

**TAMARACK PETROLEUM COMPANY
500 WEST TEXAS, SUITE 1485
MIDLAND, TEXAS**

**HEARING EXHIBITS
CASE # 11378
LEASE COMMINGLING BY WELL TEST
SAUNDERS PERMO PENNSYLVANIAN POOL
LEA COUNTY, NEW MEXICO**

**EXHIBITS PREPARED BY:
HAL GILL
DISTRICT ENGINEER
TAMARACK PETROLEUM COMPANY**

Oil Conservation Division

COMMINGLING ORDER CTB-411

Tamrack Petroleum Company, Inc.
500 West Texas, Suite 1485
Midland, Texas 79701

Attention: T. Wayne Green

The above named company is hereby authorized to commingle Saunders Permo Upper Penn Pool production from the following wells:

Lease: Lion State Well No.1
Description: NW/4 SE/4, and;

Lease: Lion State 'A' Well No.2
Description: SE/4 SE/4, and;

Lease: Saunders State Well Nos.1 and 3
Description: SE/4 SW/4 and SW/4 SE/4,

all in Section 9, Township 14 South, Range 33 East, and;

Lease: Saunders State Well No.2
Description: SW/4 NW/4,

in Section 9, Township 14 South, Range 33 East, Lea County, New Mexico.

Production shall be allocated to each well by separately metering the production from each lease prior to commingling.

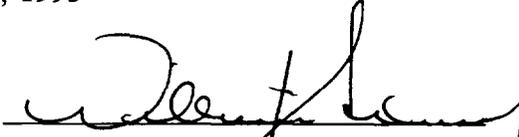
NOTE: This installation shall be installed and operated in accordance with the applicable provisions of Rule 303 of the Division Rules and Regulations and the Division "Manual for the Installation and Operation of Commingling Facilities." It is the responsibility of the producer to notify the transporter of this commingling authority.

FURTHER: The operator shall notify the Hobbs district office upon implementation of the commingling process.

REMARKS: Commingled production shall be stored in the Saunders and Lion State tank battery facility located in Unit ~~P~~_J, Section 9, Township 14 South, Range 33 East, NMPM, Lea County, New Mexico.

Commingling Order CTB-411
Tamarck Petroleum Company, Inc.
July 24, 1995
Page 2

DONE at Santa Fe, New Mexico, on this 24th day of July, 1995

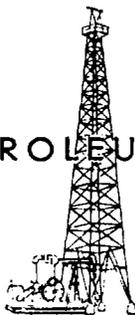


WILLIAM J. LEMAY,
Division Director

WJL/BES

cc: Oil Conservation Division - Hobbs

TAMARACK PETROLEUM COMPANY, INC.



500 WEST TEXAS, SUITE 1485
MIDLAND, TEXAS 79701

TELEPHONE: 915/683-5474
FACSIMILE: 915/683-7306

June 20, 1995

"Interest Owners"

Re: Surface Commingling
Lion State, Lion State -A- & Saunders State

Dear Sir or Madam:

Tamarack Petroleum Company, Inc. is seeking permission from the New Mexico Oil Conservation Division to surface commingle production from the above referenced leases.

Tamarack proposes to tie the Lion State No. 1 and Lion State -A- No. 2 into the Saunders State battery. The Lion State and Lion State -A- battery is in need of repair. If Tamarack receives permission from the NMOCD, five wells will be serviced by one battery instead of five wells being serviced by two batteries. Consolidation of batteries will allow the Lion State, Lion State -A- and Saunders State wells to produce economically and reduce operating costs, such that it will extend the life of these leases and increase ultimate recovery from these properties.

If you concur with surface commingling these leases into one central battery and the allocation of production and distribution of sales revenue by a 24 hour test taken monthly, please sign at the bottom and return to Tamarack Petroleum Co., Inc.

Sincerely,

T. Wayne Green
Production Agent

APPROVED:

Name: _____

By: _____

Date: _____

**Tamarack Petroleum Company
Lion State, Lion State "A", & Saunders State Leases
Saunders Permo Upper Penn Field
Lea County, New Mexico**

MONTHLY WELL TEST HISTORY: 1995

	Lion State #1			Lion State "A" #2			Saunders St. #2			Saunders St. #3	
	BOPD	BWPD		BOPD	BWPD		BOPD	BWPD		BOPD	BWPD
Jan	8	8		6	8		6	7		8	10
Feb	8	10		5	8		5	8		6	9
Mar	3	36		5	9		4	10		5	8
Apr	4	38		5	8		4	8		5	8
May	8	12		6	9		4	8		4	9
Jun	8	11		6	8		4	6		4	7
Jul	7	11		5	8		5	8		4	6
Aug	7	12		5	8		4	8		4	8
Sep	6	9		5	8		4	8		4	10

Tamarack Petroleum Company
Lion State, Lion State "A" Leases
Saunders Permo Upper Penn Field
Lea County, New Mexico

Production History May 1994 - June 1995

LEASE: LION STATE		01-J-09-14S-33E					
MONTH	OIL PROD	OIL RUNS	GAS PROD	WATER	GRAVITY	OIL PRICE	GAS PRICE
MAY'94	83	81	264	1168	40.8	\$17.25	\$1.50
JUN	176	183	700	1107	40.3	\$18.00	\$1.56
JUL	188	189	800	211	39.2	\$17.98	\$1.56
AUG	274	246	784	267	39.8	\$15.98	\$1.56
SEP	275	280	925	298	40.0	\$16.00	\$1.58
OCT	295	0	944	326	40.0	\$0.00	\$1.55
NOV	275	306	941	290	40.7	\$16.50	\$1.29
DEC	277	103	933	286	41.1	\$15.25	\$1.31
JAN '95	210	262	832	265	41.3	\$17.00	\$1.31
FEB	113	0	706	165	40.0	\$0.00	\$1.18
MAR	89	146	552	1105	41.2	\$17.25	\$1.20
APR	131	0	1048	957	40.0	\$0.00	\$1.21
MAY	238	225	1348	403	40.5	\$19.02	\$1.18
JUN	220	317	1151	341	40.4	\$17.63	\$1.18
JUL	215	209	1151	360	39.6	\$16.40	\$1.05

LEASE: LION STATE -A-		02-P-09-14S-33E					
MONTH	OIL PROD	OIL RUNS	GAS PROD	WATER	GRAVITY	OIL PRICE	GAS PRICE
MAY'94	98	132	446	229	40.8	\$17.25	\$1.50
JUN	109	0	533	165	40.3	\$18.00	\$1.56
JUL	107	143	548	164	39.2	\$17.98	\$1.56
AUG	189	205	701	325	39.8	\$15.98	\$1.56
SEP	178	0	726	270	40.0	\$16.00	\$1.58
OCT	153	170	463	334	40.0	\$0.00	\$1.55
NOV	18	170	159	371	40.7	\$16.50	\$1.29
DEC	171	191	229	333	41.1	\$15.25	\$1.31
JAN '95	182	0	81	263	41.3	\$17.00	\$1.31
FEB	135	206	564	216	40.0	\$0.00	\$1.18
MAR	118	132	606	233	41.2	\$17.25	\$1.20
APR	120	0	765	242	40.0	\$0.00	\$1.21
MAY	157	148	887	282	40.5	\$19.02	\$1.18
JUN	163	235	855	227	40.4	\$17.63	\$1.18
JUL	156	152	838	233	39.6	\$16.40	\$1.05

Tamarack Petroleum Company
Saunders State Lease
Saunders Permo Upper Penn Field
Lea County, New Mexico

Production History May 1994 - June 1995

LEASE: SAUNDERS STATE		01-N-09-14S-33E					
MONTH	OIL PROD	OIL RUNS	GAS PROD	WATER	GRAVITY	OIL PRICE	GAS PRICE
WELL SHUT-IN							

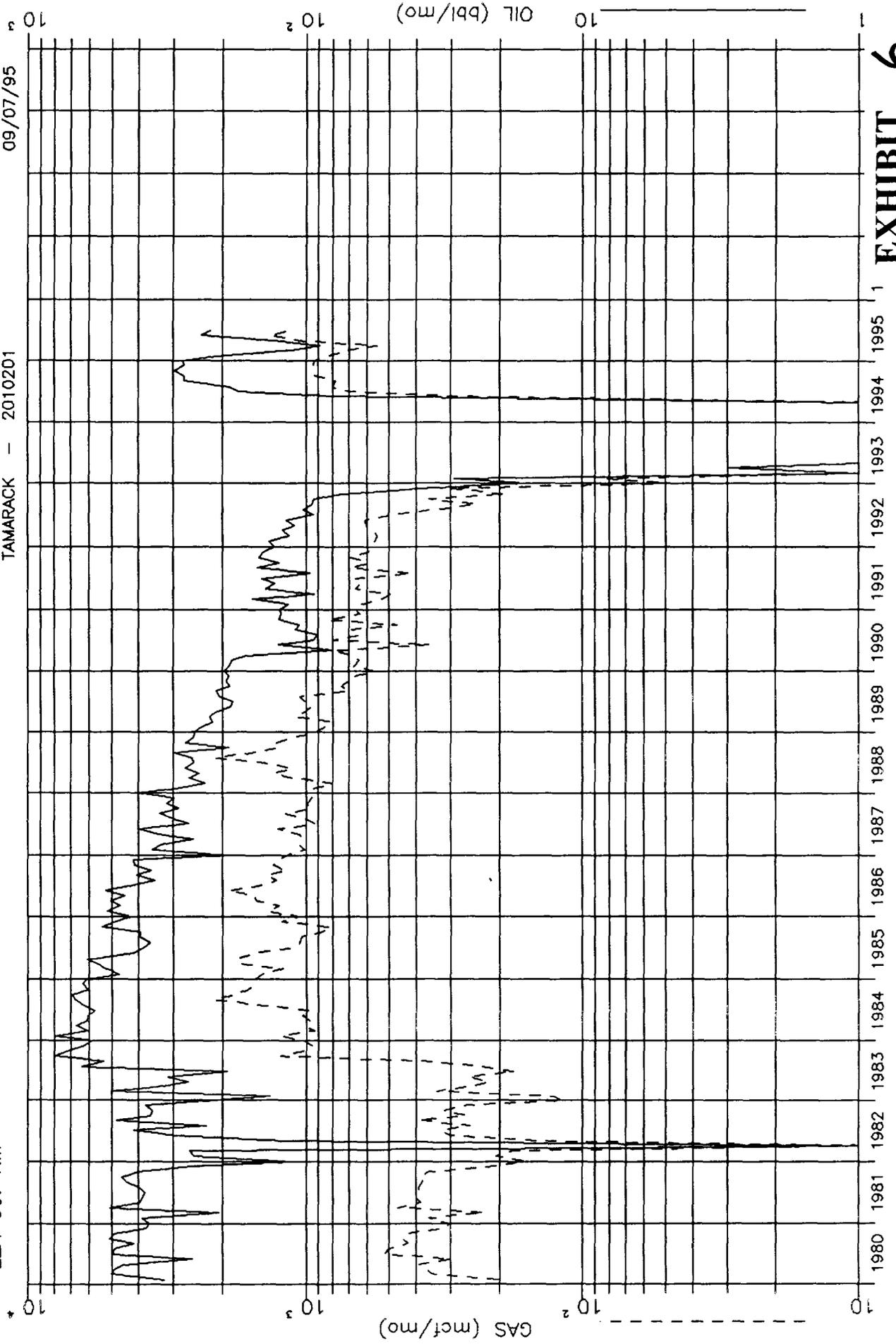
LEASE: SAUNDERS STATE		02-E-16-14S-33E					
MONTH	OIL PROD	OIL RUNS	GAS PROD	WATER	GRAVITY	OIL PRICE	GAS PRICE
MAY'94	98	132	445	229	41.4	\$18.10	\$1.35
JUN	109	0	532	165	40.4	\$0.00	\$1.33
JUL	107	143	547	164	40.3	\$19.35	\$1.33
AUG	189	205	700	325	40.4	\$16.60	\$1.35
SEP	178	0	725	270	40.3	\$0.00	\$1.35
OCT	153	170	462	334	41.0	\$17.10	\$1.32
NOV	168	170	158	371	41.1	\$16.35	\$1.29
DEC	171	191	228	333	41.7	\$16.85	\$1.36
JAN '95	182	0	80	263	41.3	\$0.00	\$1.31
FEB	135	206	563	216	41.7	\$17.35	\$1.31
MAR	118	132	605	233	41.6	\$17.85	\$1.18
APR	120	0	764	242	41.0	\$0.00	\$1.21
MAY	118	179	643	264	41.1	\$19.03	\$1.65
JUN	112	178	592	178	41.0	\$17.40	\$1.67
JUL	79	68	454	204	39.0	\$16.40	\$1.51

LEASE: SAUNDERS STATE		03-O-09-14S-33E					
MONTH	OIL PROD	OIL RUNS	GAS PROD	WATER	GRAVITY	OIL PRICE	GAS PRICE
MAY'94	239	322	1086	481	41.4	\$18.10	\$1.35
JUN	215	0	1051	510	40.4	\$0.00	\$1.33
JUL	202	271	1033	262	40.3	\$19.35	\$1.33
AUG	230	249	854	264	40.4	\$16.60	\$1.35
SEP	177	0	726	384	40.3	\$0.00	\$1.35
OCT	276	307	832	307	41.0	\$17.10	\$1.32
NOV	237	240	224	273	41.1	\$16.35	\$1.29
DEC	242	270	322	244	41.7	\$16.85	\$1.36
JAN '95	219	0	96	267	41.3	\$0.00	\$1.31
FEB	162	248	678	236	41.7	\$17.35	\$1.31
MAR	152	170	780	255	41.6	\$17.85	\$1.18
APR	131	0	840	261	41.0	\$0.00	\$1.21
MAY	126	193	691	323	41.1	\$19.03	\$1.65
JUN	123	197	654	229	41.0	\$17.40	\$1.67
JUL	127	110	732	229	39.0	\$16.40	\$1.51

LION STATE 001

TAMARACK PETROLEUM CO. INC.
SAUNDERS PERMO UPPER PENN
LEA Co. NM

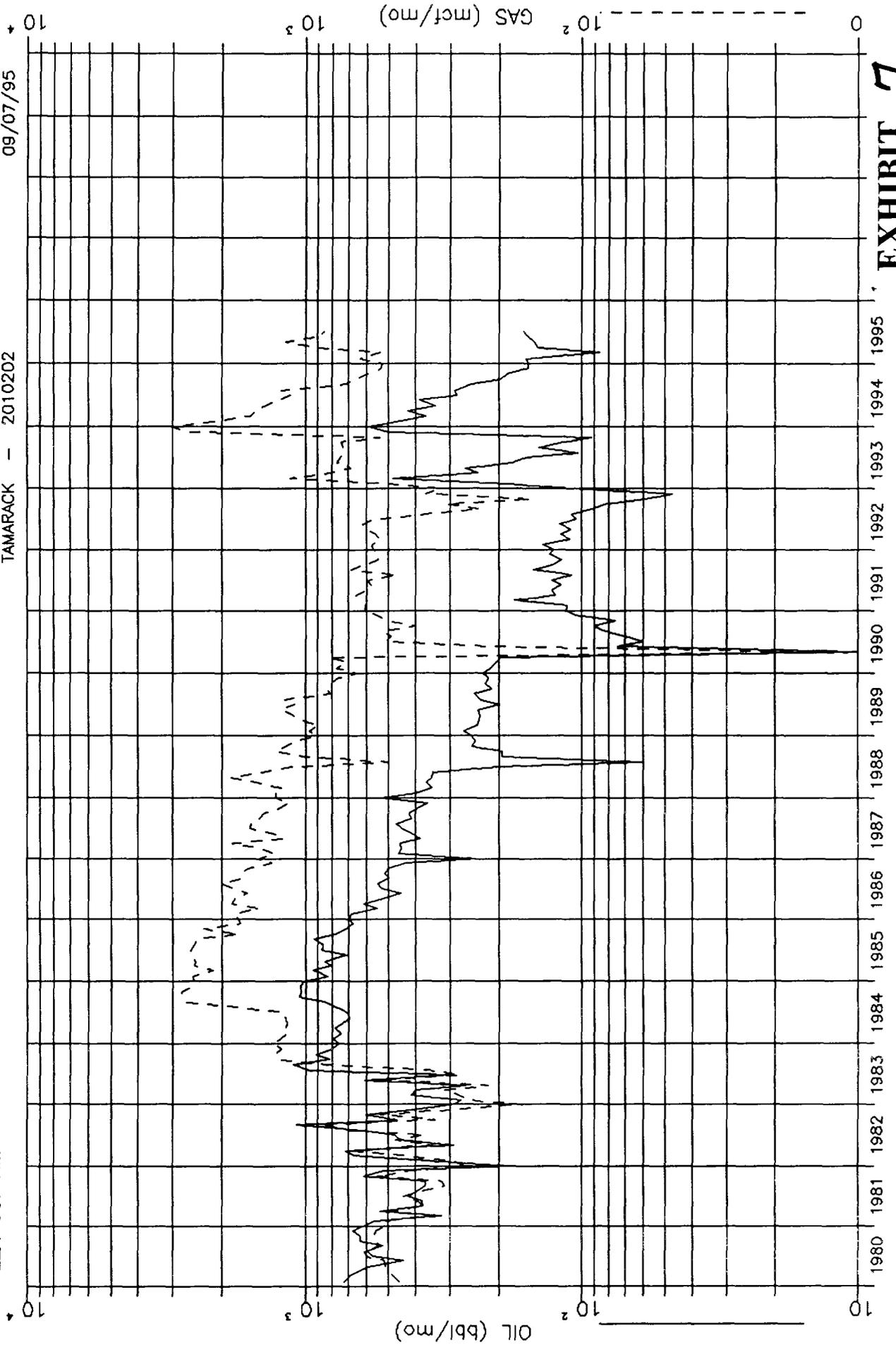
CUM OIL = 243,000 MB THROUGH 06/95
CUM GAS = 257,471 MMCF THROUGH 06/95
TAMARACK - 2010201
09/07/95



LION STATE -A- 002

TAMARACK PETROLEUM CO. INC.
SAUNDERS PERMO UPPER PENN
LEA Co. NM

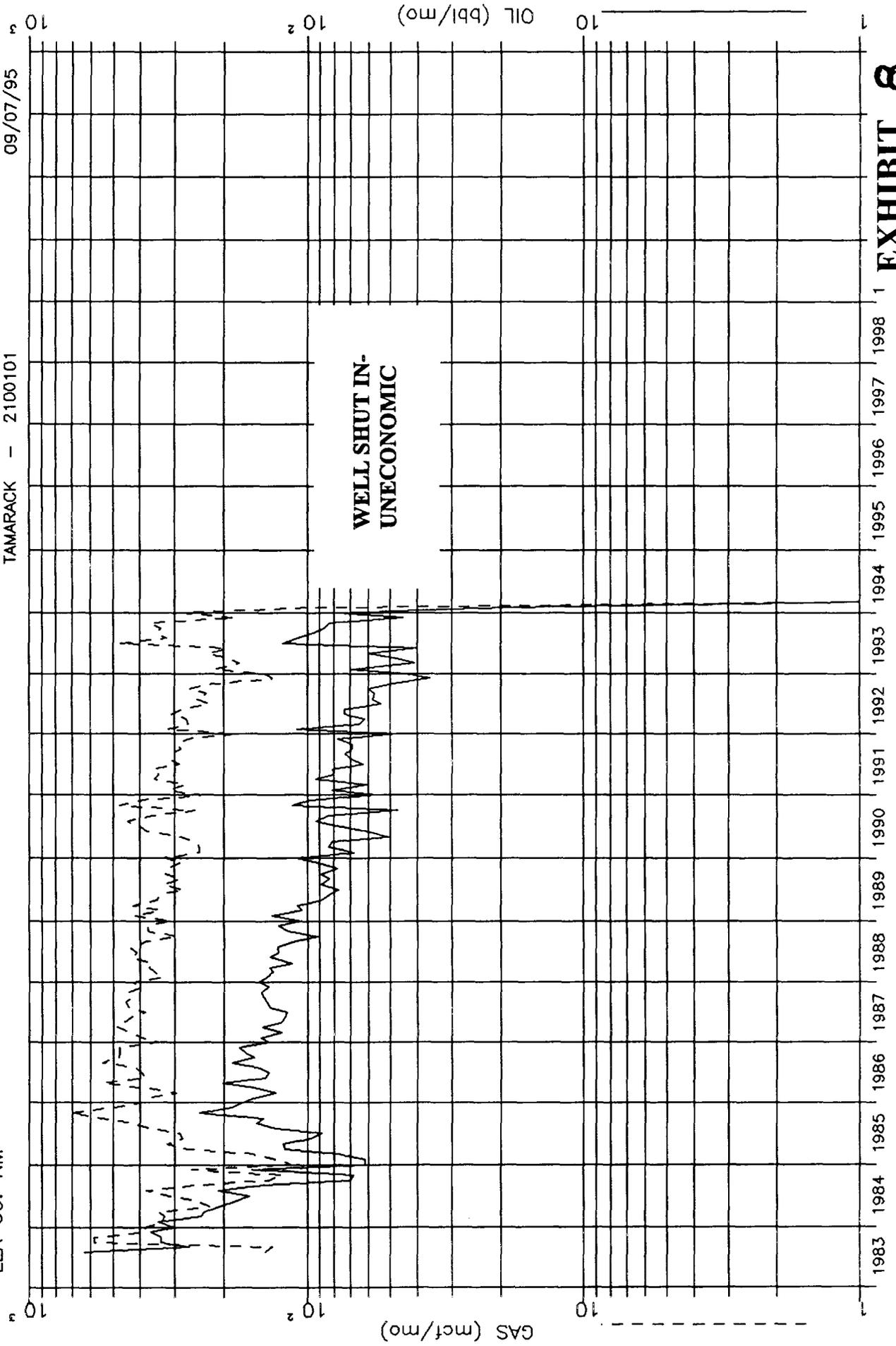
CUM OIL = 338.043 MB THROUGH 06/95
CUM GAS = 408.899 MMCF THROUGH 06/95
TAMARACK - 2010202 09/07/95



SAUNDERS STATE 1

TAMARACK PETROLEUM CO. INC.
SAUNDERS PERMO UPPER PENN
LEA Co. NM

CUM OIL = 15.349 MB THROUGH 06/95
CUM GAS = 41.797 MMCF THROUGH 06/95
TAMARACK - 2100101

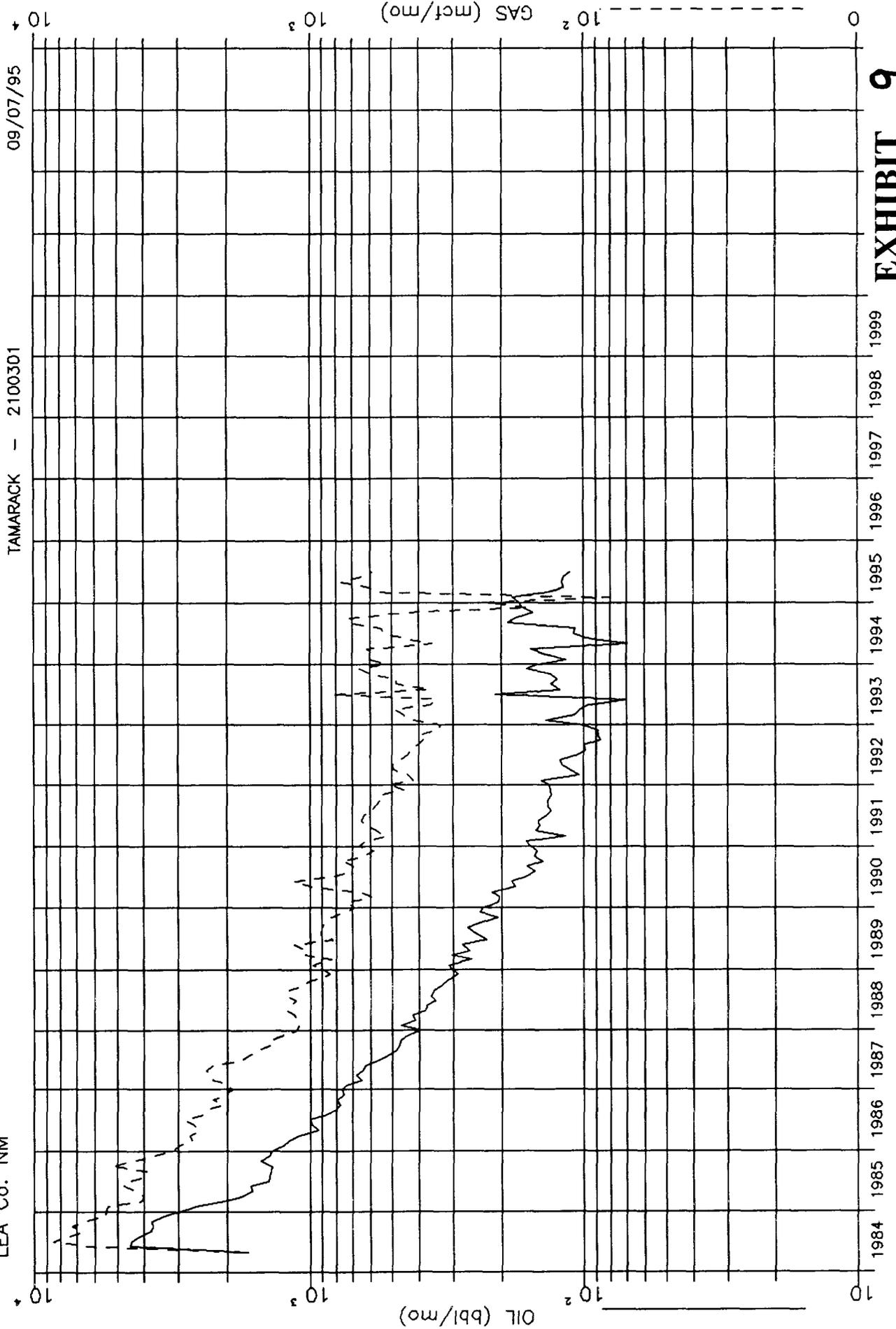


SAUNDERS STATE 2

TAMARACK PETROLEUM CO. INC.
SAUNDERS PERMO UPPER PENN
LEA Co. NM

CUM OIL = 85.974 MB THROUGH 06/95
CUM GAS = 217.069 MMCF THROUGH 06/95

TAMARACK - 2100301



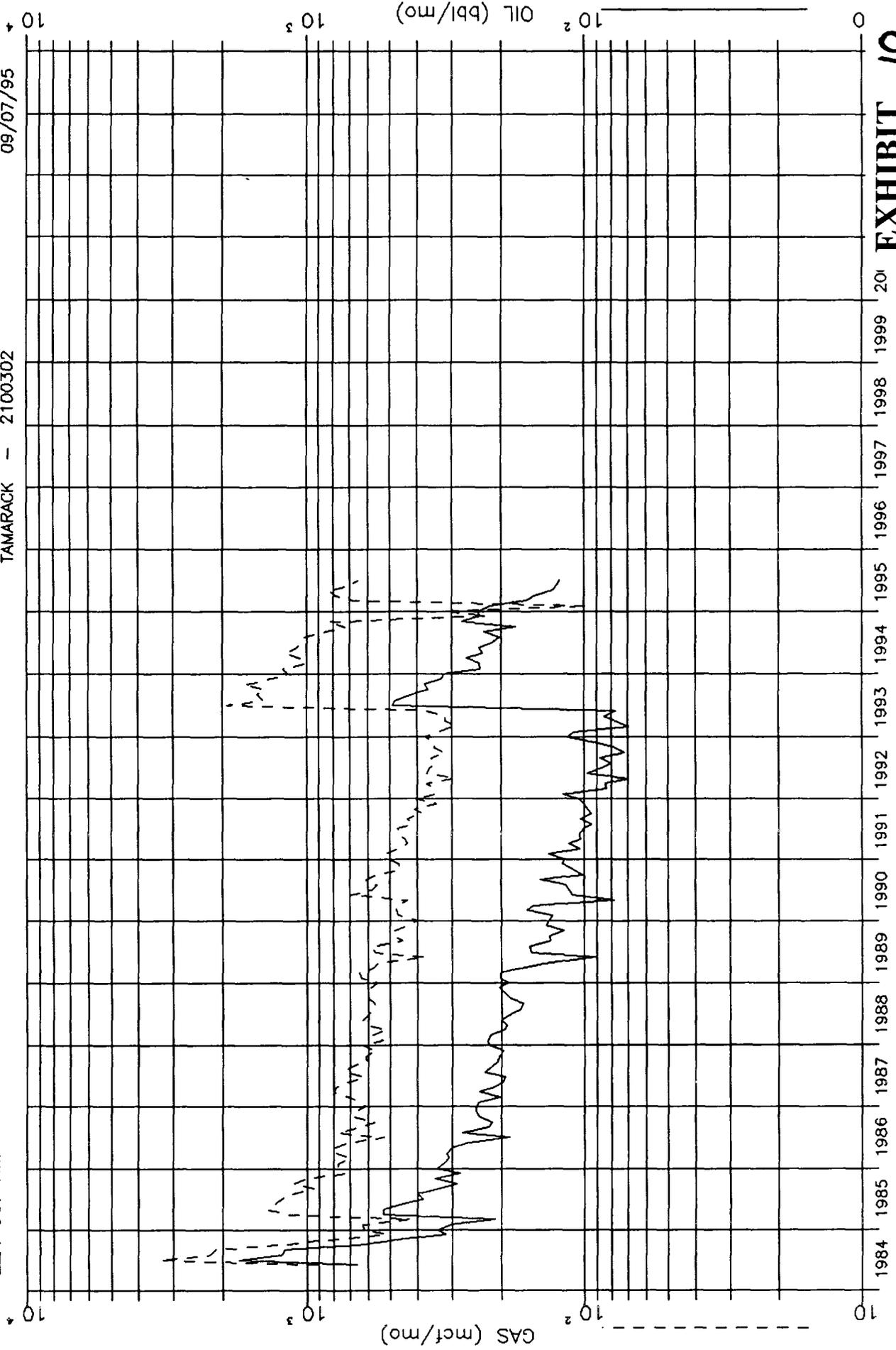
SAUNDERS STATE 3

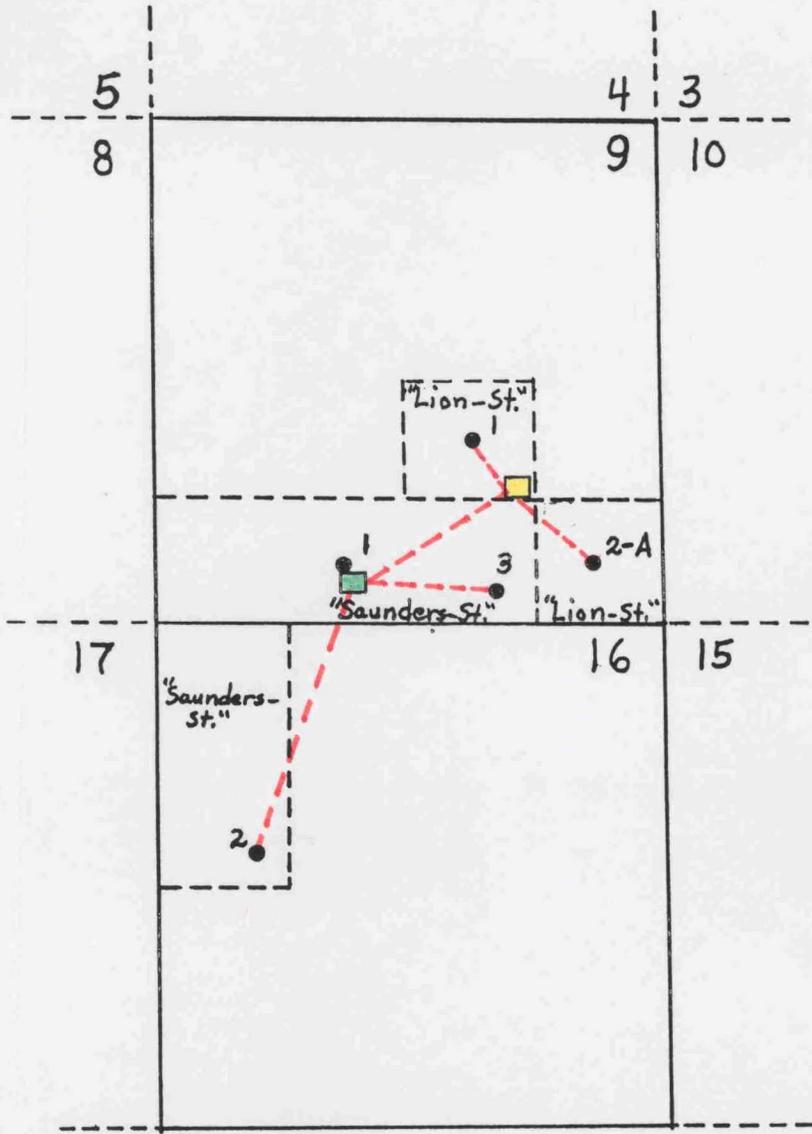
TAMARACK PETROLEUM CO. INC
SAUNDERS PERMO UPPER PENN
LEA Co. NM

CUM OIL = 31,305 MB THROUGH 06/95
CUM GAS = 94,650 MMCF THROUGH 06/95

TAMARACK - 2100302

09/07/95





LEGEND

- PROPOSED COMMINGLED BATTERY (LION-STATE)
- BATTERY TO BE ABANDONED & DISMANTLED (SAUNDERS-STATE)
- EXISTING FLOW LINES

TAMARACK PETROLEUM COMPANY, INC.

SAUNDERS STATE & LION STATE LEASES
SAUNDERS PERMO UPPER PENN FIELD
T-14-S, R-33-E
LEA COUNTY, TEXAS

PROPOSED COMMINGLING

SCALE: 1"=2000' DATE: 9-12-95

**Tamarack Petroleum Company
Lion State, Lion State "A", Saunders State leases
Saunders Permo Upper Penn Field
Lea County, New Mexico**

Estimated Cost to Consolidate to a Commingled Battery and Install Metering Equipment (using metering equipment for allocation):

<u>Item</u>	<u>Estimated Cost</u>
3 - One barrel metering pots @ \$1500/ea.	\$4,500
Move Saunders tanks to Lion State battery & set	2,000
Repair heater treater	1,500
Move two heater treaters	1,000
Connections & fittings	4,500
Labor	2,000
Supervision: 4 days	2,000
Miscellaneous & Contingencies	<u>1,500</u>
Total Estimated Cost	\$19,000

Estimated Cost to Consolidate to a Commingled Battery (using monthly well tests for allocation):

<u>Item</u>	<u>Estimated Cost</u>
Move Saunders tanks to Lion State battery & set	\$2,000
Connections & fittings	2,500
Labor	800
Supervision	500
Miscellaneous & Contingencies	<u>500</u>
Total Estimated Cost	\$6,300

Note: Estimated cost to upgrade both batteries to acceptable condition to continue use was more than \$20,000, and could not be justified. This was the reason for the application to commingle in the first place, which was granted with the provision of the metering requirement. The purpose of this hearing is to get permission to allocate using well tests in lieu of metering equipment in order to be able to continue producing at economic levels.

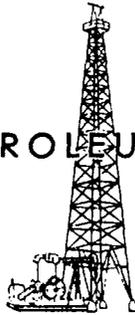
**Tamarack Petroleum Company
Lion State & Lion State "A"
Saunders Permo Upper Penn Field
Lea County, New Mexico**

DIVISION OF INTEREST LION STATE & LION STATE "A"					
OWNER NAME AND ADDRESS	DECIMAL REVENUE INTEREST	TYPE OF OWNER	COMMINGLE BY WELL TEST ALLOCATION?		COMMENTS
			INTEREST APPROVED	INTEREST DISAPPROVED	
STATE OF NEW MEXICO P. O. Box 1148 Santa Fe, New Mexico 87504	0.1250000	ROYALTY	0.1250000		
B. W. CHRONISTER 9722 Losa Dallas, Texas 75218	0.0083333	ROYALTY	0.0083333		
J. L. EVERSON 1400 Country Club St. Midland, Texas 79701	0.0083333	ROYALTY	0.0083333		
MARILYN NABER MORDEN EXEX EST. EST. A. D. MORDEN, JR. 5631 Tipperary Lincoln, Nebraska 68512	0.0083333	ROYALTY	0.0083333		
ESTATE OF ARTHUR D. BRAGG c/o Tamarack Petroleum Co., Inc. 777 E. Wisconsin Ave. - Suite 1920 Milwaukee, Wisconsin 53202	0.0187500	WORKING INTEREST OWNER	0.0187500		
TAMARACK PETROLEUM COMPANY, INC. 777 E. Wisconsin Ave. - Suite 1920 Milwaukee, Wisconsin 53202	0.8312501	WORKING INTEREST (OPERATOR)	0.8312501		
TOTAL	1.0000000		1.0000000	0.0000000	

**Tamarack Petroleum Company
Saunders State Lease
Saunders Permo Upper Penn Field
Lea County, New Mexico**

DIVISION OF INTEREST SAUNDERS STATE LEASE					
OWNER NAME AND ADDRESS	DECIMAL REVENUE INTEREST	TYPE OF OWNER	COMMINGLE BY WELL TEST ALLOCATION?		COMMENTS
			INTEREST APPROVED	INTEREST DISAPPROVED	
STATE OF NEW MEXICO P. O. Box 1148 Santa Fe, New Mexico 87504	0.1250000	ROYALTY	0.1250000		
THE ROBERT B. TRAINER, 1973 TRUST c/o Glenora Co. 777 E. Wisconsin Ave. - Suite 2395 Milwaukee, Wisconsin 53202	0.0038021	ROYALTY	0.0038021		
THE ROBERT A. UIHLEIN, JR. 1976 TRUST c/o Glenora Co. 777 E. Wisconsin Ave. - Suite 2395 Milwaukee, Wisconsin 53202	0.0025520	ROYALTY	0.0025520		
EST. OF ARTHUR D. BRAGG c/o Tamarack Petroleum Co., Inc. 777 E. Wisconsin Ave. - Suite 1920 Milwaukee, Wisconsin 53202	0.0031250	ROYALTY	0.0031250		
TAMARACK PETROLEUM COMPANY, INC. 777 E. Wisconsin Ave. - Suite 1920 Milwaukee, Wisconsin 53202	0.8655209	WORKING INTEREST (OPERATOR)	0.8655209		
TOTAL	1.0000000		1.0000000	0.0000000	

TAMARACK PETROLEUM COMPANY, INC.



500 WEST TEXAS, SUITE 1485
MIDLAND, TEXAS 79701

TELEPHONE: 915/683-5474
FACSIMILE: 915/683-7306

June 20, 1995

"Interest Owners"

Re: Surface Commingling
Lion State, Lion State -A- & Saunders State

Dear Sir or Madam:

Tamarack Petroleum Company, Inc. is seeking permission from the New Mexico Oil Conservation Division to surface commingle production from the above referenced leases.

Tamarack proposes to tie the Lion State No. 1 and Lion State -A- No. 2 into the Saunders State battery. The Lion State and Lion State -A- battery is in need of repair. If Tamarack receives permission from the NMOCD, five wells will be serviced by one battery instead of five wells being serviced by two batteries. Consolidation of batteries will allow the Lion State, Lion State -A- and Saunders State wells to produce economically and reduce operating costs, such that it will extend the life of these leases and increase ultimate recovery from these properties.

If you concur with surface commingling these leases into one central battery and the allocation of production and distribution of sales revenue by a 24 hour test taken monthly, please sign at the bottom and return to Tamarack Petroleum Co., Inc.

Sincerely,

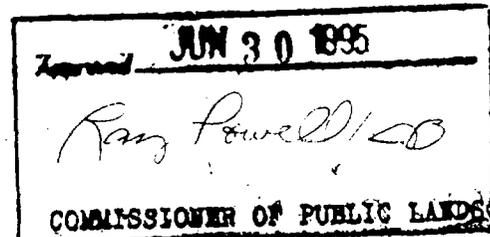
T. Wayne Green
Production Agent

APPROVED:

Name: _____

By: _____

Date: _____





State of New Mexico
Commissioner of Public Lands

RAY POWELL, M.S., D.V.M.
COMMISSIONER

310 OLD SANTA FE TRAIL P.O. BOX 1148

SANTA FE, NEW MEXICO 87504-1148

(505) 827-5760
FAX (505) 827-5766

June 30, 1995

Tamarack Petroleum Company, Inc.
500 West Texas, Suite 1485
Midland, Texas 79701

Attn: Mr. T. Wayne Green

Re: Surface Commingling Application
Saunders State Well Nos. 1-N, 3-O, Sec. 9-14S-33E
Lion State A Well No. 2-P, Sec. 9-14S-33E
Lion State Well No. 1-J, Sec. 9-14S-33E
Lion State A Well No. 2-P Sec. 9-14S-33E
Saunders State Well No. 2-E Sec. 16-14S-33E
Permo Upper Penn Pool
Lea County, New Mexico

Dear Mr. Green:

This office is in receipt of your letter of June 20, 1995, wherein you have requested our approval to surface commingle the Permo Upper Penn production from the above referenced wells into the Saunders State battery located in the SW/4SE/4 of Section 9-14S-33E.

It is our understanding that the production from the above mentioned wells will be allocated based upon monthly well tests.

Since it appears that there will be no loss of revenue to the State of New Mexico as a result of your proposed request, your application is hereby approved. Any deviation from the substance of your request will be sufficient grounds for rescinding our approval. Our approval is subject to like approval by the New Mexico Oil conservation Division.

Please submit a thirty (\$30.00) dollar filing fee and a copy of the New Mexico Oil Conservation Division's Order approving this application.

Paid 7-28-95 ck # 2241
JK

EXHIBIT 17
CASE #11378

Tamarack Petroleum Company, Inc.
June 30, 1995
Page 2

If you have any questions, or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

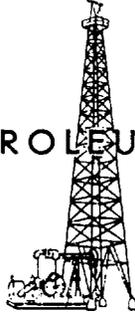
RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Deputy Director
Oil, Gas and Minerals Division
(505) 827-5745

RP/JB/pm

cc: Reader File
OCD-Santa Fe Attn: Mr. Ben Stone
Attn: Mr. David Catanach

TAMARACK PETROLEUM COMPANY, INC.



500 WEST TEXAS, SUITE 1485
MIDLAND, TEXAS 79701

TELEPHONE: 915/663-5474
FACSIMILE: 915/663-7306

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Sincerely,

A handwritten signature in cursive script that reads "T. Wayne Green".

T. Wayne Green
Production Agent

APPROVED:

Name: ROBERT B. TRAINER 1973 TRUST

By: Thomas F. Lechner - TRUSTEE

Date: 7/19/95

TAMARACK PETROLEUM COMPANY, INC.



500 WEST TEXAS, SUITE 1485
MIDLAND, TEXAS 79701

TELEPHONE: 915/683-5474
FACSIMILE: 915/683-7306

June 20, 1995

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T. Wayne Green
Production Agent

APPROVED:

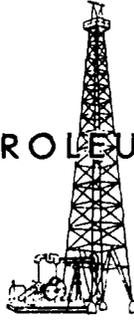
Name: ROBERT A UHLEIN JR 1976 TRUST

By: Thomas F. Lehner - TRUSTEE

Date: 7/19/95

EXHIBIT 19
CASE #11378

TAMARACK PETROLEUM COMPANY, INC.



500 WEST TEXAS, SUITE 1485
MIDLAND, TEXAS 79701

TELEPHONE: 915/683-5474
FACSIMILE: 915/683-7306

June 20, 1995

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Lion State, Lion State -A- & Saunders State

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T. Wayne Green
Production Agent

APPROVED:

Name: TAMARACK PETROLEUM COMPANY, INC.

By: Robert P. Probst

Date: 6/26/95

TAMARACK PETROLEUM COMPANY, INC.



500 WEST TEXAS, SUITE 1485
MIDLAND, TEXAS 79701

TELEPHONE: 915/683-5474
FACSIMILE: 915/683-7306

June 20, 1995

"Interest Owners"

Re: Surface Commingling
Lion State, Lion State -A- & Saunders State

Dear Sir or Madam:

Tamarack Petroleum Company, Inc. is seeking permission from the New Mexico Oil Conservation Division to surface commingle production from the above referenced leases.

Tamarack proposes to tie the Lion State No. 1 and Lion State -A- No. 2 into the Saunders State battery. The Lion State and Lion State -A- battery is in need of repair. If Tamarack receives permission from the NMOCD, five wells will be serviced by one battery instead of five wells being serviced by two batteries. Consolidation of batteries will allow the Lion State, Lion State -A- and Saunders State wells to produce economically and reduce operating costs, such that it will extend the life of these leases and increase ultimate recovery from these properties.

If you concur with surface commingling these leases into one central battery and the allocation of production and distribution of sales revenue by a 24 hour test taken monthly, please sign at the bottom and return to Tamarack Petroleum Co., Inc.

Sincerely,

T. Wayne Green
Production Agent

APPROVED: AL BRUCE TRUST

Name: [Signature]

By: _____

Date: 6/26/95

TAMARACK PETROLEUM COMPANY, INC.



500 WEST TEXAS, SUITE 1485
MIDLAND, TEXAS 79701

TELEPHONE: 915/683-5474
FACSIMILE: 915/683-7308

June 20, 1995

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Sincerely,

A handwritten signature in cursive script, appearing to read "T. Wayne Green".

T. Wayne Green
Production Agent

APPROVED:

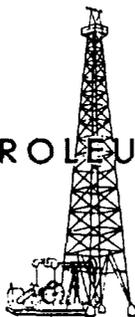
Name: J. L. Everson

By: J. L. Everson

Date: June 23, 1995

EXHIBIT 22
CASE #11378

TAMARACK PETROLEUM COMPANY, INC.



500 WEST TEXAS, SUITE 1485
MIDLAND, TEXAS 79701

TELEPHONE: 915/683-5474
FACSIMILE: 915/683-7306

June 20, 1995

“Interest Owners”

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Lion State, Lion State -A- & Saunders State

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T. Wayne Green
Production Agent

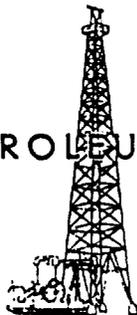
APPROVED:

Name: 

By: _____

Date: 7/18/95

TAMARACK PETROLEUM COMPANY, INC.



500 WEST TEXAS, SUITE 1485
MIDLAND, TEXAS 79701

TELEPHONE: 915/683-5474
FACSIMILE: 915/683-7306

June 20, 1995

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Sincerely,

T. Wayne Green
Production Agent

APPROVED:

Name: Marilyn N. Morden

By: Marilyn N. Morden

Date: 9-16-95

EXHIBIT 24

CASE #11378