

R 34 E

R 35 E

Amoco

Pennzoil

Rial Oil
(Pennzoil)

Arco

Exxon

Mobil

Mobil

T
16
S

(8498)

*Pennzoil's
interest
100% below 9K*

(8499)

*Int. 75% Penn
25% ARCO**World class
stone sand*

Sage

Rial Oil

Rial Oil

Mobil

31

Exxon

State

Yates

Rial Oil
(Pennzoil)

Exxon

Shell

Shell

Marathon

2

Marathon

Yates

Sage

(Pennzoil)

Shell

I-B

2-C

Mobil

Mobil

Marathon

Warren

Marathon

Statco

State

State

T
17
S

Mobil

2 FE

Pennzoil

224

3-C

215

4-C

Sage

4-B

4

Mobil

160

233

Phillips

I-A

Marathon

I St. K

7

184

I-FE

217

2-C

216

I-C

I-B

2

3-B

227

85

161

Marathon

Mobil

I-ZZ

I-UU

I-St

2

87

135

78

126

75

225

74

77

134

79

226

88

158

2

I-St

Phillips

87

135

78

126

75

225

74

77

134

79

226

88

158

2

I-St

Phillips

87

135

78

126

75

225

74

77

134

79

226

88

158

2

I-St

Phillips

87

135

78

126

75

225

74

77

134

79

226

88

158

2

I-St

Phillips

87

135

78

126

75

225

74

77

134

79

226

88

158

2

I-St

Phillips

EXXON CORPORATION NORTH VACUUM AREA Lea County, New Mexico

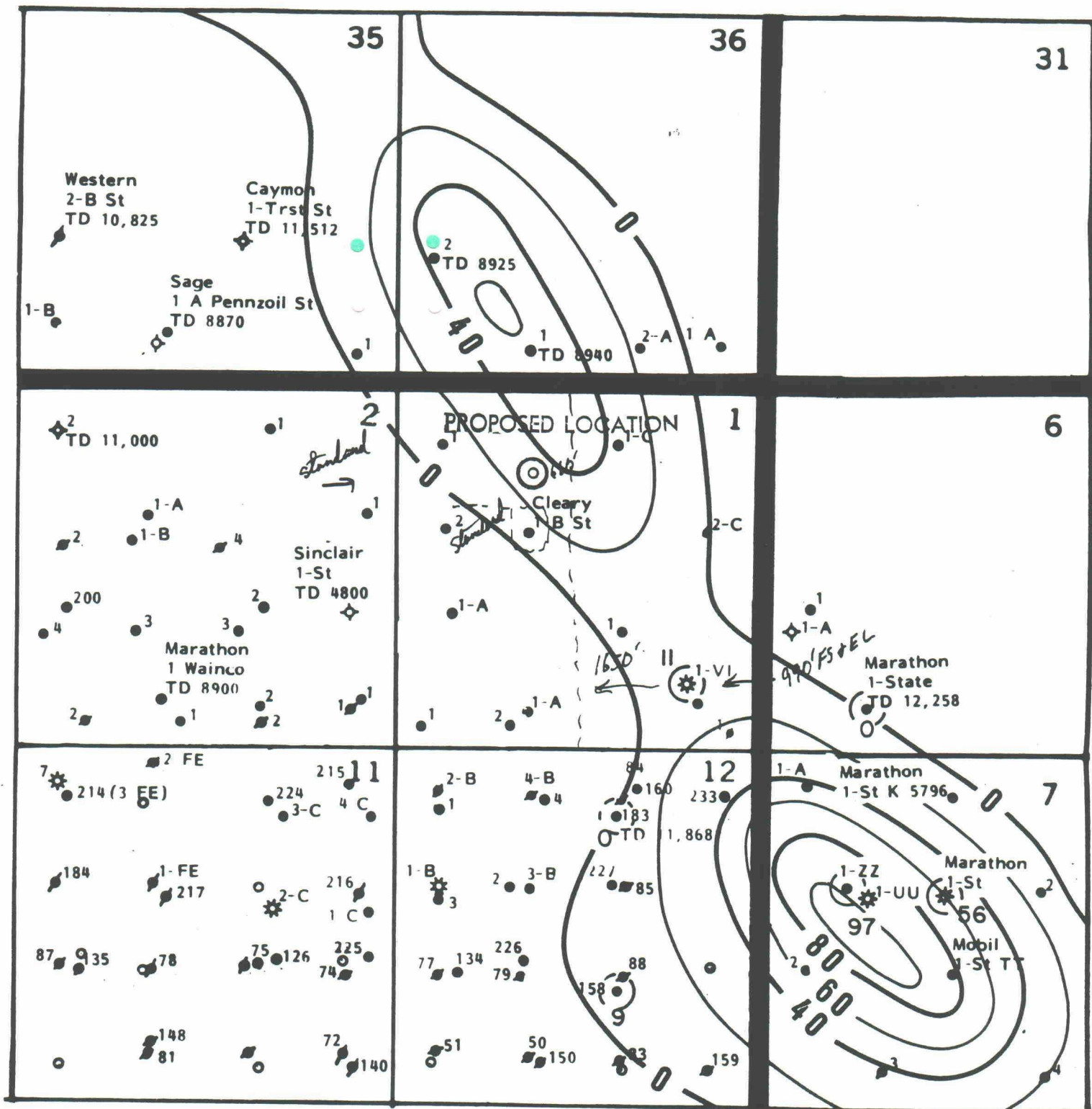
*Exxon Exhibits 1 through 6
complete set*

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION

EXXON CORP EXHIBIT NO. 1
CASE NO. 8498 & 8499

Scale: 1" = 2000'
February 27, 1985

M.R. Riggle



**VACUUM NORTH AREA
LEA COUNTY, NEW MEXICO**

ISOPACH MAP

**ATOKA PAY SAND
POROSITY > 6%
CONTOUR INTERVAL 20'
SCALE 1"=2000'**

OCTOBER, 1984

G.L. HAIR

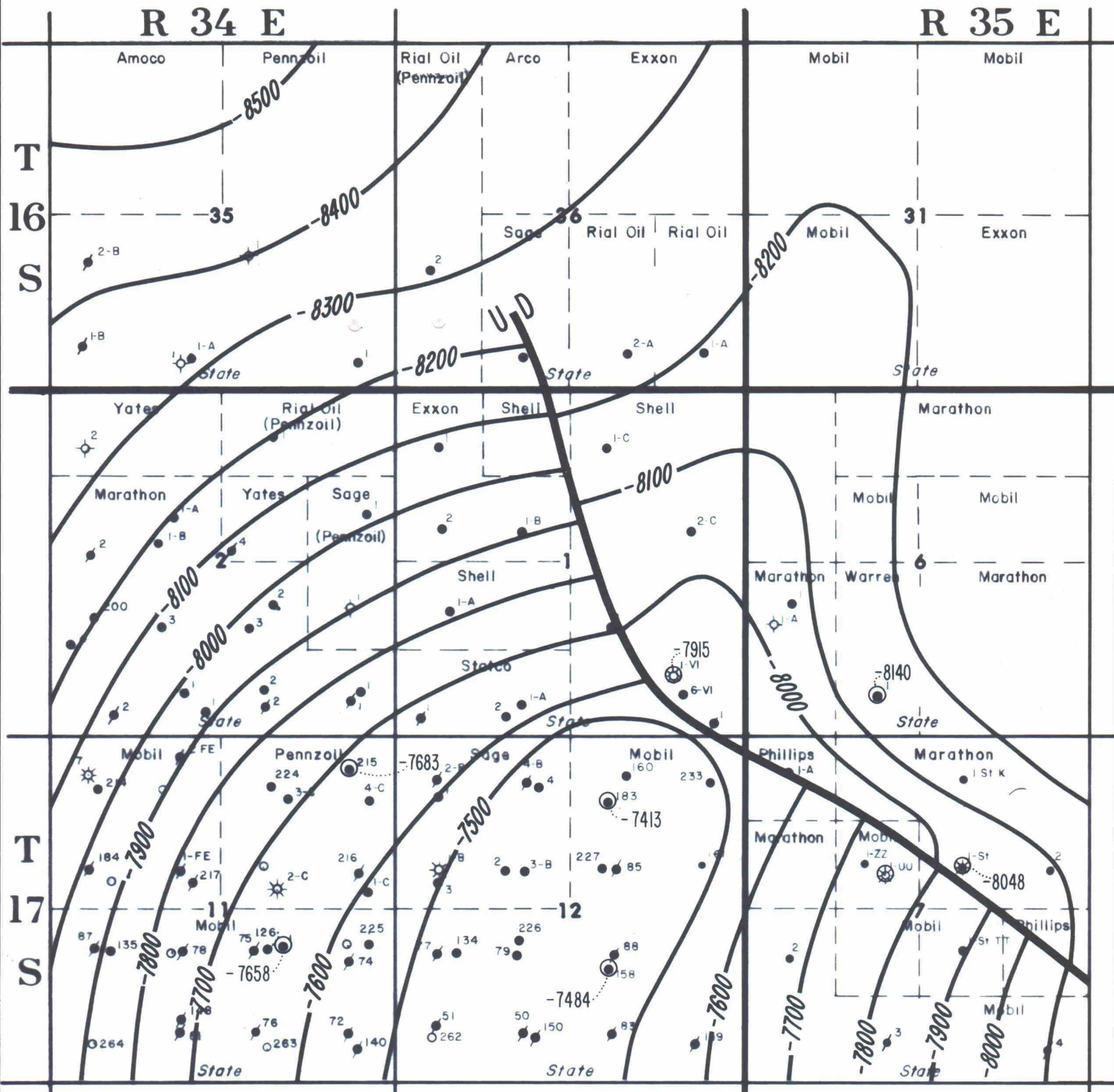
BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION

Pennzoil EXHIBIT NO. 3
CASE NO. 8394

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Exhibit Corp EXHIBIT NO. 3

SE NO. 8498 & 8499



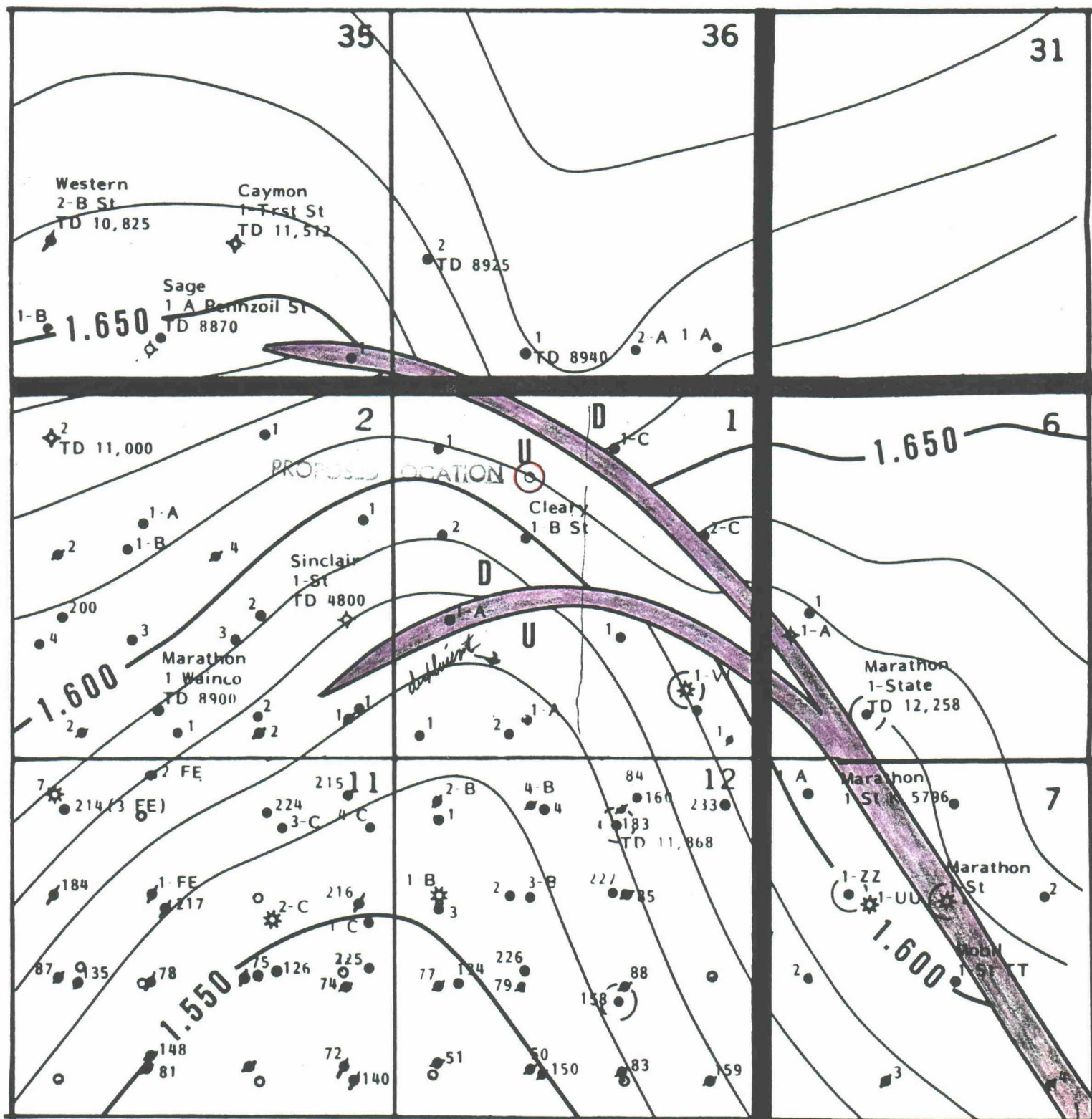
**EXXON CORPORATION
NORTH VACUUM AREA
Lea County, New Mexico**

STRUCTURE TOP MORROW

Scale: 1" = 2000'
February 27, 1985

C.I. - 100'
M.R. Riggle

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
EXXON Corp. EXHIBIT NO. 4
CASE NO. 8498 & 8499



VACUUM NORTH AREA
LEA COUNTY, NEW MEXICO
STRUCTURE MAP

TOP OF PENNSYLVANIAN
MORROW

CONTOUR INTERVAL .010 sec

SCALE 1"=2000'

OCTOBER, 1984

A.D. BELL

fault
not in the
stake

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
Exxon Corp. EXHIBIT NO. 5
CASE NO. 8498 & 8499

BEFORE EXAMINER STOGNER
OIL CONSERVATION DIVISION
Pennzoil EXHIBIT NO. 4
CASE NO. 8394

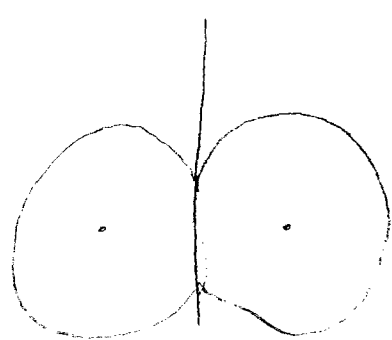
PENALTY PROPOSAL

(back wells for any zone)

$$\frac{\text{Actual distance from boundary}}{\text{Permitted distance from boundary}} = \frac{990'}{1980'} = 50\%$$

Dehydration

- deliverability capability
seven day test per quarter
(1/2) (drop during test period)



Exxon Corp. EXHIBIT NO. 6
CASE NO. 8498 & 8499

Exxon Corporation
Exhibit No. _____
Case No. 8498 & 8499
February 27, 1985