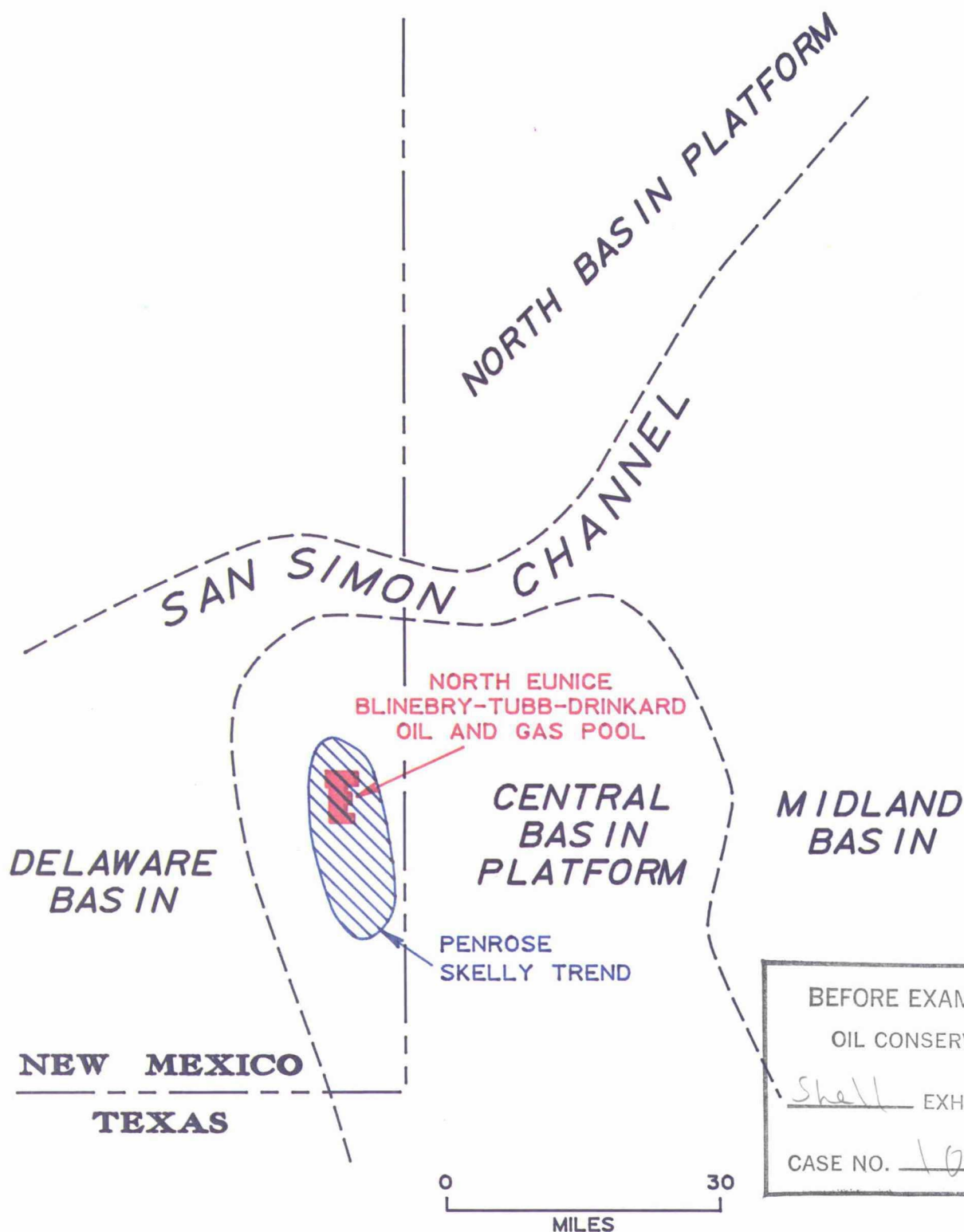
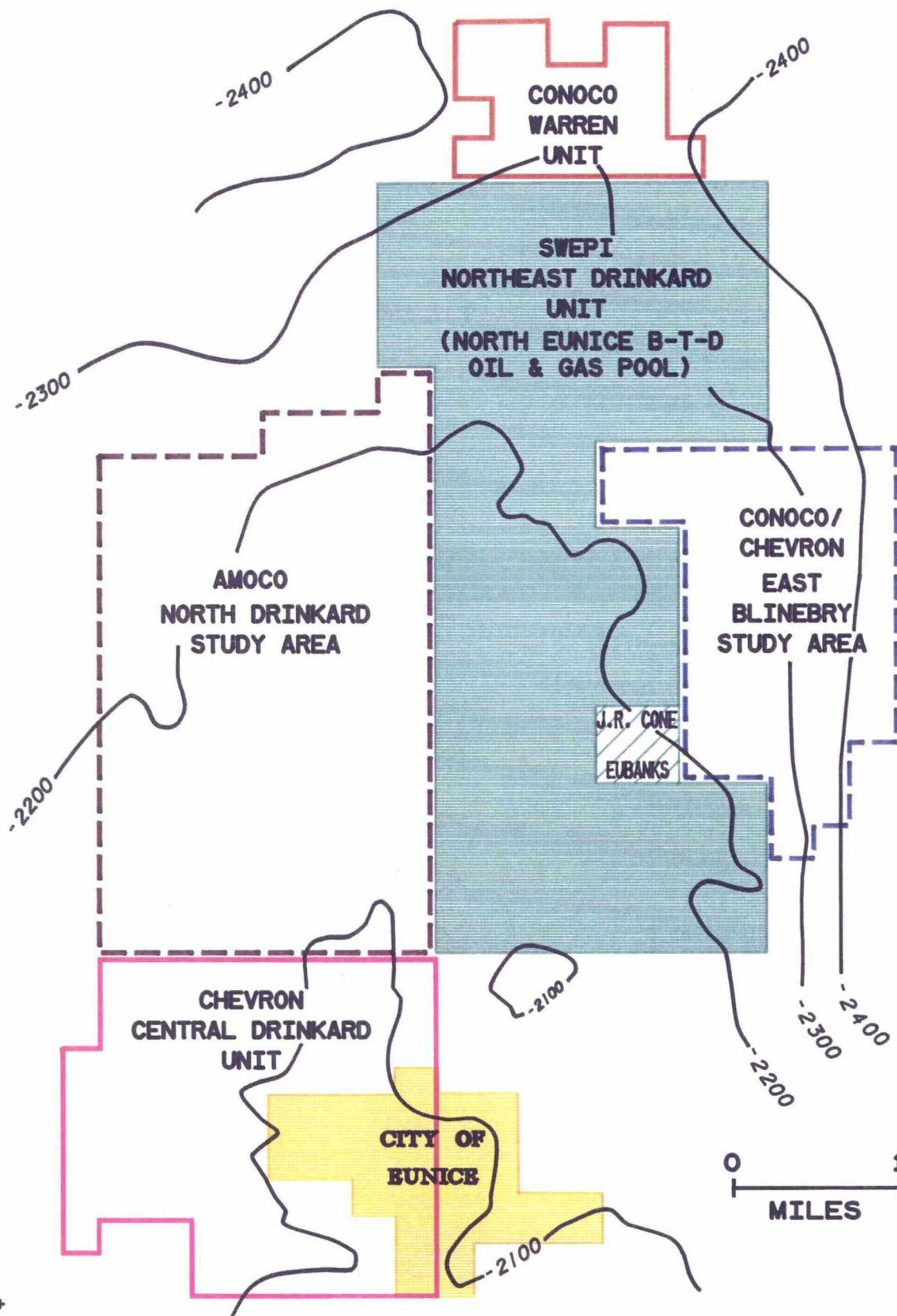


NORTH EUNICE BLINEBRY - TUBB - DRINKARD OIL AND GAS POOL

NORTHEAST DRINKARD UNIT

LEA COUNTY, NEW MEXICO





BACKGROUND INFORMATION

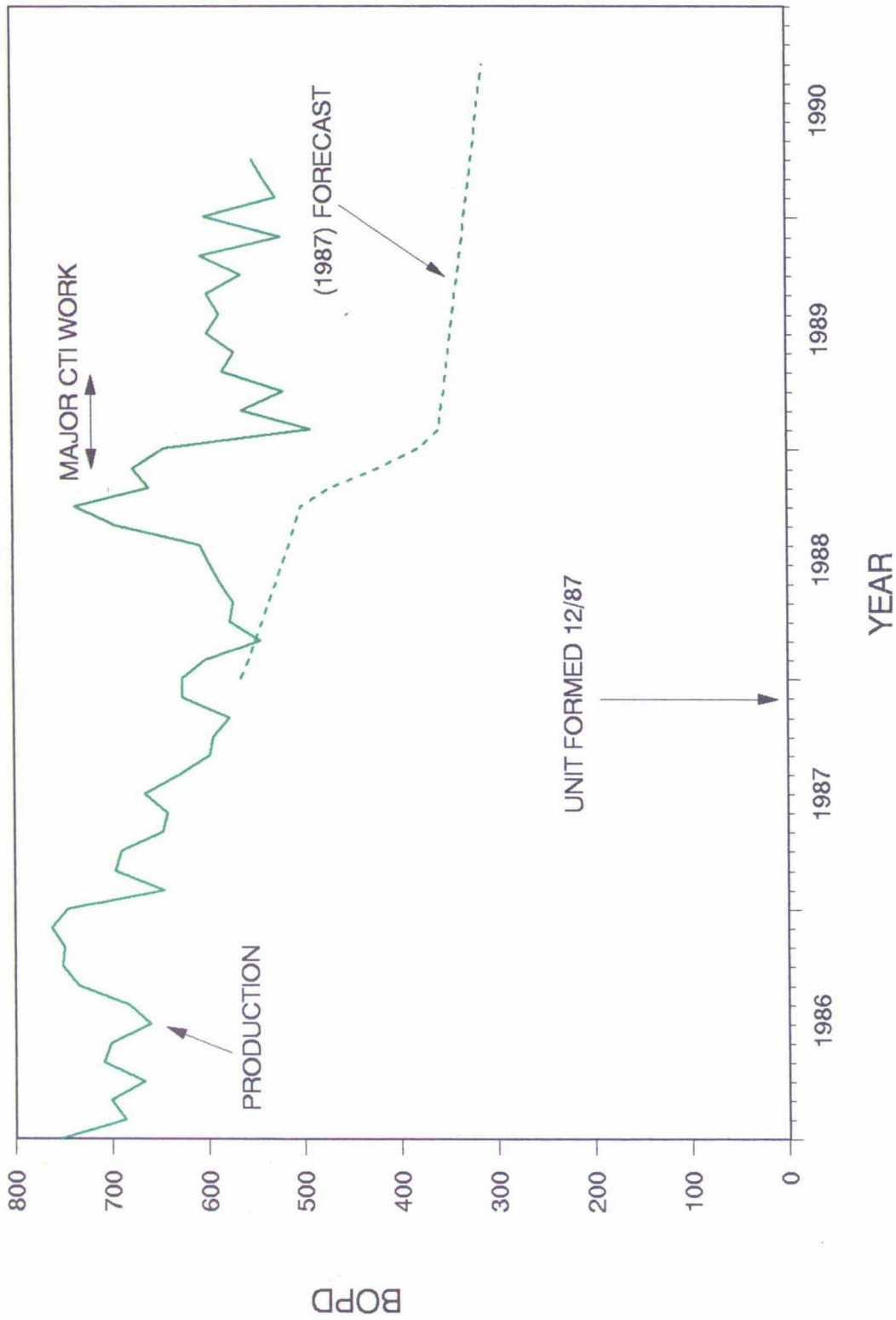
- Discovered in 1944
- Northeast Drinkard Unit Effective Date December 1, 1987
- Water Injection Initiated August 1988
- Mid-1990 Production :

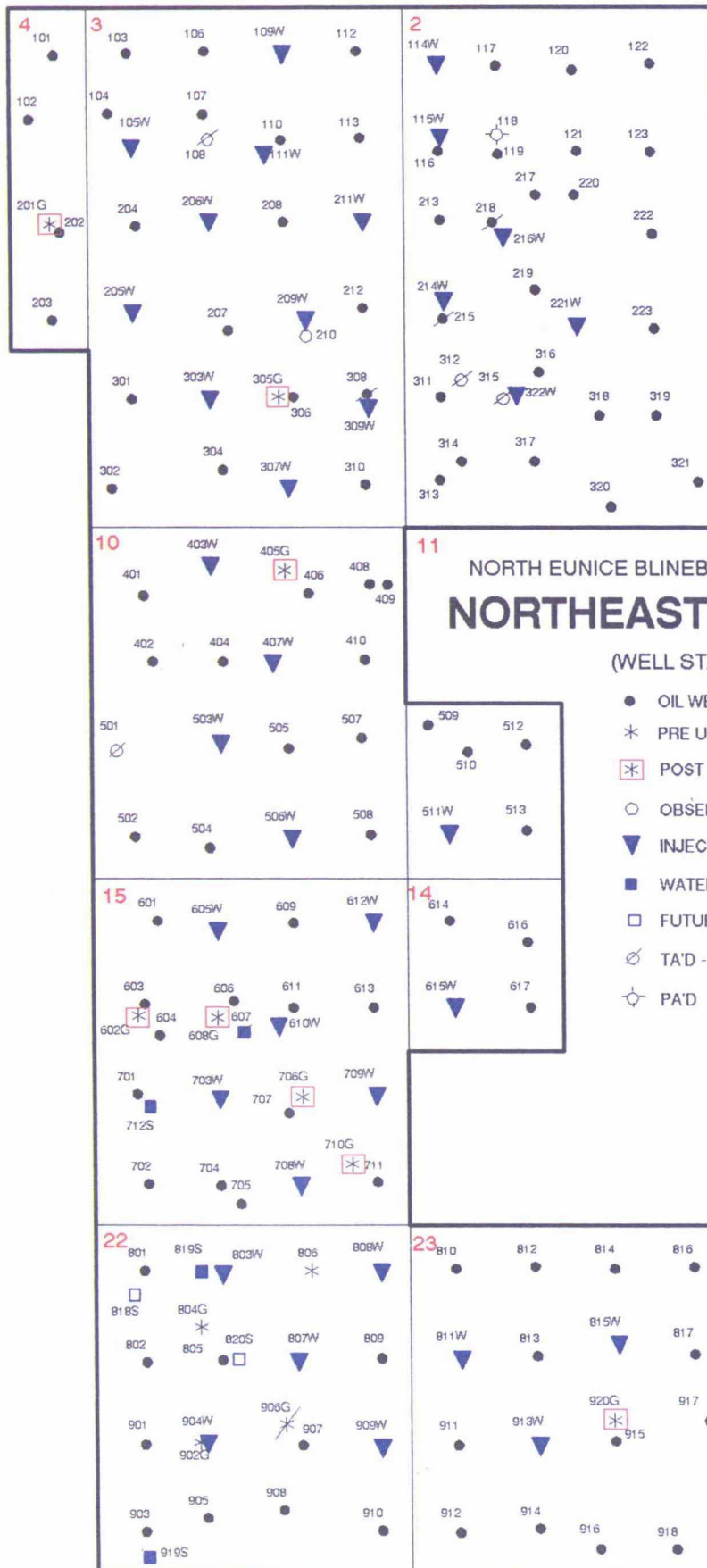
560 BOPD
11,600 MCFGPD
680 BWPD Produced
25,400 BWPD Injected
- Cumulative Production :

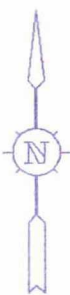
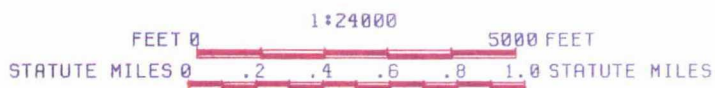
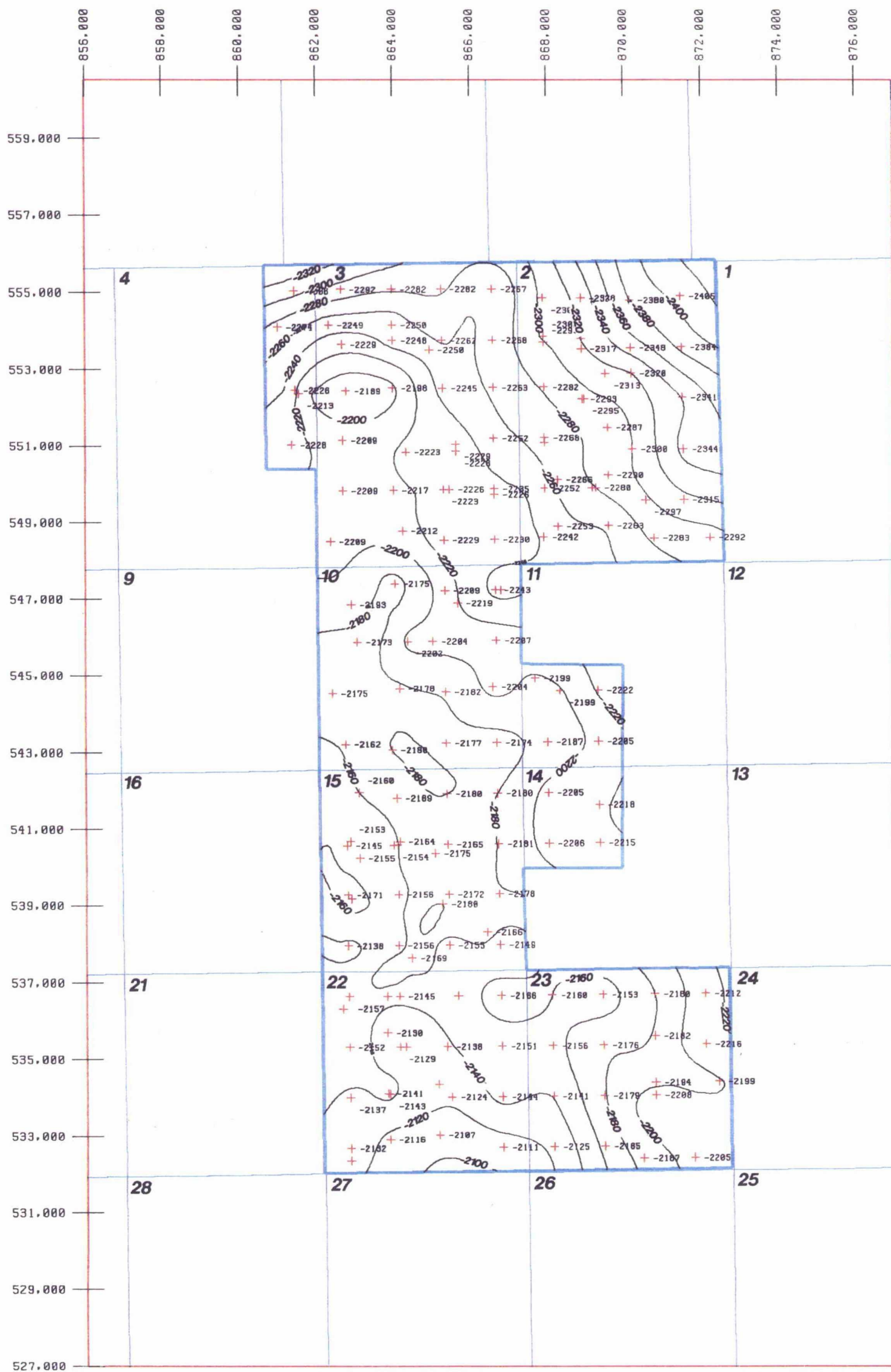
28 MMBO
435 BCFG

*M= 1000

NE B-T-D POOL OIL PRODUCTION





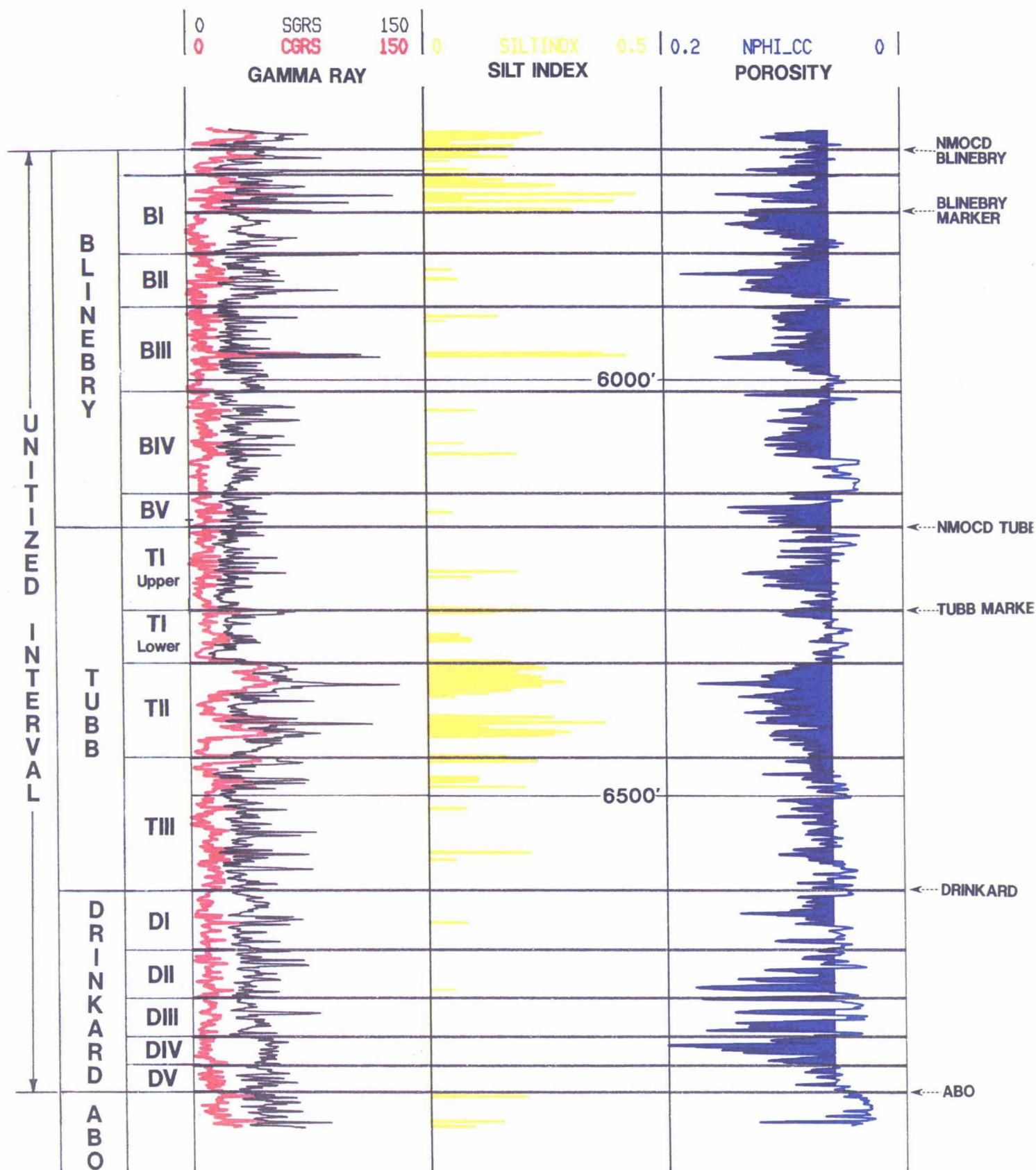


SHELL WESTERN E&P INC.		PRODUCTION DEPARTMENT
NORTH EUNICE B-T-D OIL & GAS POOL		
NORTHEAST DRINKARD UNIT		
CONTOURED ON BLINEBRY MARKER		
Province/Field: DRINKARD FIELD AREA		
County/State: LEA COUNTY, NEW MEXICO		
Author: L.M. CORDER	Date: 6/26/90	
Report:	Encl.:	
File No:		

Exhibit 6

NORTH EUNICE BLINEBRY-TUBB-DRINKARD OIL AND GAS POOL
NORTHEAST DRINKARD UNIT

NEDU #221



LITHOLOGY DATA

(FROM ACTUAL CORE AND/OR DETAILED LOG SUITES)

AVAILABLE
9/1/87
(CORE)AVAILABLE
1/1/90
(CORE AND LOG)

VERTICAL INTERVAL

NMOCD BLINEBRY
BLINEBRY I

BLINEBRY MARKER

BLINEBRY II

BLINEBRY III

BLINEBRY IV

BLINEBRY V

NMOCD TUBB

TUBB MARKER

TUBB II MARKER

TUBB III MARKER

DRINKARD I

DRINKARD II

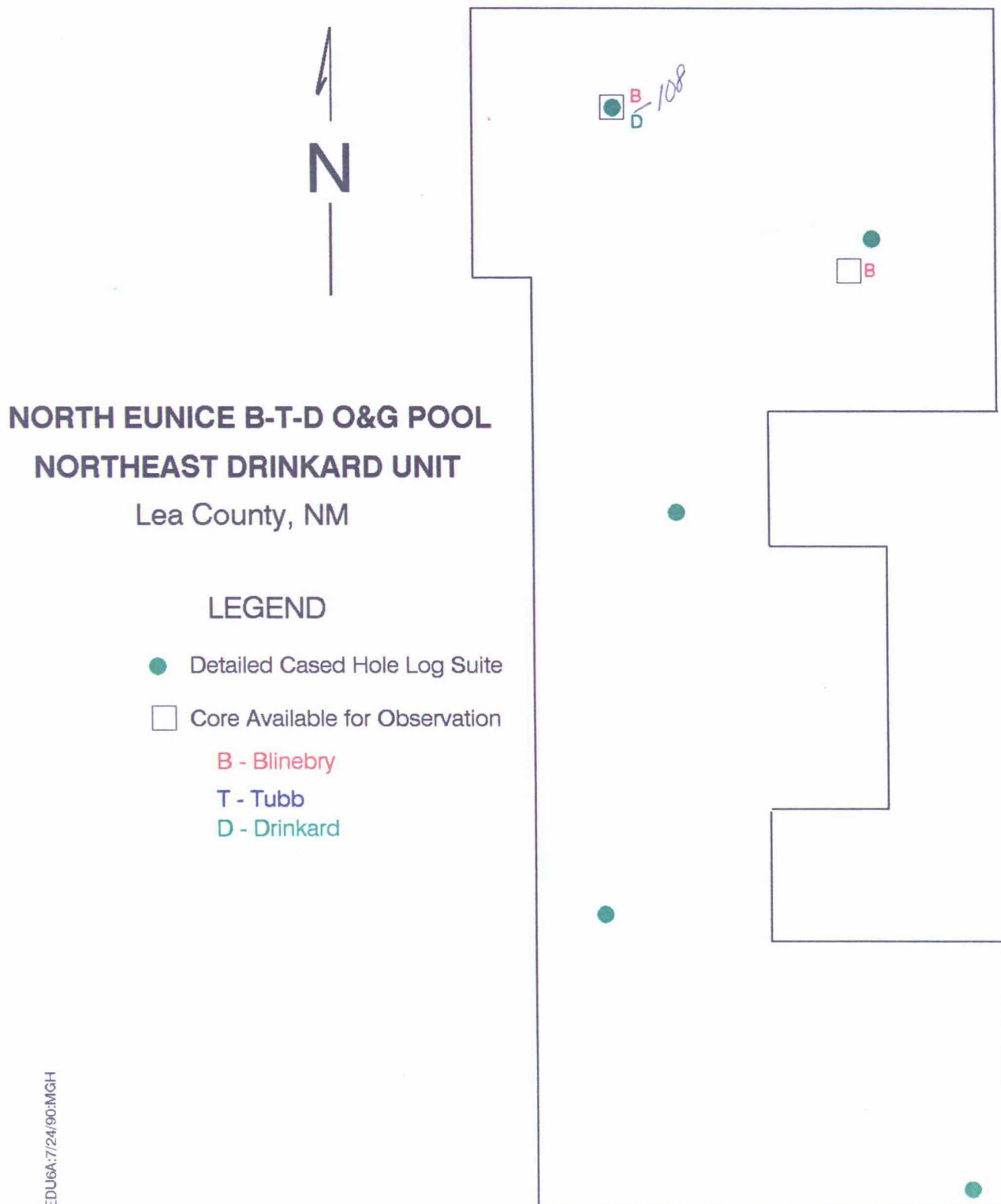
DRINKARD III

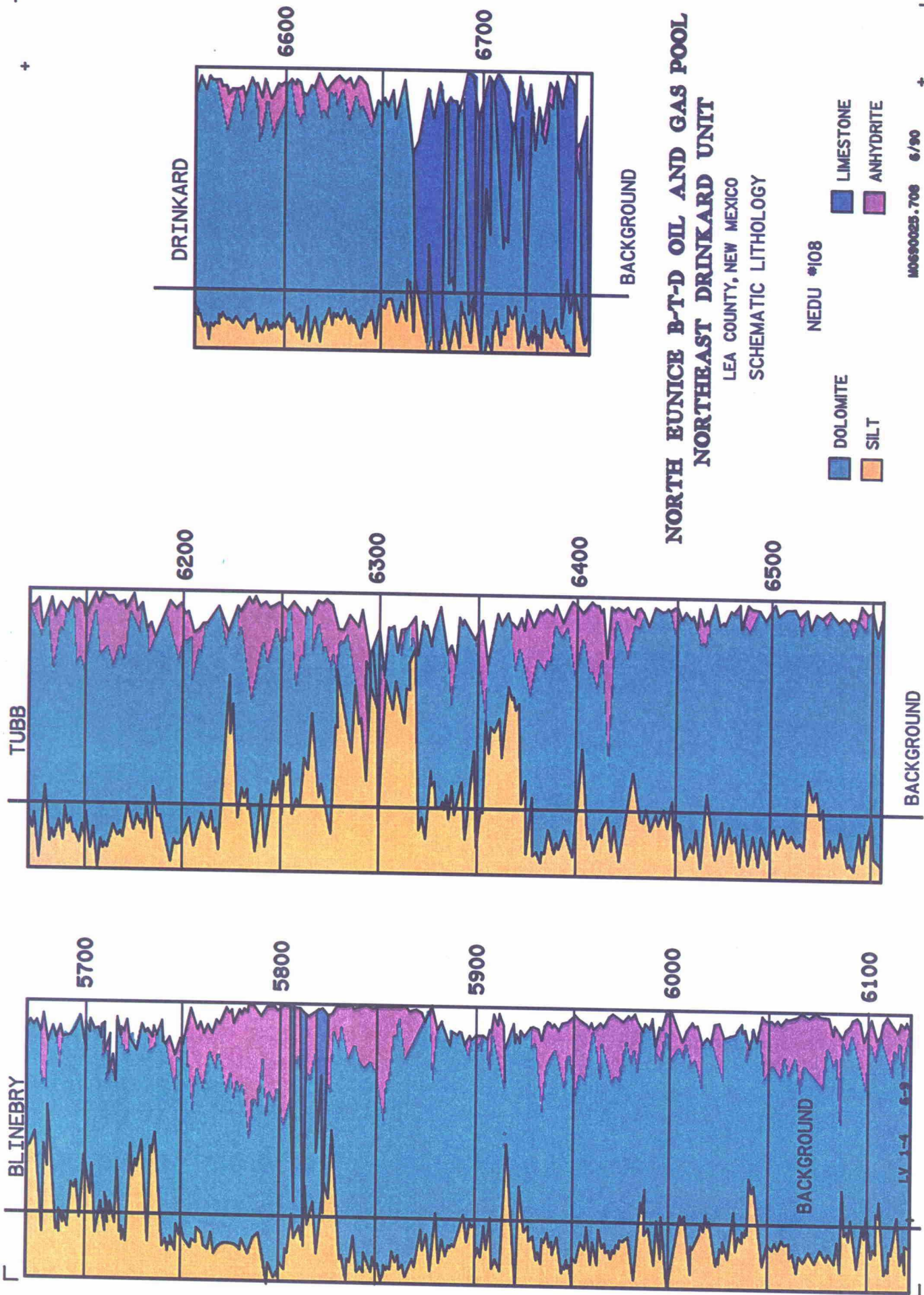
DRINKARD IV

DRINKARD V

ABO

AVAILABLE LITHOLOGY DATA





A

NEDU 221

NEDU 108

NEDU 407
OF=3452 ID=7890

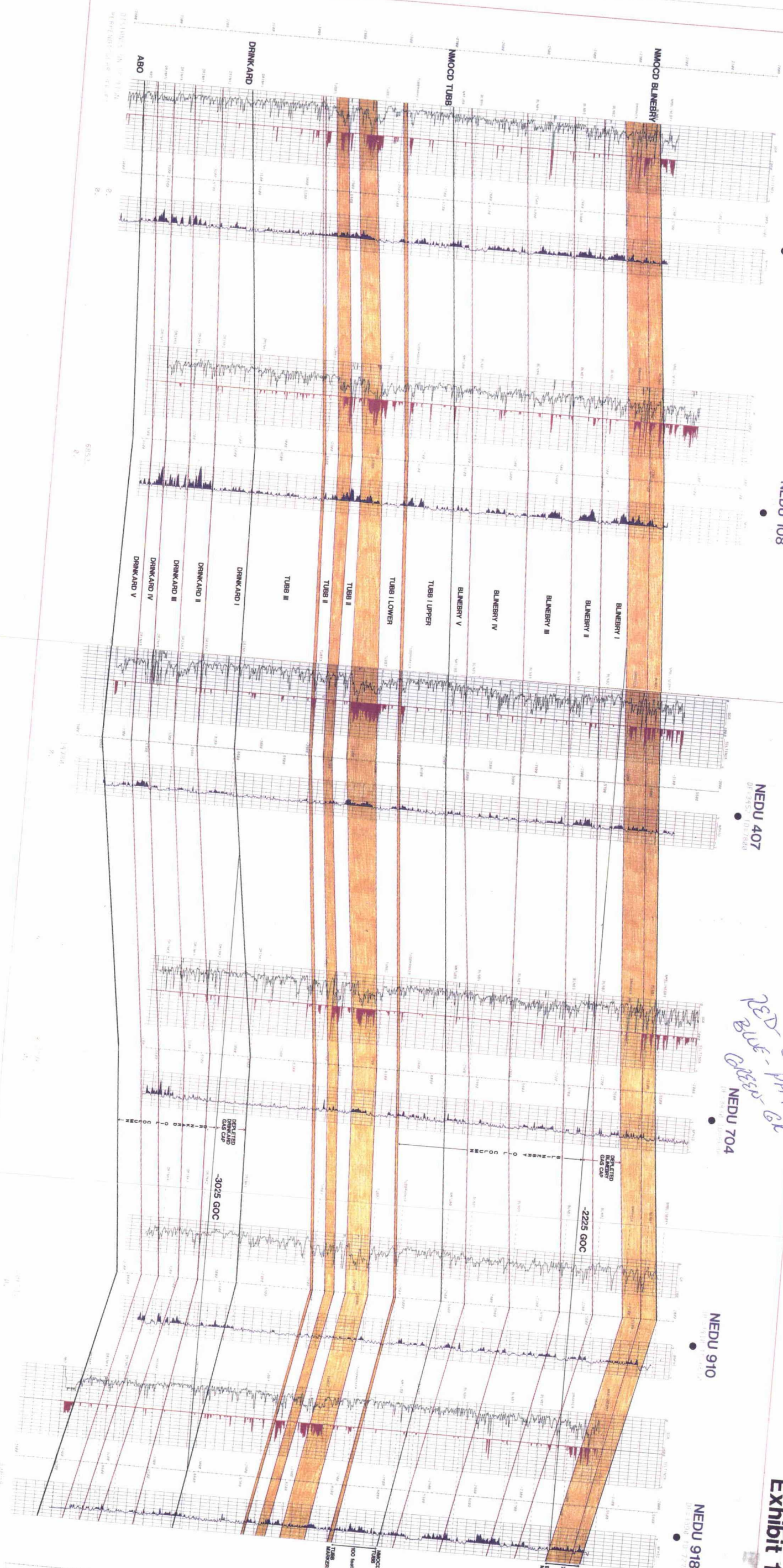
NEDU 704

NEDU 910

NEDU 918

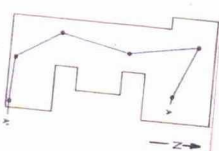
A

Exhibit 11



RED SILT INDICATOR CURVE
RED-BLUE-PH
GREEN-Gr
NEDU 704

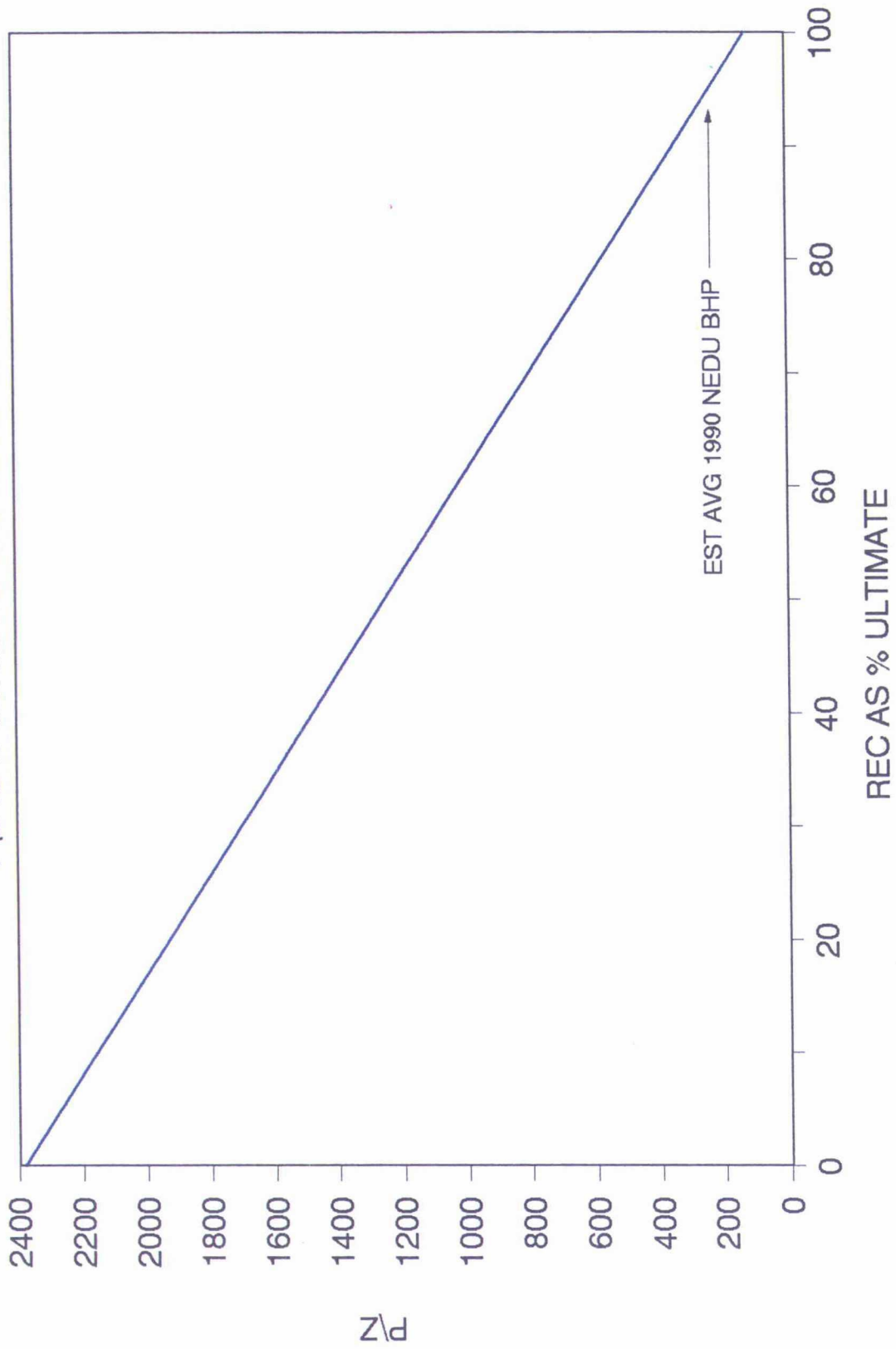
— 482 —



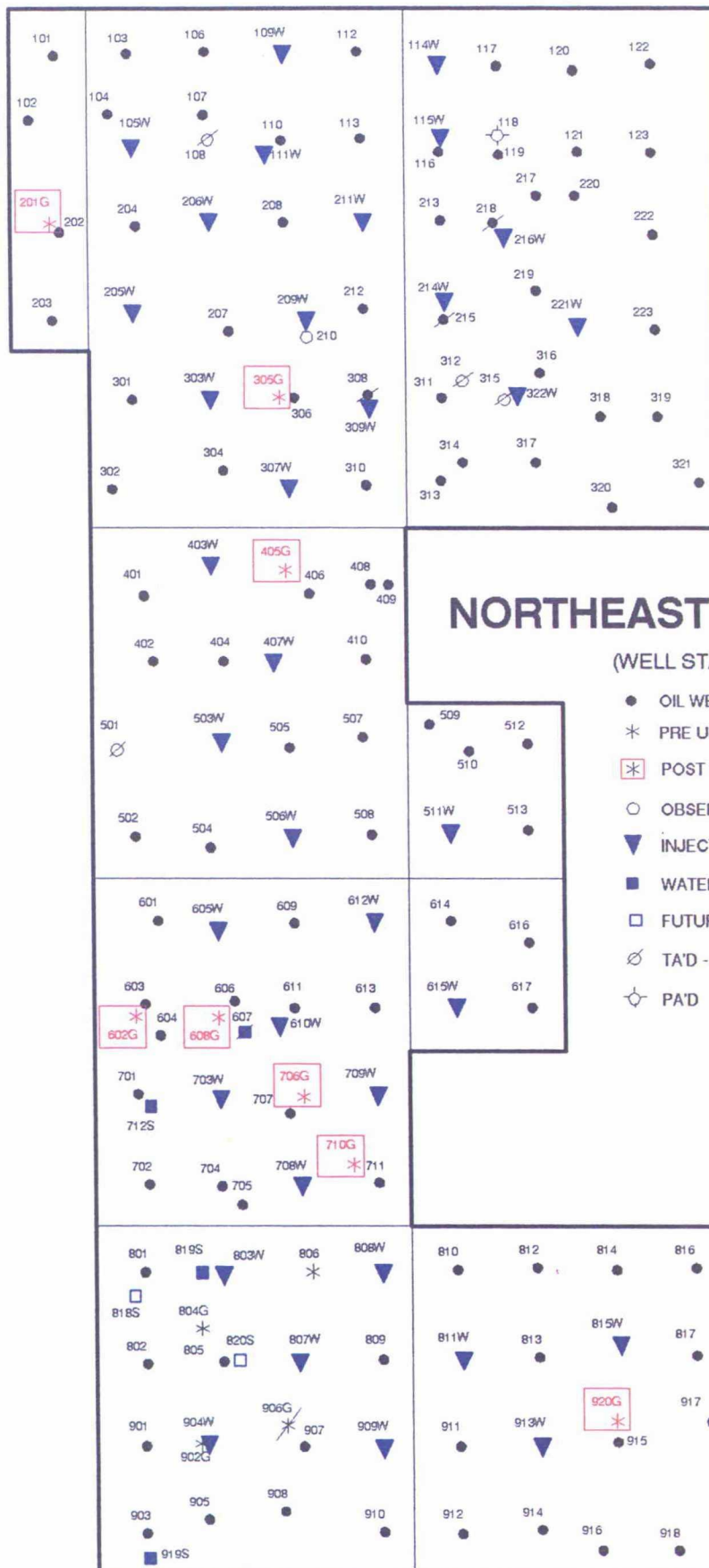
SHELL WESTERN EAP
NORTH ELIJAH B-I-OIL and GAS POOL
NORTHEAST DRINKARD UNIT
7215. RATE, LEA COUNTY, NEW MEXICO
LA CORNER

NE B-T-D POOL EST. OF GAS ZONE RECOVERY

P/Z vs % ULTIMATE GAS RECOVERY



PZF-CST-8/01/90:MGH



NORTHEAST DRINKARD UNIT

(WELL STATUS MID 1990)

- OIL WELLS
- * PRE UNIT GAS WELLS(GAS ZONE ONLY)
- * POST UNIT GAS WELLS(GAS ZONE ONLY)
- OBSERVATION WELL
- ▼ INJECTOR
- WATER SOURCE WELL
- FUTURE WATER SOURCE WELL
- ⊗ TA'D - SI
- ⊗ PA'D

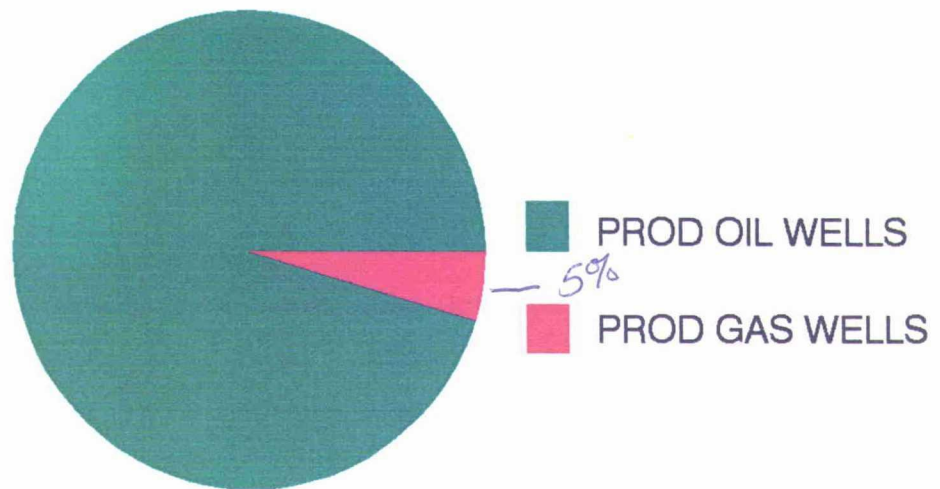
RECENT PRODUCTION DATA FROM
8 WELLS COMPLETED IN
BLINEBRY OR TUBB "GAS ZONES"

WELL	ZONE	BOPD	MCFPD	BHP'S
201	B	0	0	135
305	T	8	45	712
405	B	1	24	137
602	T	*	20	279
608	B	*	20	210
706	T	13	24	381
710	B	*	72	257
920	T	1	25	710

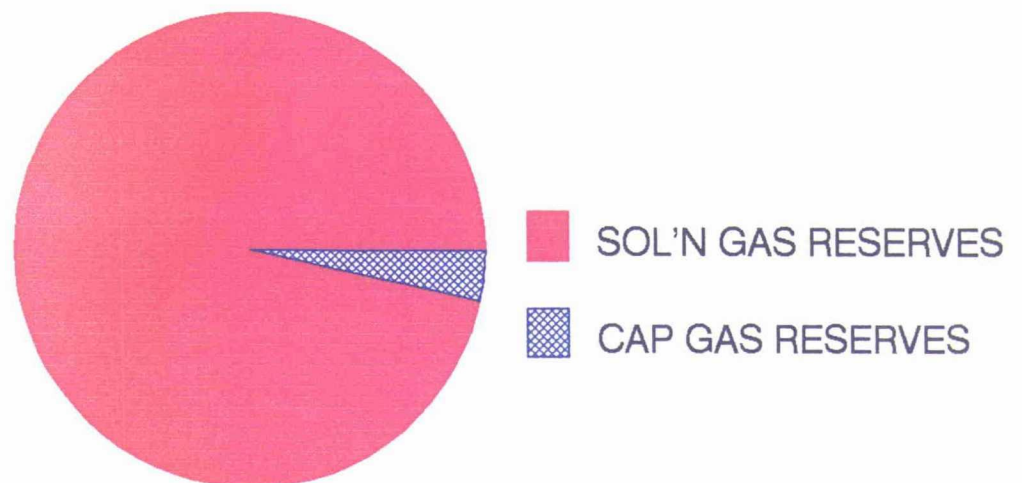
* RATE TOO LOW TO METER WITH
FACILITIES

MID-1990 ESTIMATES NE B-T-D POOL GAS PRODUCTION AND RESERVE DISTRIBUTION

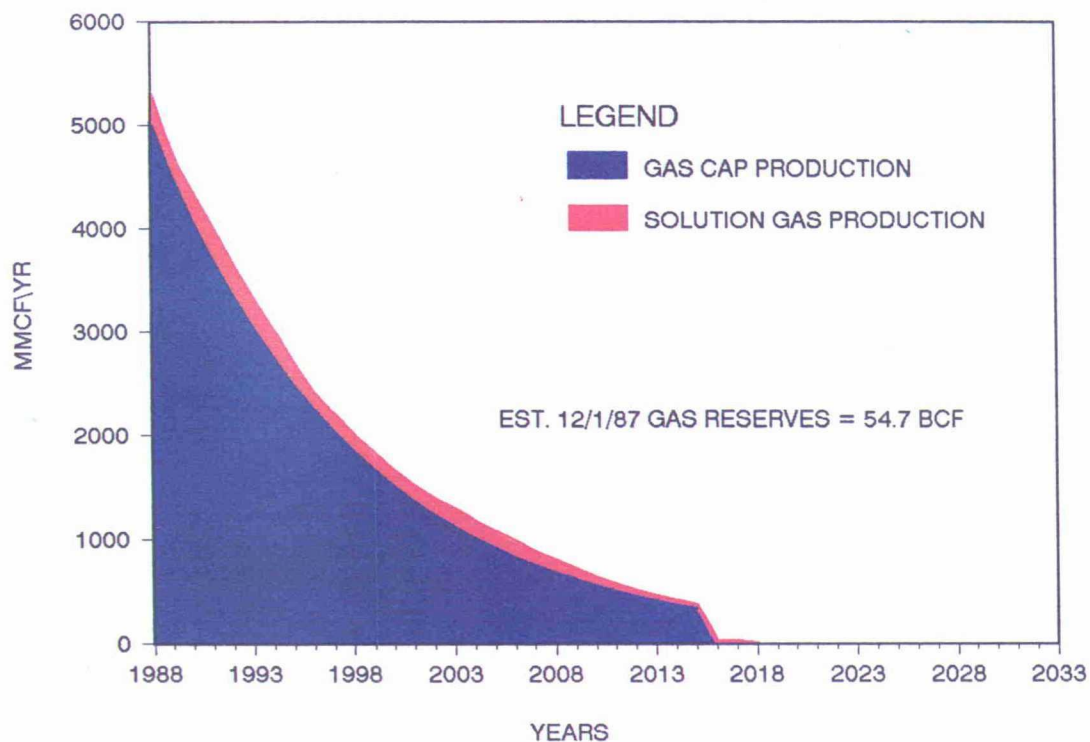
GAS PRODUCTION



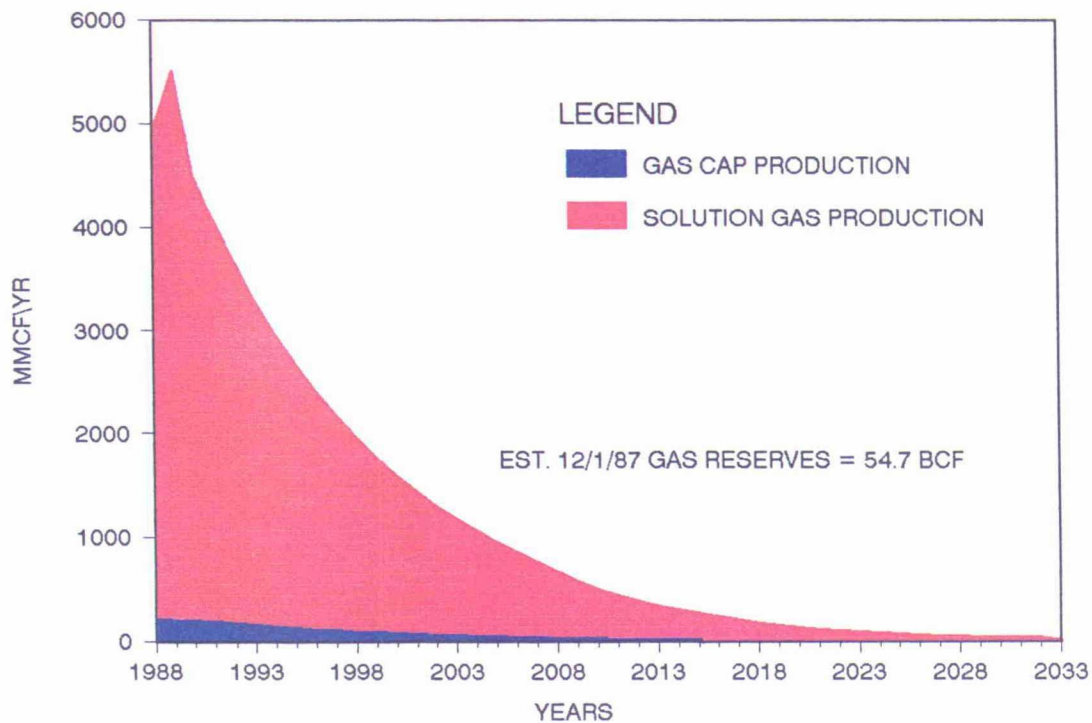
GAS RESERVES



NE B-T-D POOL 1987 FORECAST GAS PRODUCTION

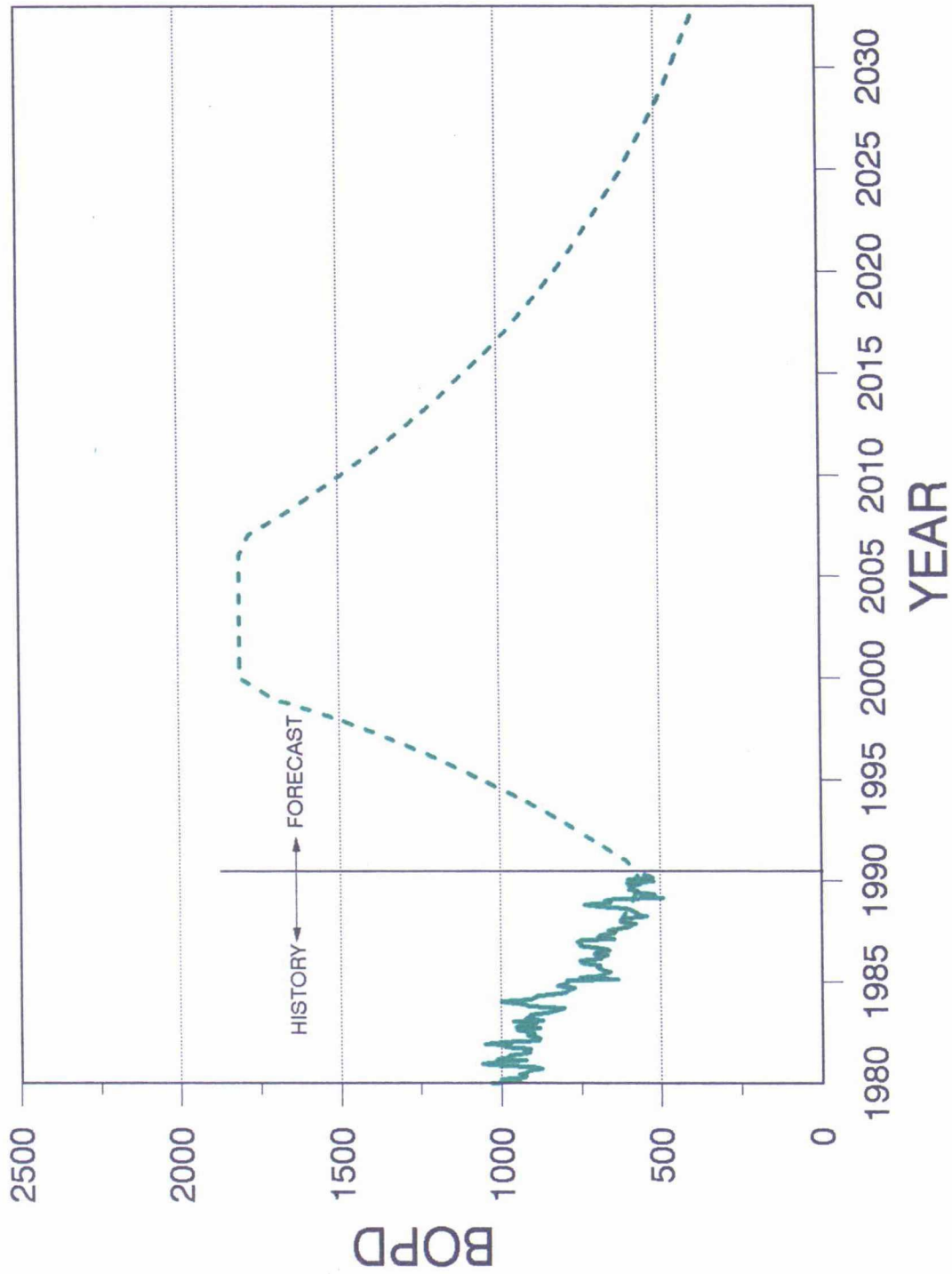


NE B-T-D POOL 1990 FORECAST GAS PRODUCTION



NE B-T-D O&G POOL OIL PRODUCTION

HISTORY AND 6/90 FORECAST



HISTFCST:8/09/90:MGH

EXHIBIT 17

NORTH EUNICE BLINEBRY-TUBB-DRINKARD POOL

LEA COUNTY, NEW MEXICO

<u>Basis for Allowable</u>	<u>MCFPD\WELL</u>
North Eunice Oil Well 107 BOPD X 6.0 MCFPB.....	642/per 40 acre
Blinebry Gas Well.....	650/per 160 acre
Tubb Gas Well.....	250/per 160 acre

2000 107 year

POTENTIAL GAS ALLOWABLE (MCFPD) \ 160 AC TRACT

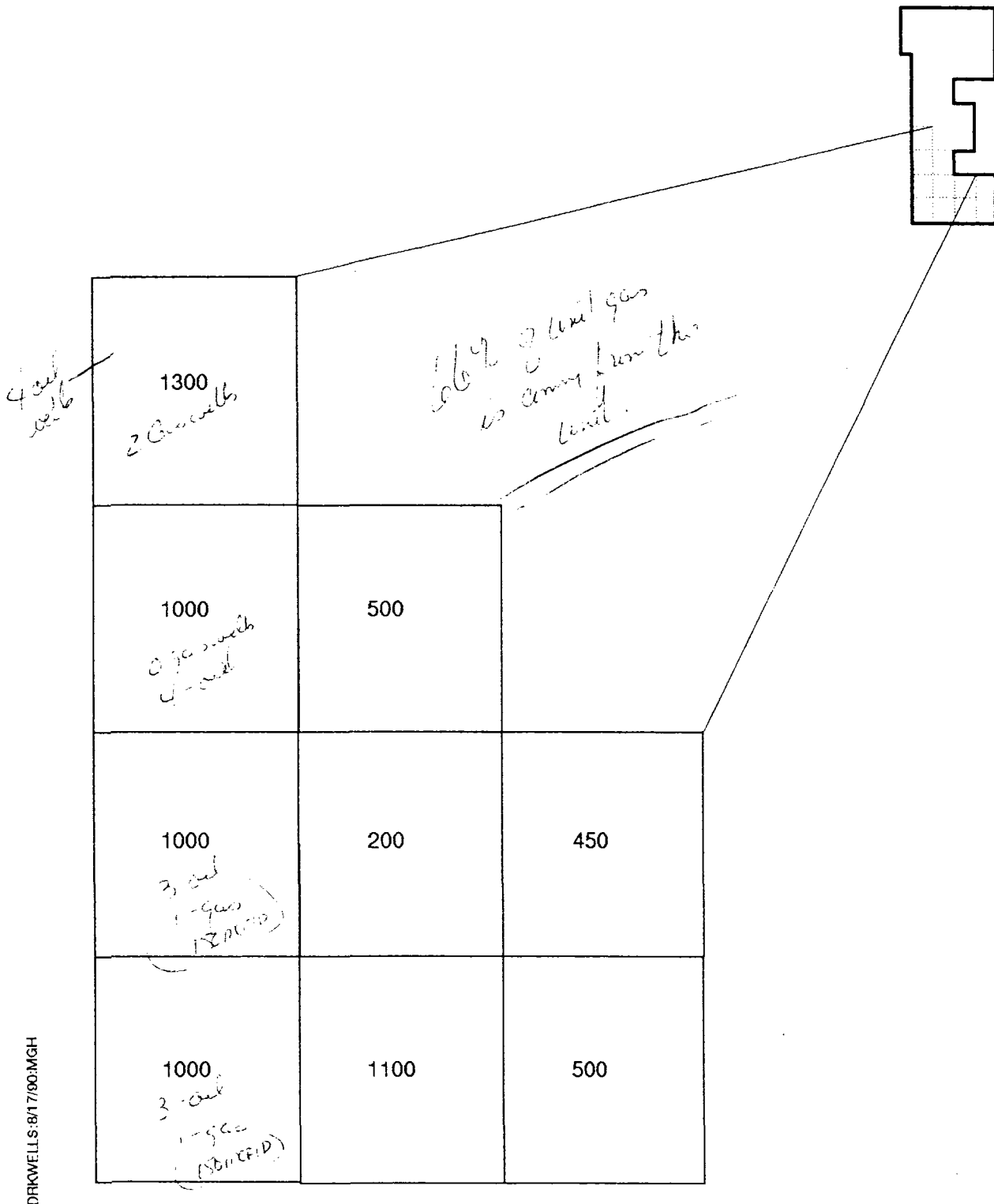
CURRENT RULES

4 North Eunice B-T-D Oil Wells	2568
1 Blinebry Gas Well	650
1 Tubb Gas Well	<u>250</u>
TOTAL	<u>3468</u>

CURRENT RULES W/O GAS WELLS

4 North Eunice B-T-D Oil Wells	<u>2568</u>
--------------------------------	-------------

ESTIMATED MID-1990 GAS PRODUCTION (MCFPD) FOR GIVEN 160 AC. AREAS SW PORTION NEDU



STATE OF TEXAS §
 §
COUNTY OF HARRIS §

AFFIDAVIT

My name is James H. Smitherman, I am over 21 years of age, of sound mind, capable of making this affidavit, and personally acquainted with the facts herein stated. I do solemnly swear that pursuant to the provisions of New Mexico Oil Conservation Division Rule 1207, I caused notice of the hearing in Case No. 10,052 to be provided to each of the individuals listed on Exhibit A, attached hereto, by Certified Mail Return Receipt Requested on July 30, 1990.

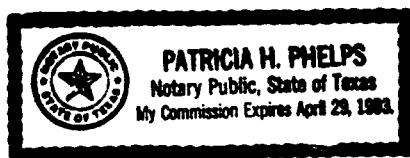
FURTHER AFFIANT SAYETH NAUGHT.


James H. Smitherman

Subscribed and Sworn to before me this 7TH day of August, 1990.

My Commission Expires:
4-29-93


Notary Public



OFFSET OPERATOR, AND
UNLEASED MINERAL OWNERS
NORTHEAST DRINKARD UNIT
LEA COUNTY, NEW MEXICO

EXHIBIT "A" TO
AFFIDAVIT OF
J. H. SMITHERMAN

1 ACOMA OIL COMPANY

812 CONTINENTAL LIFE BLDG
FORT WORTH, TX 76102

2 AGREE OIL COMPANY

213 MID AMERICA BLDG.
MIDLAND, TX 79701

3 AMERADA HESS CORPORATION

DRAWER "D"
MONUMENT, NM 88265

4 AMERICAN EXPLORATION COMPANY

2100 NCNB CENTER
700 LOUISIANA
HOUSTON, TX 77002

5 AMERICAN PRODUCTION PARTNERSHIP-VTL, LTD.

2100 NCNB CENTER
700 LOUISIANA
HOUSTON, TX 77002

6 AMOCO PRODUCTION CO

BOX 3092
HOUSTON, TX 77255

> ATLANTIC RICHFIELD CO.

BOX 2819
DALLAS, TX 75221

8 B.P. EXPLORATION, INC.

P.O. BOX 4587
HOUSTON, TX 77210

9 BISON PETROLEUM

5809 S. WESTERN
SUITE 200
AMARILLO, TX 79110-3607

/0 BLANCO ENGINEERING, INC.

116 NORTH FIRST
ARTISIA, NM 88210

// BRAVO ENERGY

P.O. BOX 2160
HOBBS, NM 88241

/2 CHEVRON USA, INC.

BOX 1635
HOUSTON, TX 77351

13

CONE, J. E.

P.O. BOX 10217
LUBBOCK, TX 79406

14

CONOCO INC.

BOX 4783
HOUSTON, TX 77216

15

ELK OIL COMPANY AND VEDA VISTA ENERGY COMPANY

P.O. BOX 310
ROSWELL, NM 88201

16

ELLIOTT, FRANK O

BOX 1355
ROSWELL, NM 88201

17

EXXON CORP.

BOX 1600
MIDLAND, TX 79702

18

FELMENT OIL AND GAS COMPANY

350 GLENBOUROUGH
SUITE 300
HOUSTON, TX 77067

19 FINA OIL AND CHEMICAL COMPANY

P.O. BOX 2159
DALLAS, TX 75221-2159

20 FOLSON CRAIG C.

300 CRESCENT COURT
DALLAS, TX 75201

21 GRAHAM ROYALTY LTD

P.O. BOX 3134
COVINGTON, LA 70434

22 HALL, EDNA I TRUST

BOX 1355
ROSWELL, NM 88201

23 HILL, ELMER C. TRUST

(UNRELEASED)

INTERSTATE BANK OF OKLAHOMA N.A.
AGENT FOR FIRST INTERSTATE BANK OF
ROSWELL, SUCCESSOR TRUSTEE, U.W.O
P.O. BOX 25189, OK CITY, OK 73125

24 HONDO DRILLING CO.

DRAWER 2516
MIDLAND, TX 79701

- 25 HUNT OIL COMPANY
2900 INTERFIRST ONE BLDG.
1401 RIM STREET
DALLAS, TX 75202
- 26 HUNT, N.B.
2600 FIRST NATIONAL BANK BLDG.
DALLAS, TX 75202
- 27 INDUSTRIAL OIL, GAS AND DEVELOPMENT CORPORATION
P.O. BOX 2521
MIDLAND, TX 79702
- 28 JOHN H. HENDRIX CORP.
223 WEST WALL, SUITE 805
MIDLAND, TX 79701
- 27 LANEXO INC.
P.O. BOX 1206
JAL, NM 88252
- 30 LYNX PETROLEUM CONSULTANTS, INC.
P.O. BOX 1666
HOBBS, NM 88241

31) ^{7A}
~~7A~~ MARATHON OIL COMPANY

P.O. BOX 24091
HOBBS, NM 88240
AND P.O. BOX 552
MIDLAND, TX 79702

32 MARTINDALE PETROLEUM CORPORATION

P.O. BOX 1955
HOBBS, NM 8824001

33 ME-TRX SUPPLY COMPANY

P.O. BOX 2070
HOBBS, NM 88240

34 MOBIL PRODUCING TEXAS & NEW MEXICO, INC.

12450 GREENSPRING DR.
HOUSTON, TX 77060

35 NATURAL RESOURCES INC.

601 GEORGE #110
MIDLAND, TX 79701

36 NELSON, RON

P.O. BOX 2432
HOBBS, NM 88241

37

O'BRIEN H. GEORGE, JR.

P.O. BOX 1717
MIDLAND, TX 79702

38

DRYX ENERGY COMPANY OIL & GAS

BOX 2880
DALLAS, TX 75221

39

OXY USA INC.

P.O. BOX 300
TULSA, OK 74102

40

PACIFIC ENTERPRISE OIL COMPANY

10 DESTA DR. SUITE 500 WEST
MIDLAND, TX 79705

41

SUMMIT ENERGY, INC

112 NORTH FIRST
ARTISIA, MN 88210

42

TEMPO ENERGY

4000 N BIG SPRING
SUITE 109
MIDLAND, TX 79705

43 TERRA RESOURCES INC.

5416 SOUTH YALE
TULSA, OK 74135

44 TEXACO PRODUCING INC

P.O. BOX 728
HOBBS, NM 88240

45 TEXAKOMA OIL AND GAS CORP

12801 N. CENTRAL EXPRESSWAY
SUITE 250
DALLAS, TX 79701

46 WARREN DAVID M.

PAN HANDLE, TX 79068

47 YATES PETROLEUM CORPORATION

207 SOUTH 4TH STREET
ARTISIA, NM 88210