

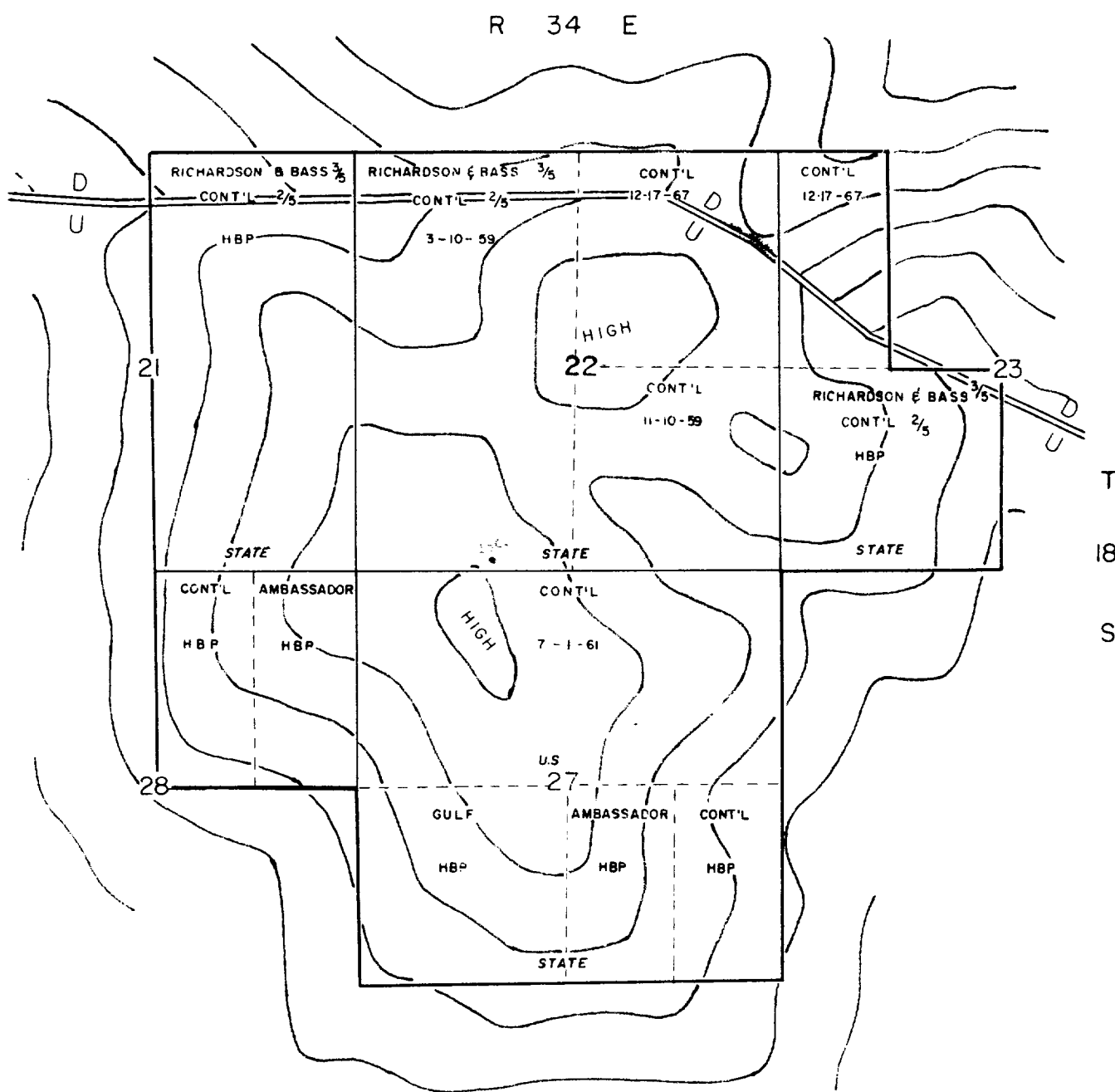


EXHIBIT A-1

MAP OF

TONTO DEEP UNIT

(RIGHTS BELOW 6000')

Lea County, New Mexico

T 18 S - R 34 E

SEISMIC STRUCTURE MAP

HORIZON - DEVONIAN

CONTOUR INTERVAL - 80 FEET

— UNIT OUTLINE

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 1514
CASE NO. 1514

R 34 E

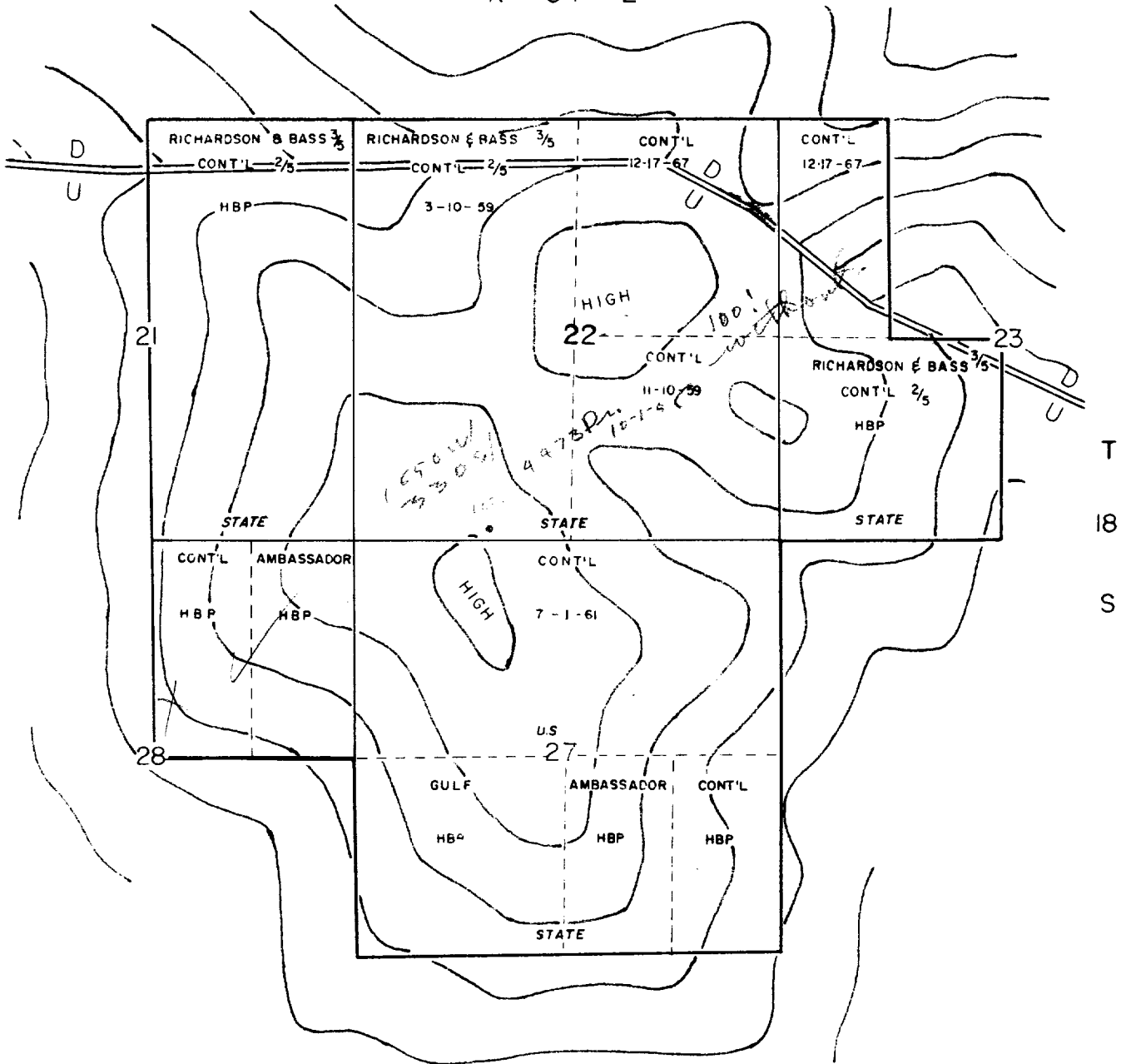


EXHIBIT A-1

MAP OF

TONTO DEEP UNIT

(RIGHTS BELOW 6000')

Lea County, New Mexico

T 18 S - R 34 E

SEISMIC STRUCTURE MAP

HORIZON - DEVONIAN

CONTOUR INTERVAL - 80 FEET

UNIT OUTLINE

10300
16600
121000
14300
6000.

320 feet
1680
2000

98% signed

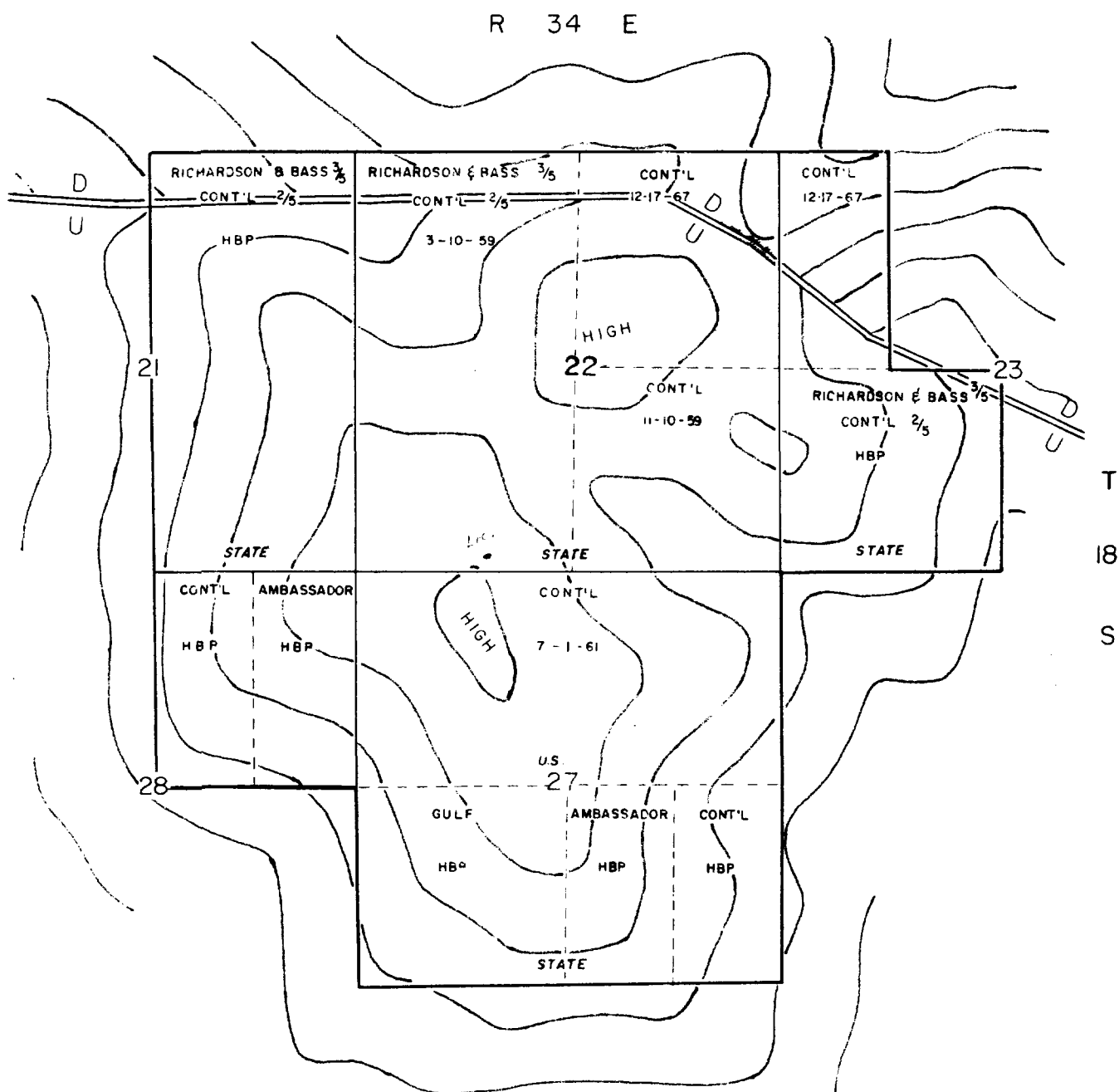


EXHIBIT A-I

MAP OF

TONTO DEEP UNIT

(RIGHTS BELOW 6000')

Lea County, New Mexico

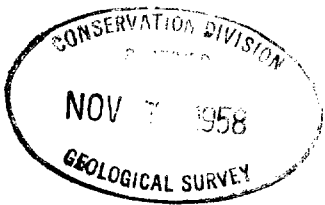
T 18 S - R 34 E

SEISMIC STRUCTURE MAP

HORIZON - DEVONIAN

CONTOUR INTERVAL - 80 FEET

— UNIT OUTLINE



F, 1
C
1514

CERTIFICATION - DETERMINATION

14-08-001-52 94

Pursuant to the authority vested in the Secretary of the Interior, under the Act approved February 25, 1920, 41 Stat. 437, 30 U.S.C., Secs. 181, et seq., as amended by the Act of August 8, 1946, 60 Stat. 950, and delegated to the Director of the Geological Survey pursuant to Departmental Order 2365 of October 8, 1947, 43 C.F.R. Sec. 4.611, 12 F.R. 6784, I do hereby:

A. Approve the attached agreement for the development and operation of the Tonto Deep Unit Agreement, Lea County, New Mexico.

B. Certify and determine that the unit plan of development and operation set forth in the attached agreement is necessary and advisable in the public interest and is for the purpose of more properly conserving the natural resources.

C. Certify and determine that the drilling, producing, rental, minimum royalty, and royalty requirements of all federal leases committed to said agreement are hereby established, altered, changed, or revoked to conform with the terms and conditions of this agreement.

Acting

Arthur D. Baker
Director,
United States Geological Survey

Date

DEC 9 1958