Case No
6503

Large Exhibits

V.R.N.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

TOMAHAWK FIELD PROPOSED SALT WATER DISPOSAL SYSTEM

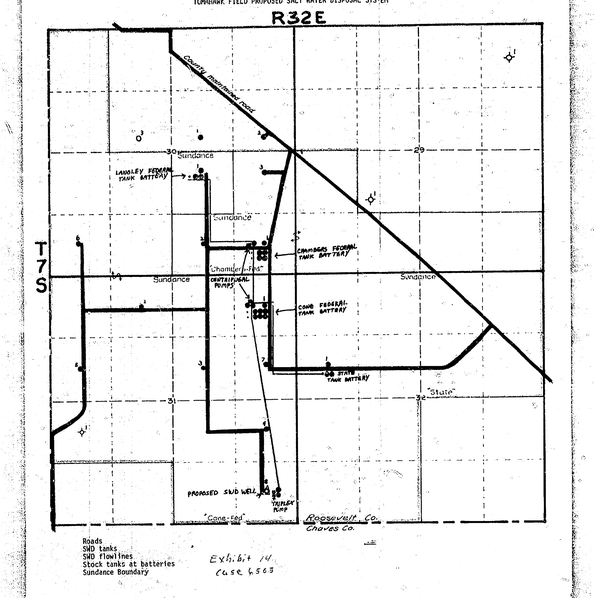
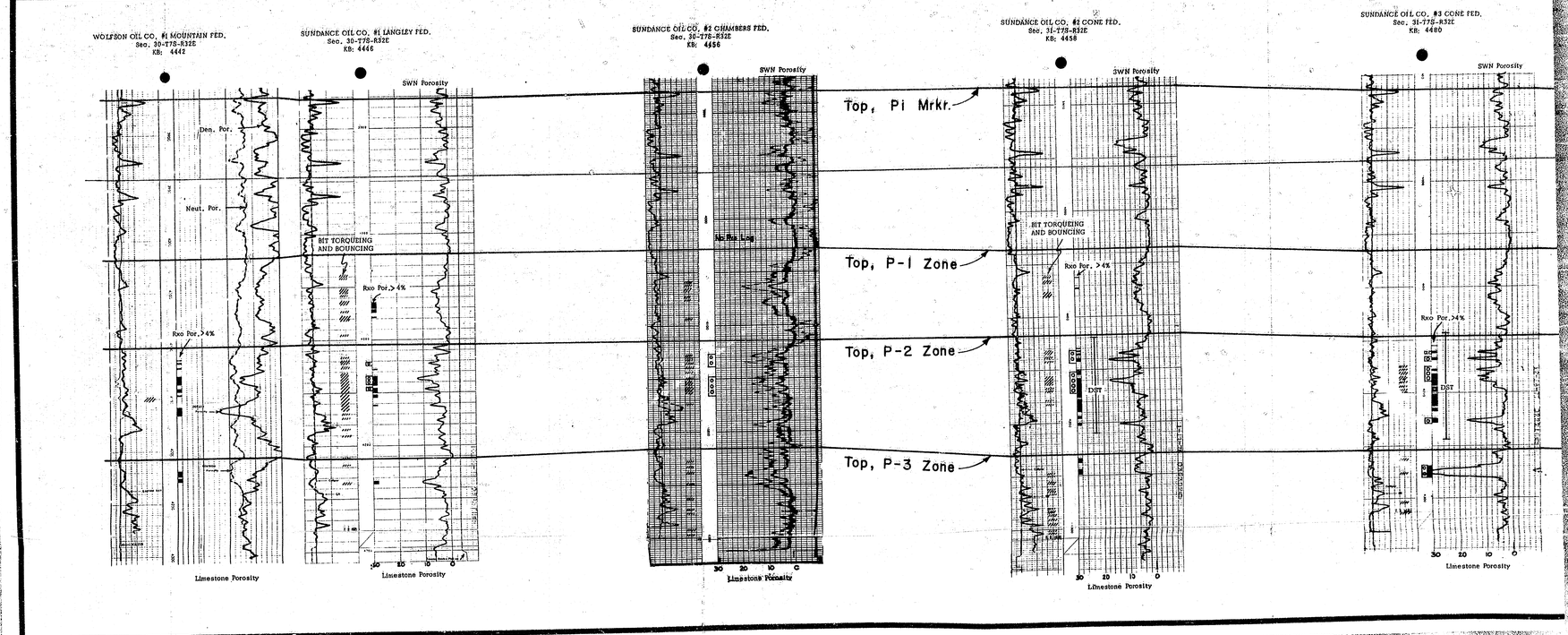
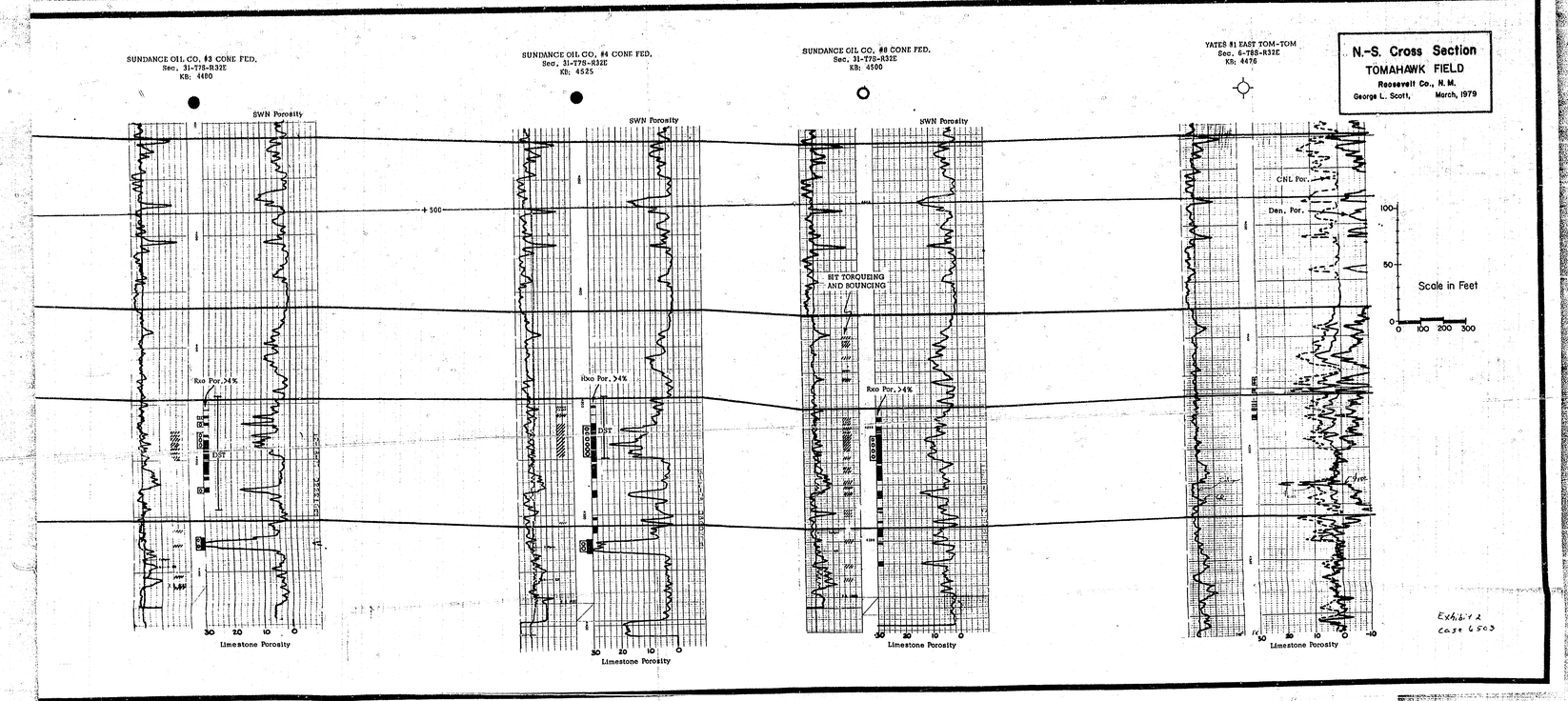


Exhibit 14
Case 6563

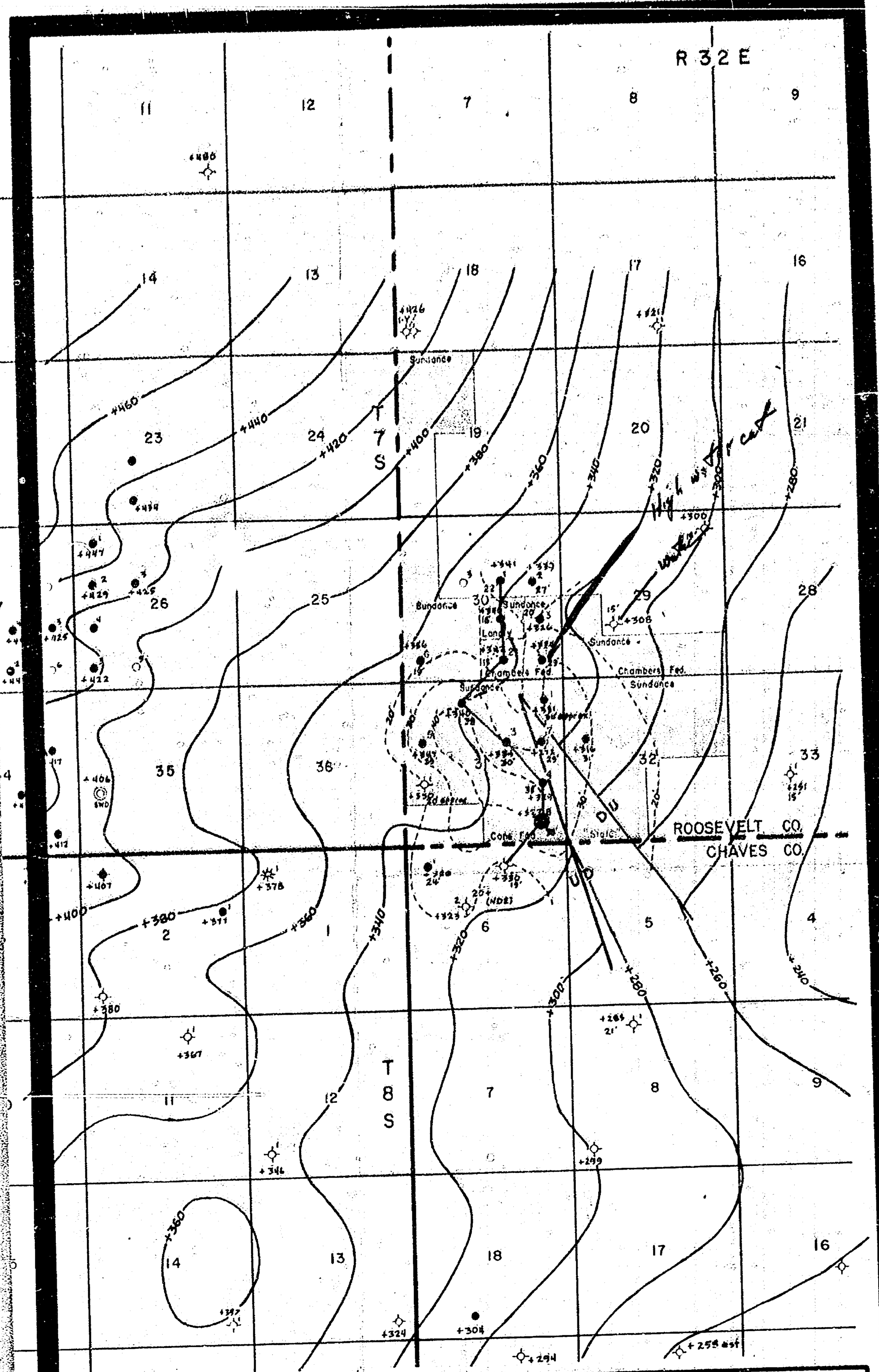
N.M.O.C.D. MICROGRAPHICS
BEST AVAILABLE COPY



W.N.M.C.P. MICROGRAPHICS
BEST AVAILABLE COPY



W.N.M.C.P. MICROGRAPHICS
BEST AVAILABLE COPY



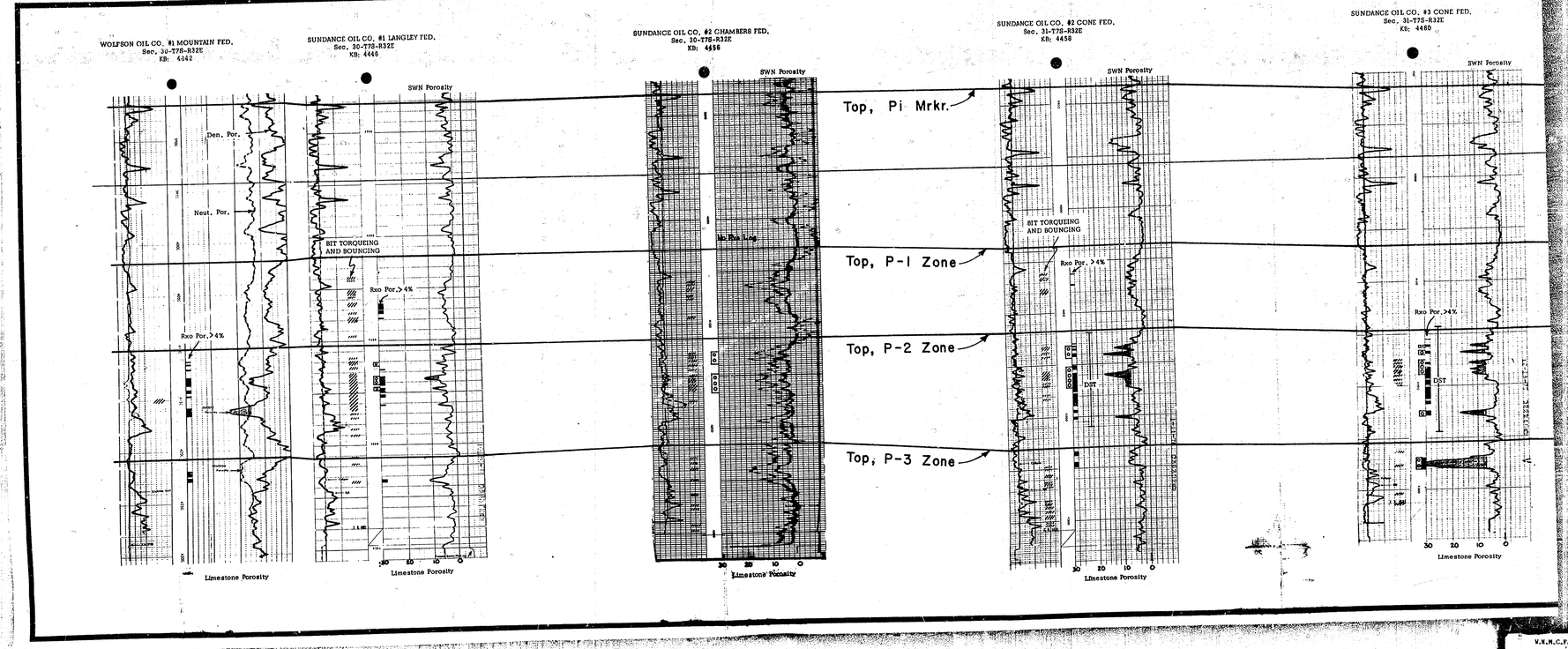
TYPE MAP: Structural and Porosity Isopach	
AREA: TOMAHAWK SAN ANDRES FIELD	
HORIZON: Structural: Top P-2 Zone	Porosity Isopach: P-2 Zone
C.I. Struct.: 20' Por. Isopach: 10'	SCALE: 1"= 1/2 mile
COUNTY: Roosevelt	STATE: New Mexico
DATE: March, 1979	GEOLOGIST: George L. Scott

EXPLANATION

- Structural Contours
- Porosity Isopach Contours
- North-South Cross-Section
- Proposed Salt-Water Disposal Well

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
Applicant EXHIBIT NO. 1
CASE NO. 6503
Submitted by Sundance
Hearing Date 3/28/79

W.H.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY



W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

N.-S. Cross Section
TOMAHAWK FIELD
Roosevelt Co., N. M.
George L. Scott, March, 1979

SUNDANCE OIL CO. #3 CONE FED.
Sec. 31-T7S-R32E
Kb: 4480

SUNDANCE OIL CO. #4 CONE FED.
Sec. 31-T7S-R32E
Kb: 4525

SUNDANCE OIL CO. #8 CONE FED.
Sec. 31-T7S-R32E
Kb: 4500

YATES #1 EAST TOM-TOM
Sec. 6-T8S-R32E
KB: 4476

SWN Porosity

Rxo Por. >4%

DST

BIT TORQUEING AND BOUNCING

Delta Por. Scale
10

CNL Por.

Den. Por.

Cross-Plot Porosity

+500

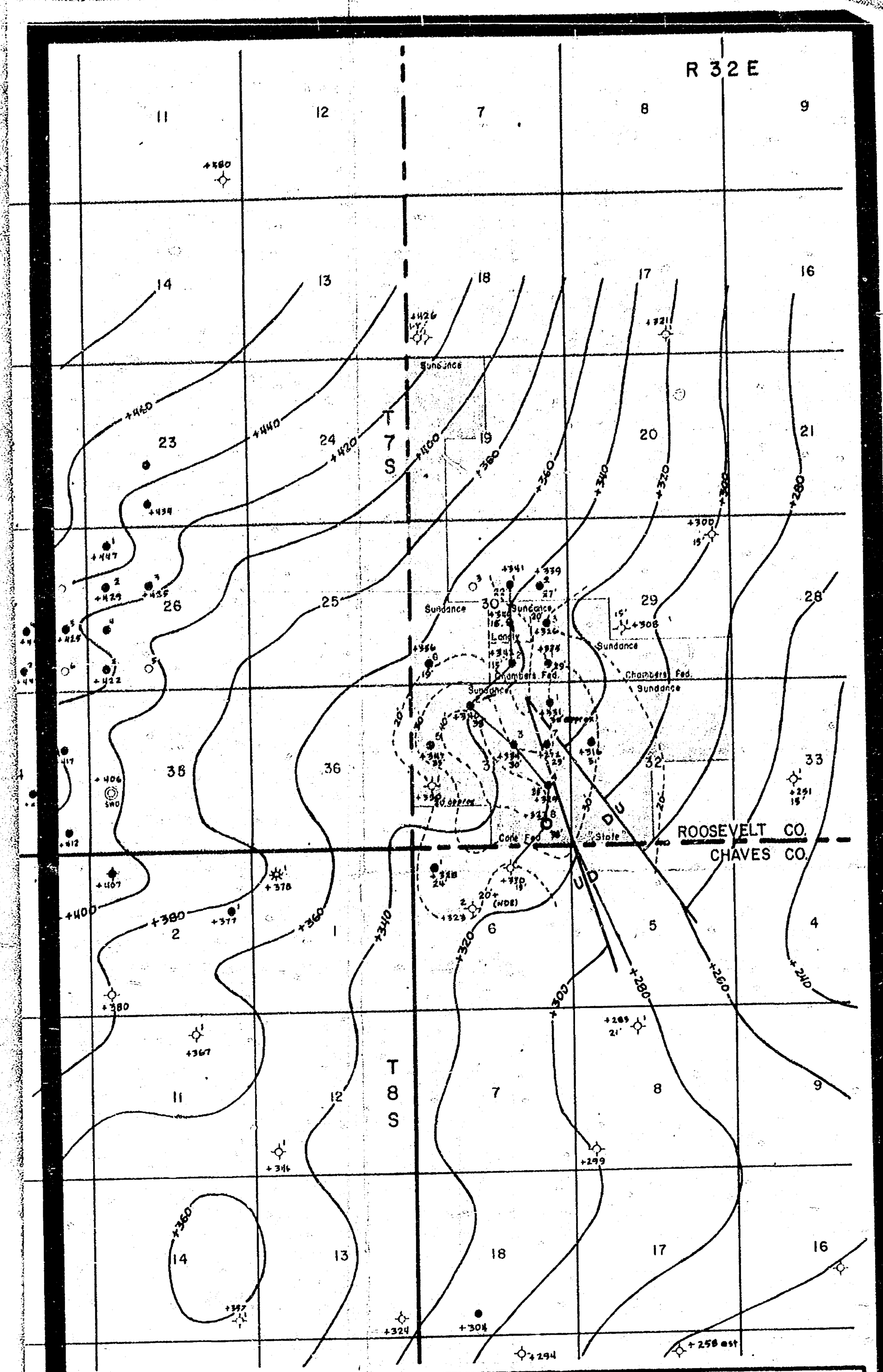
Limestone Porosity

30 20 10 0

100
50
0
Scale in Feet
0 100 200 300

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
Yates EXHIBIT NO. 3
CASE NO. 6653
Submitted by Sundance Oil Co.
Hearing Date 11/28/79

V.N.M.C.P. MICROGRAPHICS
BEST AVAILABLE COPY



TYPE MAP: Structural and Porosity Isopach	
AREA: TOMAHAWK SAN ANDRES FIELD	
HORIZON: Structural: Top P-2 Zone	Porosity Isopach: P-2 Zone
C.I. Struct.: 20' Por. Isopach: 10'	SCALE: 1"= 1/2 mile
COUNTY: Roosevelt	STATE: New Mexico
DATE: March, 1979	GEOLOGIST: George L. Scott

EXPLANATION

Structural Contours.

Porosity Isopach Contours.

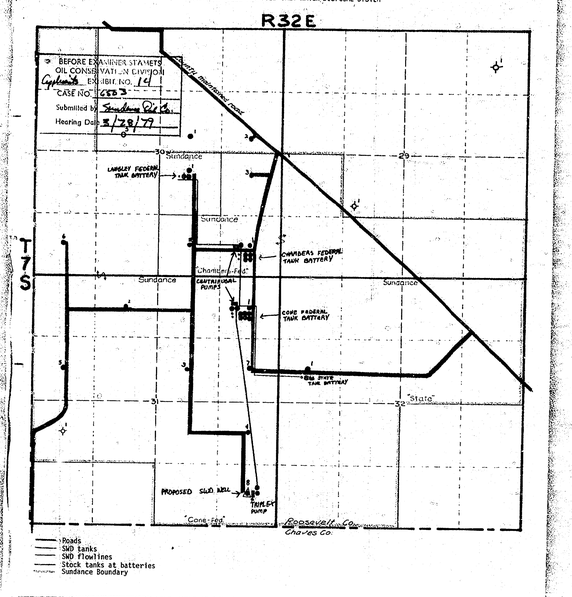
North-South Cross-Section.

Proposed Salt-Water Disposal Well.

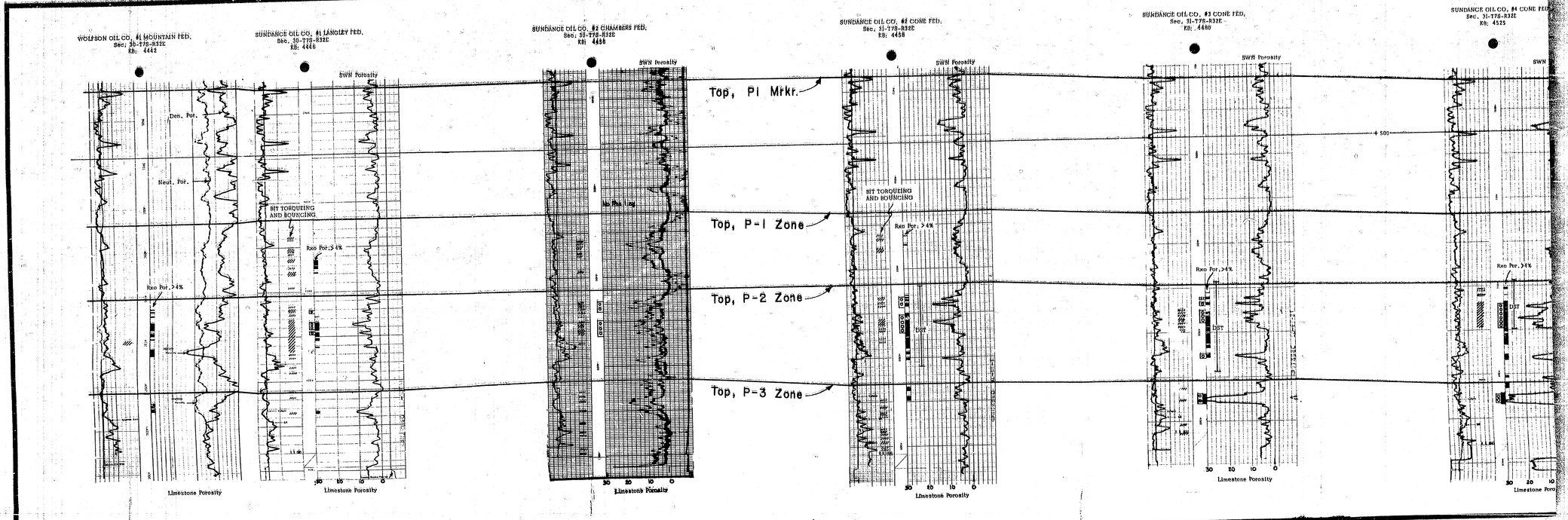
Exhibit 1
Case 6503

N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

TOMAHAWK FIELD PROPOSED SALT WATER DISPOSAL SYSTEM



W.R.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY



W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

SUNDANCE OIL CO. #3 CONE FED.
Sec. 31-17S-32E
KB: 4480

SUNDANCE OIL CO. #4 CONE FED.
Sec. 31-17S-32E
KB: 4525

SUNDANCE OIL CO. #8 CONE FED.
Sec. 31-17S-32E
KB: 4500

YATES #1 EAST TOM-TOM
Sec. 6-18S-32E
KB: 4476

N.-S. Cross Section
TOMAHAWK FIELD
Roosevelt Co., N.M.
George L. Scott, March, 1979

SWN Porosity

+500

Rxo Por. >4%

DST

BIT TORQUEING AND BOUNCING

CNL Por.

Den. Por.

Limestone Porosity

30 20 10 0

100 50 0

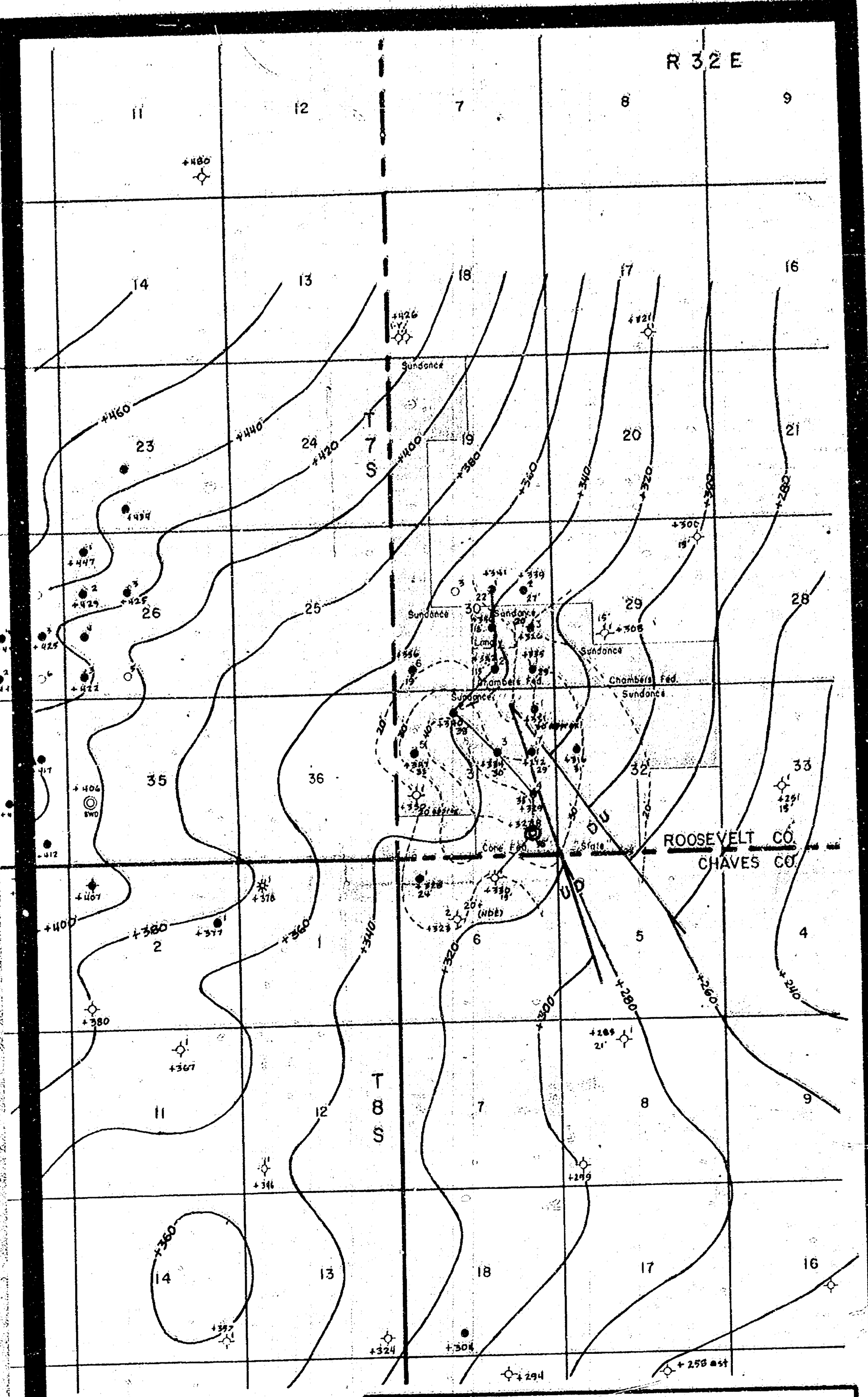
Scale in Feet

0 100 200 300

6 x 2

W.N.M.C.F. MICROGRAPHICS

BEST AVAILABLE COPY



TYPE MAP: Structural and Porosity Isopach	
AREA: TOMAHAWK SAN ANDRES FIELD	
HORIZON: Structural: Top P-2 Zone	Porosity Isopach: P-2 Zone
C.I. Struct.: 20' Por. Isopach: 10'	SCALE: 1"= 1/2 mile
COUNTY: Roosevelt	STATE: New Mexico
DATE: March, 1979	GEOLOGIST: George L. Scott

6503
Ex 1

EXPLANATION

Structural Contours.

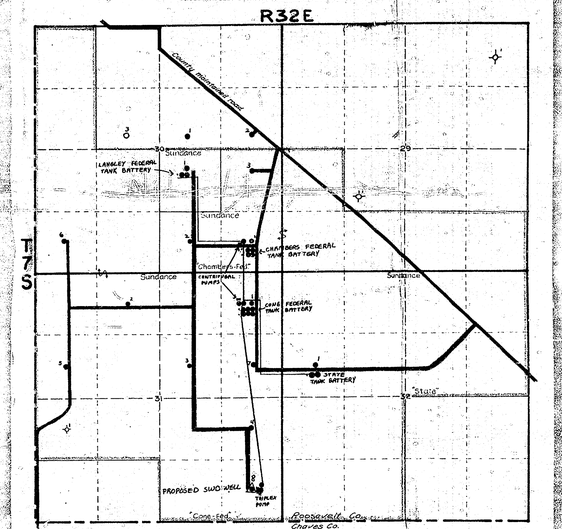
Porosity Isopach Contours.

North-South Cross-Section.

Proposed Salt-Water Disposal Well.

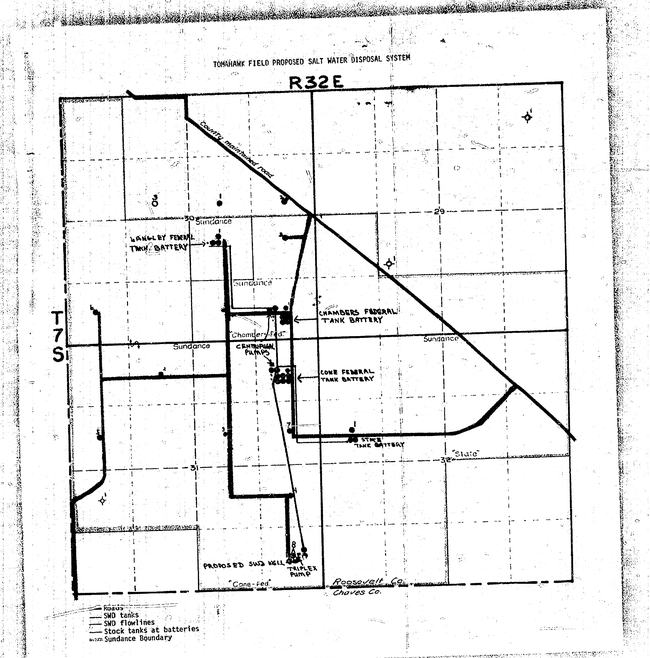
N.M.O.C.D. MICROGRAPHICS
BEST AVAILABLE COPY

TOMAHAWK FIELD PROPOSED SALT WATER DISPOSAL SYSTEM



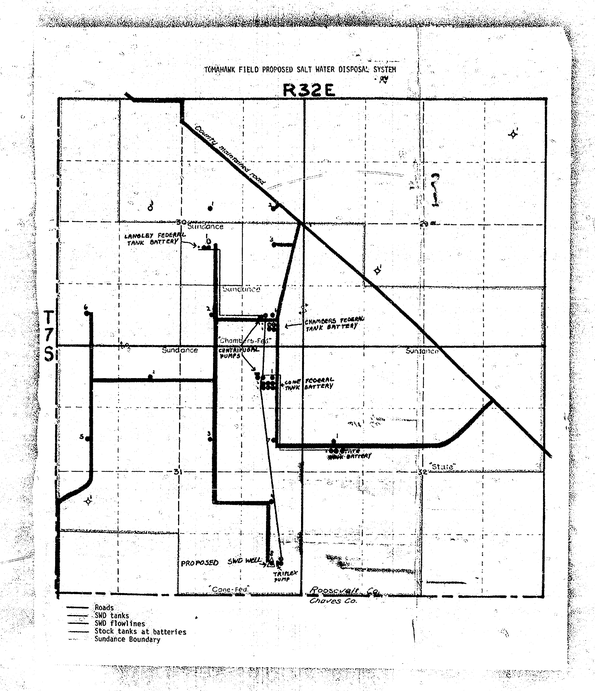
W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

TOMAHAWK FIELD PROPOSED SALT WATER DISPOSAL SYSTEM



W.N.M.C.F. MICROGRAPHICS
BEST AVAILABLE COPY

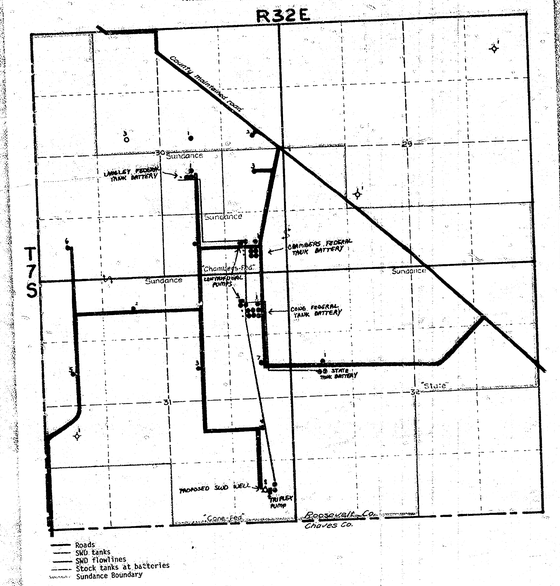
TOMAHAWK FIELD PROPOSED SALT WATER DISPOSAL SYSTEM



W.N.M.C.P. MICROGRAPHICS

BEST AVAILABLE COPY

TOMAHAWK FIELD PROPOSED SALT WATER DISPOSAL SYSTEM



U.N.M.C.P. MICROGRAPHICS
BEST AVAILABLE COPY