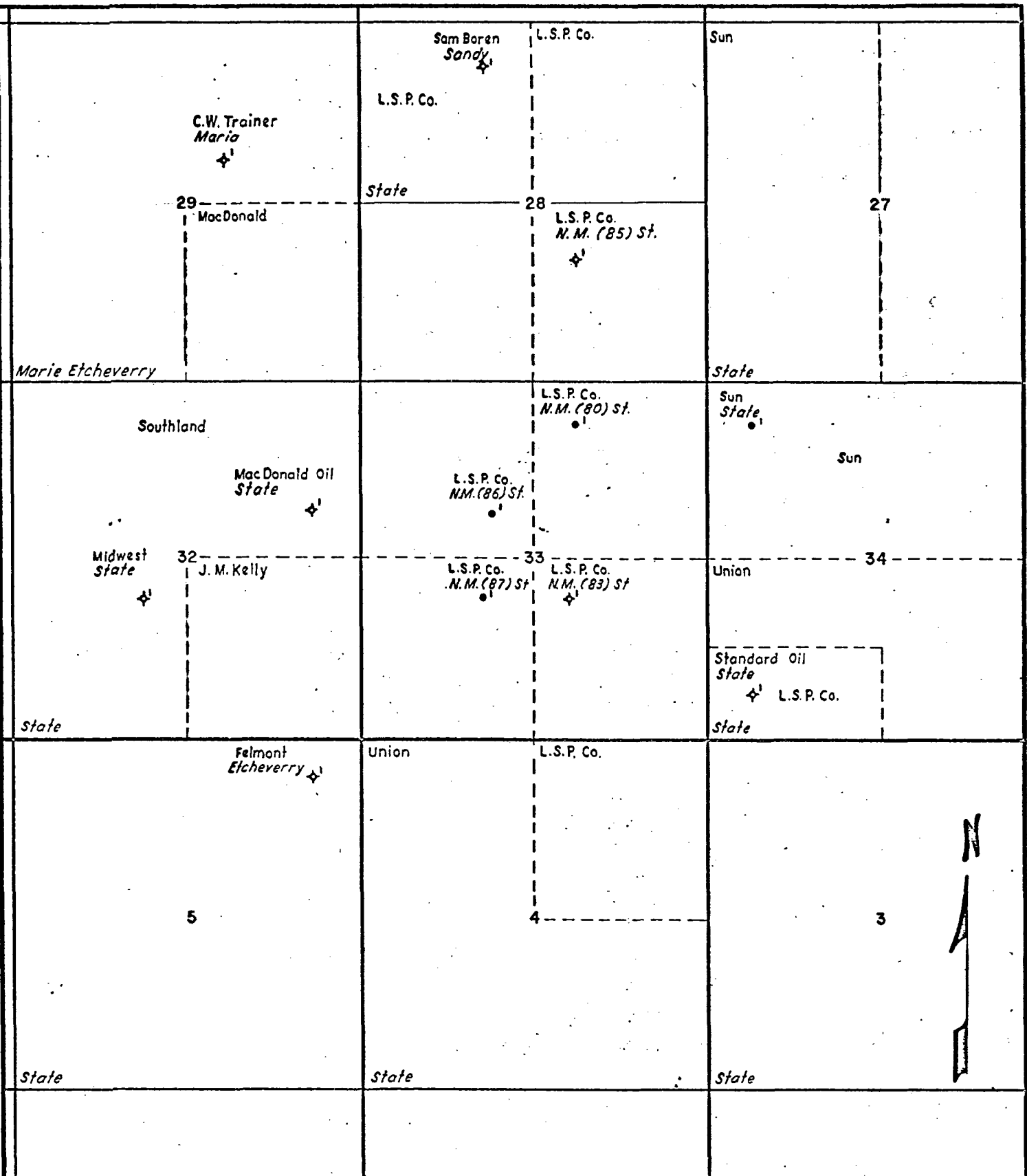


R-34-E



TRES PAPALOTES FIELD

LEA COUNTY, NEW MEXICO

Scale: 1" = 2000'

BEFORE EXAMINER UTZ

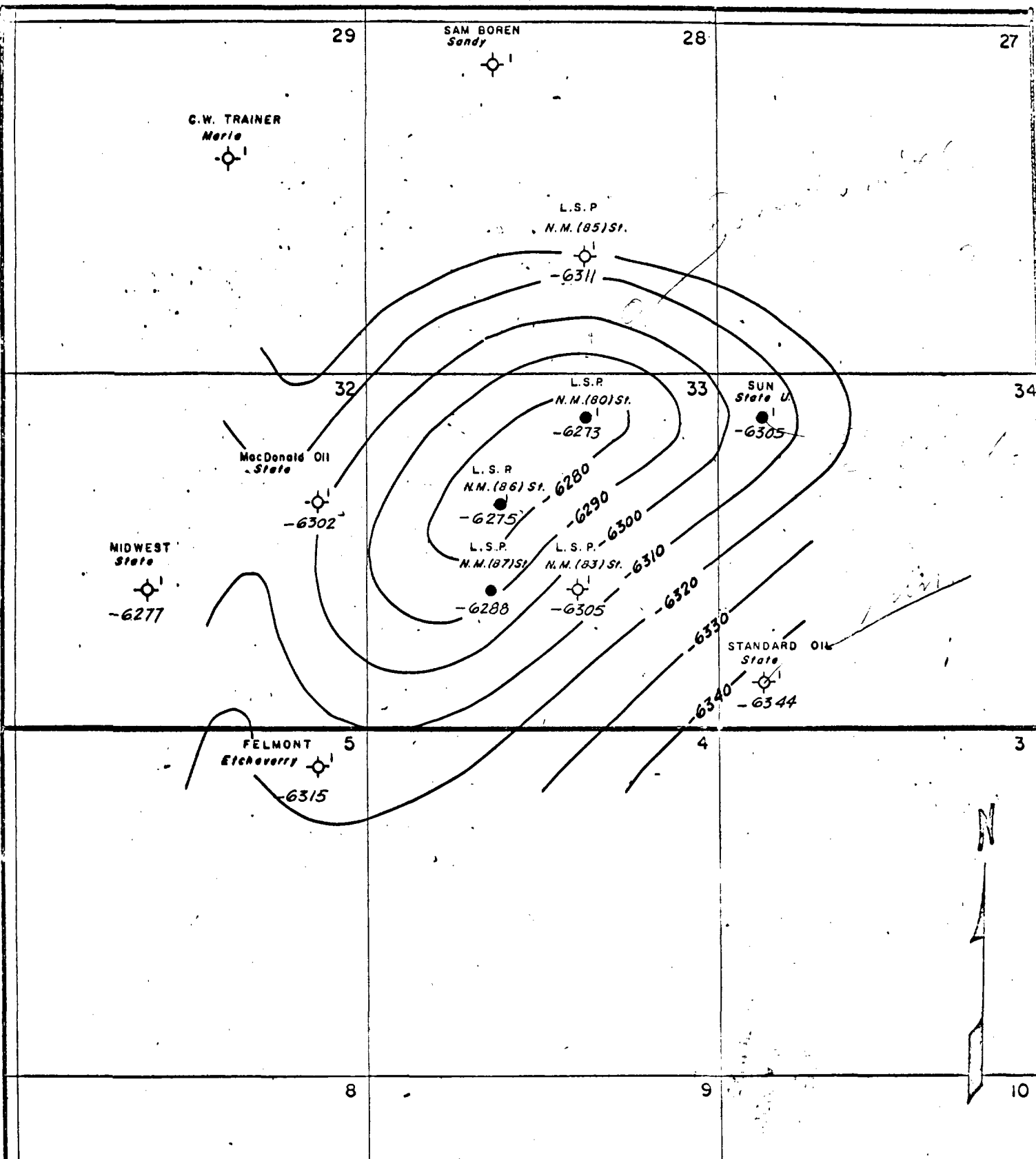
IL CONSERVATION COMMISSION

EXHIBIT NO. 1

CASE NO. 43513

T-14-S

T-15-S



TRES PAPALOTES FIELD

LEA COUNTY, NEW MEXICO

Scale: 1" = 2000'

COMBINATION SEISMIC - SUBSURFACE STRUCTURE MAP

PENN. (SAUNDERS LIMESTONE - ZONE III) -

CONTOUR INTERVAL = 10'

Exhibit #2

BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

100001 EXHIBIT NO. 2

CASE NO. 4353

62-616,2 84

PRESSURE HISTORY - PSIG

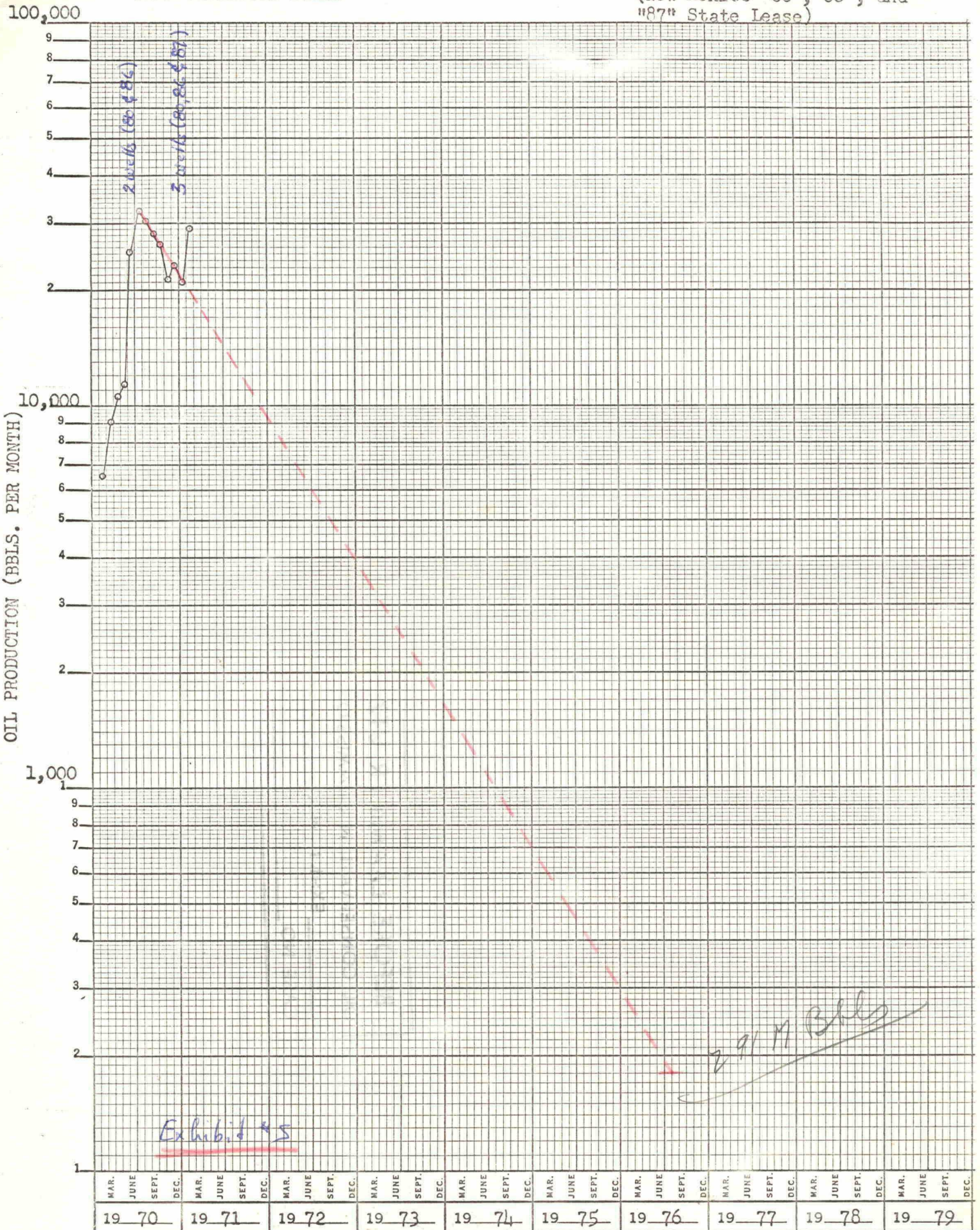
<u>DATE</u>	<u>LONE STAR PRODUCING CO. N.M. (80) STATE</u>	<u>LONE STAR PRODUCING CO. N.M. (86) STATE</u>	<u>LONE STAR PRODUCING CO. N.M. (87) STATE</u>
1/8/70	3,986 (Initial)		
6/10/70		3,231 (Initial)	
8/3/70	2,540	2,587	
11/7/70	2,192	2,159	
1/14/71			2,159 (Initial)
3/16/71	1,776		1,888

CUMULATIVE PRODUCTION
AS OF 3/1/71

<u>OPERATOR</u>	<u>WELL NAME & NUMBER</u>	<u>OIL - BBL</u>
Lone Star Producing Company	New Mexico (80) State No. 1	170,872
Lone Star Producing Company	New Mexico (86) State No. 1	94,270
Lone Star Producing Company	New Mexico (87) State No. 1	11,516
Sun Oil Company	New Mexico "U" State No. 1	16,058
	TOTAL	292,716

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
Spilomb **EXHIBIT NO. 4**
CASE NO. 4353

3 to
22.90

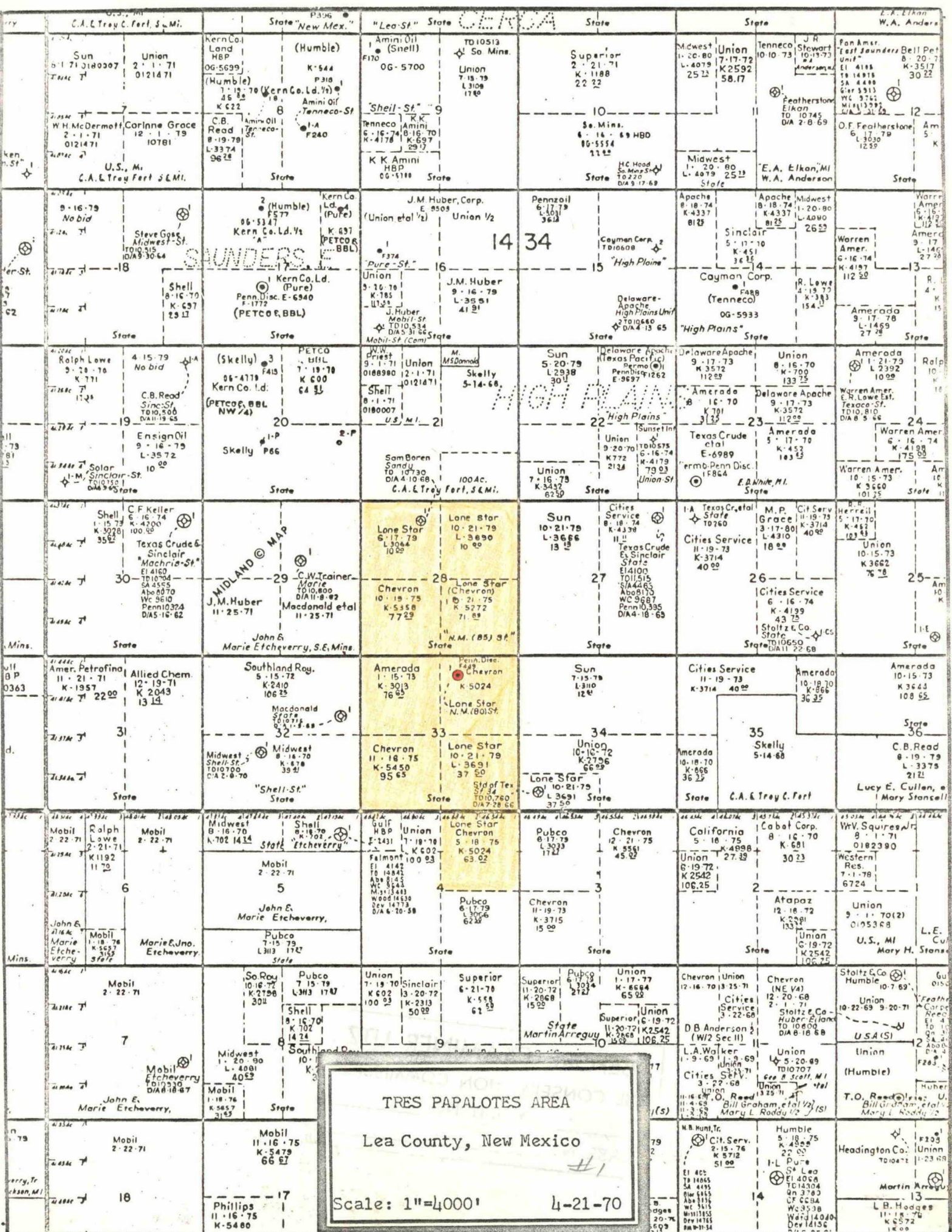


BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

Applicant's EXHIBIT NO. 5

CASE NO. 4353



TRES PAPALOTES AREA

Lea County, New Mexico

Scale: 1"=4000'

4-21-70

BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

Applicant's EXHIBIT NO. 5

CASE NO. 4353

BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

Opp EXHIBIT NO. 1

CASE NO. 4353

TRES PAPALOTES - PENNSYLVANIAN FIELD

RESERVOIR DATA AND RESERVE ESTIMATES

Porosity 5.38 %
 Water Saturation. 18.50 %
 Formation Volume Factor. 1.264
 Recovery Factor (estimate). 35.00 %
 Net Pay. 21'

$$\text{Oil-in-place} = \frac{7758 \times 0.0538 \times 0.815}{1.264} = 269 \text{ Bbls. per acre ft.}$$

Recoverable Reserves = 269 x 35%
 = 94 barrels per acre foot
 = 94 x 21'
 = 1974 barrels per acre
 = 79,000 bbls per 40 acres
 = 158,000 bbls per 80 acres
 = 316,000 bbls per 160 acres

ECONOMICS

Gross price per barrel. \$ 3.31 per barrel
 Working interest income at 0.7625. 2.52 per barrel
 Operating cost, SWD cost and taxes. 1.00 per barrel
 Net Working Interest Income. 1.52 per barrel

	40 Acres	80 Acres	160 Acres
Estimated recovery	79,000 Bbls.	158,000 Bbls.	316,000 Bbls.
Total net income	\$120,000	\$ 240,000	\$ 480,000
Development cost per well	\$230,000	\$ 230,000	\$ 230,000
Ratio of income to invest.	0.52	1.04	2.08

BEFORE EXAMINER UTZ	
OIL CONSERVATION COMMISSION	
APP- EXHIBIT NO.	4
CASE NO.	4353

CLARENCE E. HINKLE
W. E. BONDURANT, JR.
S. B. CHRISTY IV
LEWIS C. COX, JR.
PAUL W. EATON, JR.
CONRAD E. COFFIELD
HAROLD L. HENSLEY, JR.
STUART D. SHANOR
C. D. MARTIN
PAUL J. KELLY, JR.

LAW OFFICES
HINKLE, BONDURANT & CHRISTY
600 HINKLE BUILDING
ROSWELL, NEW MEXICO 88201

April 15, 1970

APR 16 AM 8 17

MIDLAND, TEXAS OFFICE
521 MIDLAND TOWER
(915) MU 3-4891

TELEPHONE (505) 622-6510
POST OFFICE BOX 10

Case 4353

Oil Conservation Commission
Box 2088
Santa Fe, New Mexico 87501

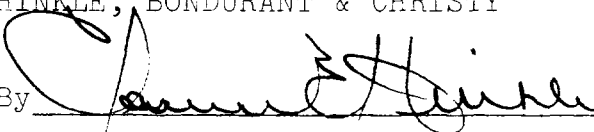
Gentlemen:

There is enclosed in triplicate application of Lone Star Producing Company for designation of a new pool and 160 acre spacing in connection with their State No. 1 well located in Section 23, Township 14 South, Range 34 East, Lea County.

The writer discussed this matter with your Mr. Nutter and it is our understanding that the case will be on the docket for the next examiner's hearing.

Yours very truly,

HINKLE, BONDURANT & CHRISTY

By 

CEH:cs
Enc.
cc: Lone Star Producing Company

DOCKET MAILED

4-17-70