	9788	8189	5165	4519	5243	6889	7423	4629	73370	

[illegible]

