

FOUR TOWNSHIP PLAT

Scale: 1 inch = 1 1/2 mile

Printed in U.S.A.

HADLEY #1
T10S, R27E
Section 36

SE/4 NE/4 (2290 FNL 1200 FEL)

COUNTY CHAVES

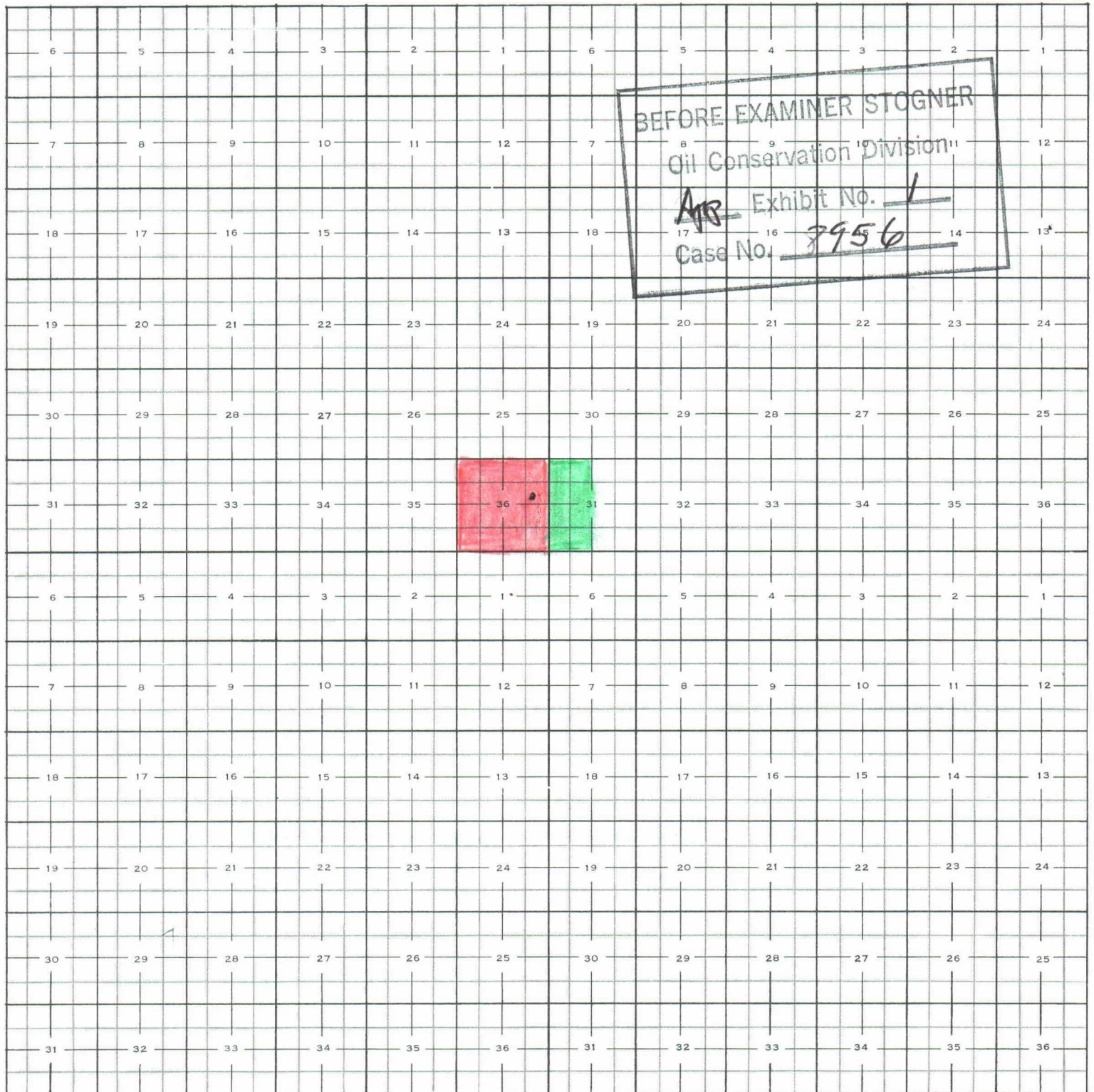
STATE NEW MEXICO

TOWNSHIP 10S

RANGE 27E

TOWNSHIP 10S

RANGE 28E



TOWNSHIP

RANGE

TOWNSHIP

RANGE

● Proposed Location

See attached Addendum

ADDENDUM

T10S R28E

Section 31

W2

Chaves County, New Mexico

The Lessees of this acreage own undivided interests as follows:

Cibola Energy Corporation.....	.5313265
Plains Radio Broadcasting.....	.3749063
Yates Exploration.....	.0312578
Eldorado Oil.....	.0625094

The Lessors of this acreage are:

L. E. Minerals.....	75.
UV Industries (Tenneco).....	12.5
Exchange Oil and Gas.....	6.25
White Ranch Minerals, Ltd.....	4.296875
Francisca Winston Trust.....	.781250
Frederick Winston Trust.....	.390625
Selma Andrews Trust.....	.78125

T10S, R27E

Section 36

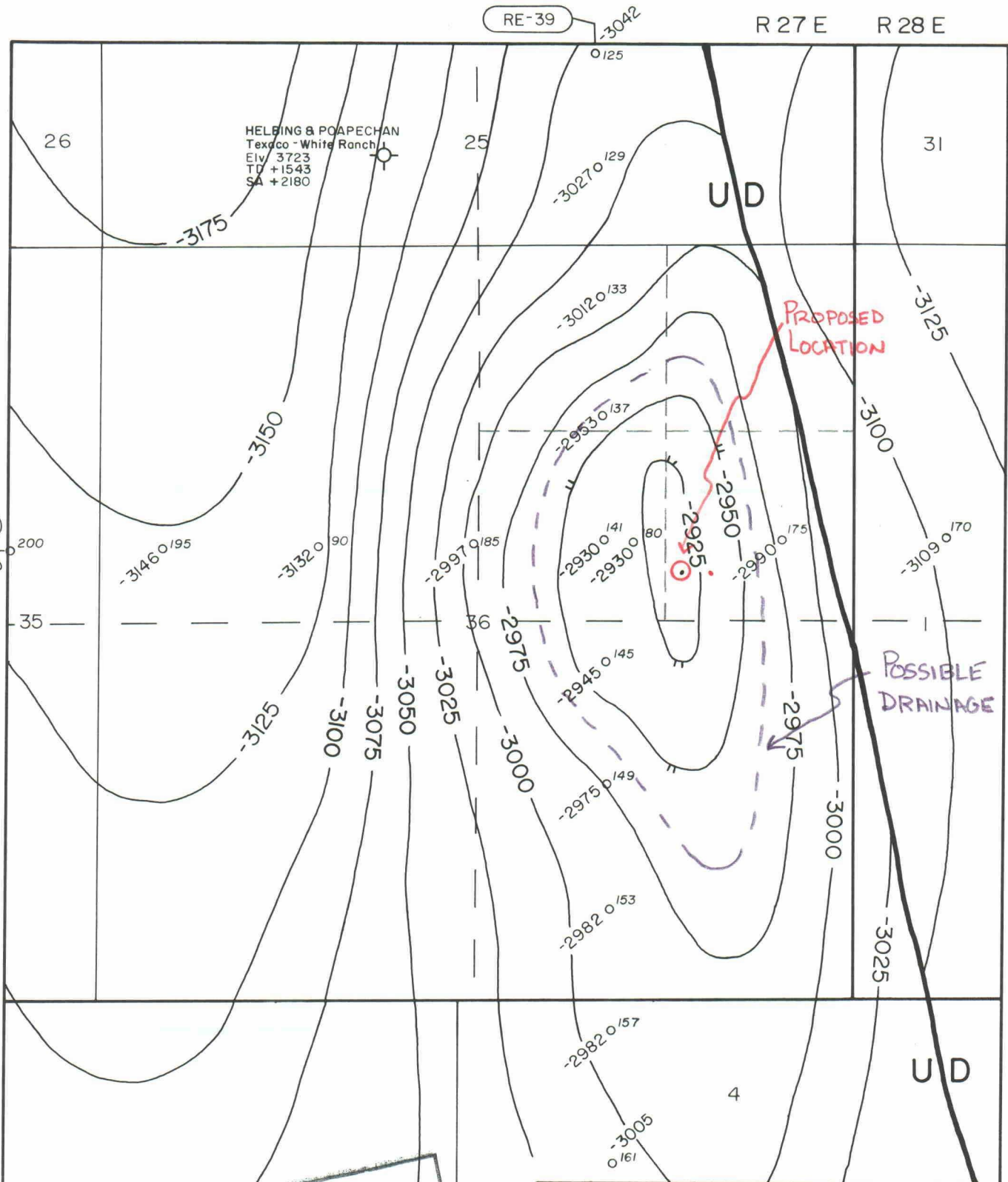
Chaves County, New Mexico

Lessees of this acreage own undivided interests as follows:

Cibola Energy Corporation.....	.95
Yates Exploration.....	.05

The Lessor of this acreage is:

The State of New Mexico



5
BEFORE EXAMINER STOGNER
Oil Conservation Division
Exhibit No. 2
Case No. 8956

TOWNSHIP LINE PROSPECT
REFLECTION SEISMOGRAPH SURVEY
TOP OF THE MISSISSIPPIAN LIMESTONE

Date: Feb. 1985
By: S. Jensen

Scale: 1" = 1000'
CI = 25'

County: Chaves
State: N.M.

PROSPECT LOCATED 1200' FEL & 2290' FNL R 28 E

Drawn by: J. Grimm

July 17, 1986

TOWNSHIP LINE

The orthodox location is the red dot just east of the proposed location on the Mississippi Lime structure maps. I estimate we will lose 10 ft. of structure and 10 acres of effective drainage. The volume of oil not drained will be:

$$V = R A B (\Sigma (h(1-SW)\phi))$$

$$V = 10 \text{ AC.} \times 7758 \frac{\text{BLLS}}{\text{AC-FT}} (10 \text{ FT.} \times (1-.2) \times .12) \times .5$$

$$V = 37,238 \text{ BLLS.}$$

A - ACRES DRAINED ..

B - 7758 BLLS/AC-FT

h - thickness

ϕ - POROSITY

SW - WATER SATURATION

R - RECOVERY FACTOR

Steve Jensen
Geophysicist

BEFORE EXAMINER STOGNER	
Oil Conservation Division	
<u>App</u>	Exhibit No. <u>3</u>
Case No.	<u>8956</u>