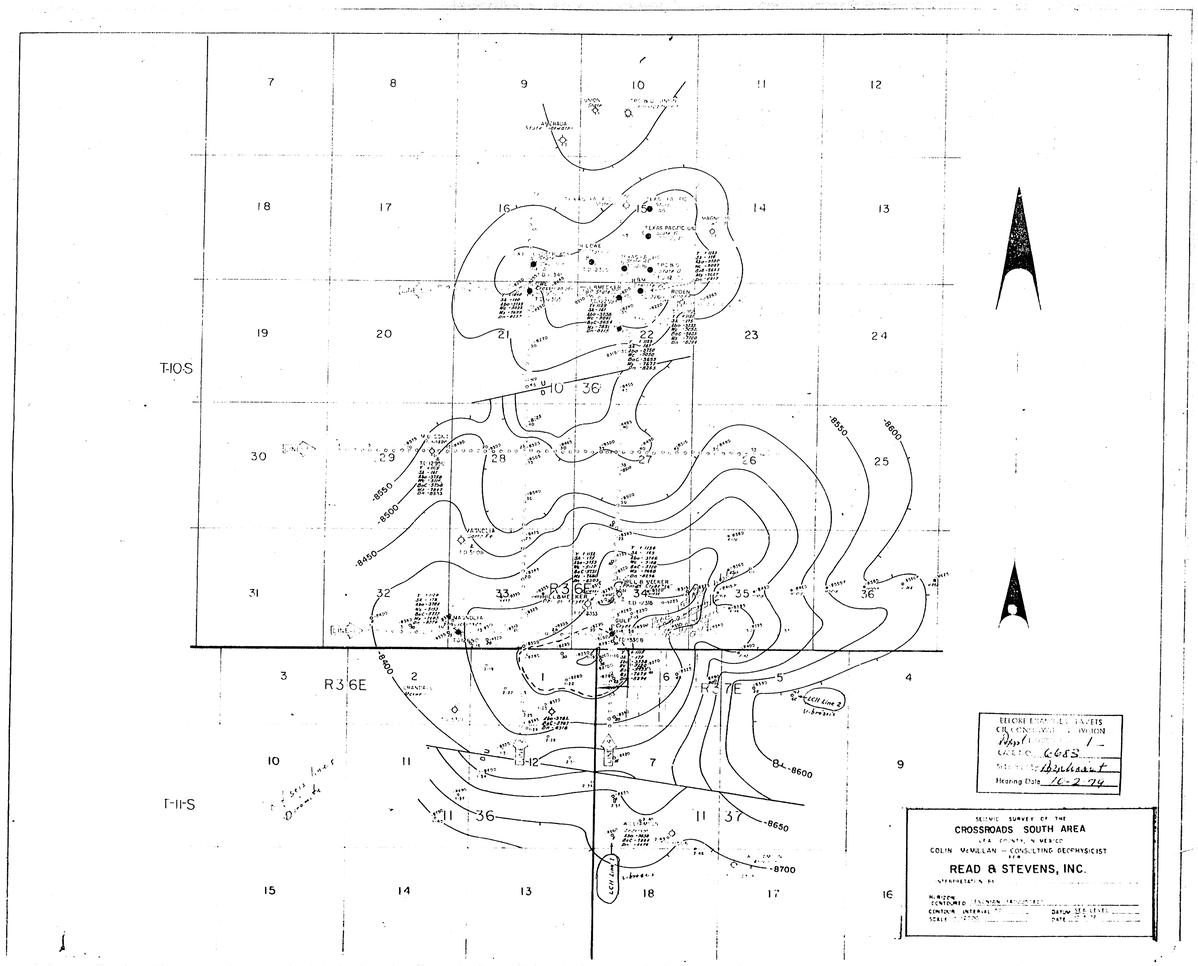
Case No.
6683

Large Exhibits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R37E
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-8700
Bell Canyon
Cherry Canyon
Brushy Canyon
Lower Brushy Canyon
Bone Spring
Wolfcamp
Penn Clastics
Strawn
Atoka
Morrow
Mississippian
Devonian
Ellenburger
Pre-Cambrian
Yates
Seven Rivers
Queen
Grayburg
San Andres
Glorieta
Tubb
Abo
Wolfcamp
Cisco
Canyon
Strawn
Atoka
Morrow
Mississippian
Devonian
Ellenburger
Pre-Cambrian
Texas Pacific Oil Co.
Inc.
Amerada
Gulf
Sinclair
Wilson
Mobil
Union
Phillips
Getty
Shell
Kerr-McGee
Hanson
Yates
Pennzoil
Exxon
Hondo
Tenneco
Marathon
Cities Service
Amoco
Texaco
Skelly
Conoco
Champlin
Sun
Continental
Hunt
Read & Stevens
Mesa
Union Texas
Union Texas Petroleum
Getty Oil Co.
Shell Western E&P Inc.
Kerr-McGee Corp.
Hanson Prod. Co.
Yates Petroleum Corp.
Pennzoil Co.
Exxon Co. U.S.A.
Hondo Oil & Gas Co.
Tenneco Oil Co.
Marathon Oil Co.
Cities Service Co.
Amoco Prod. Co.
Texaco Inc.
Skelly Oil Co.
Conoco Inc.
Champlin Petroleum Co.
Sun Exploration & Prod. Co.
Continental Oil Co.
Hunt Oil Co.
Read & Stevens Inc.
Mesa Petroleum Co.
Union Texas Petroleum Corp.

A-1 A-2 A-3 A-4 A-5

PROPOSED LOCATION

STRAWN

ATOKA

LOWER MISSISSIPPIAN LIME

WOODFORD SHALE

OIL WATER -8310 OIL-WATER CONTACT

T.D.

DEVONIAN DOLOMITE

GAMMA RAY

NEUTRON

CALIPER

GAMMA RAY

INTERVAL TRANSIT TIME

(1)
IPF 1736 BOPD + 376 BW
A/500 gals; 12,335-73'
Cum prod 156,548 BO
From 5-12-58 to 4-1-66.

(1)
Perf 12,335-355', Op-2'
Prc 1,000# GOB + 30° free oil
+ 500 gals MCA
ISIP 3500#/1'
FP 650#/2h
ASIP 3500#/1'

(2)
5000 gals; 12,335-355' OH
+2,500 gals

(1)
Perf 12,349-53', 4#/ft gals
+ 12,370-80', & 4H+2
+ 12,388 gals; Swb 25 BO + 1 BW/3'

(2)
Perf 12,351-55', 4-H, 500 gals
+ 12 BW/2'

(3)
Perf 12,376-83', 12,443-73'
4#/ft gals
P & AR + 35 MPBO/2h

(4)
Perf 12,335-355', Op-2'
Prc 1,000# GOB + 30° free oil
+ 500 gals MCA
ISIP 3500#/1'
FP 650#/2h
ASIP 3500#/1'

(4)
Perf 12,335-355', Op-2'
Prc 1,000# GOB + 30° free oil
+ 500 gals MCA
ISIP 3500#/1'
FP 650#/2h
ASIP 3500#/1'

NORTH LOVINGTON PROSPECT

Lea County, New Mexico

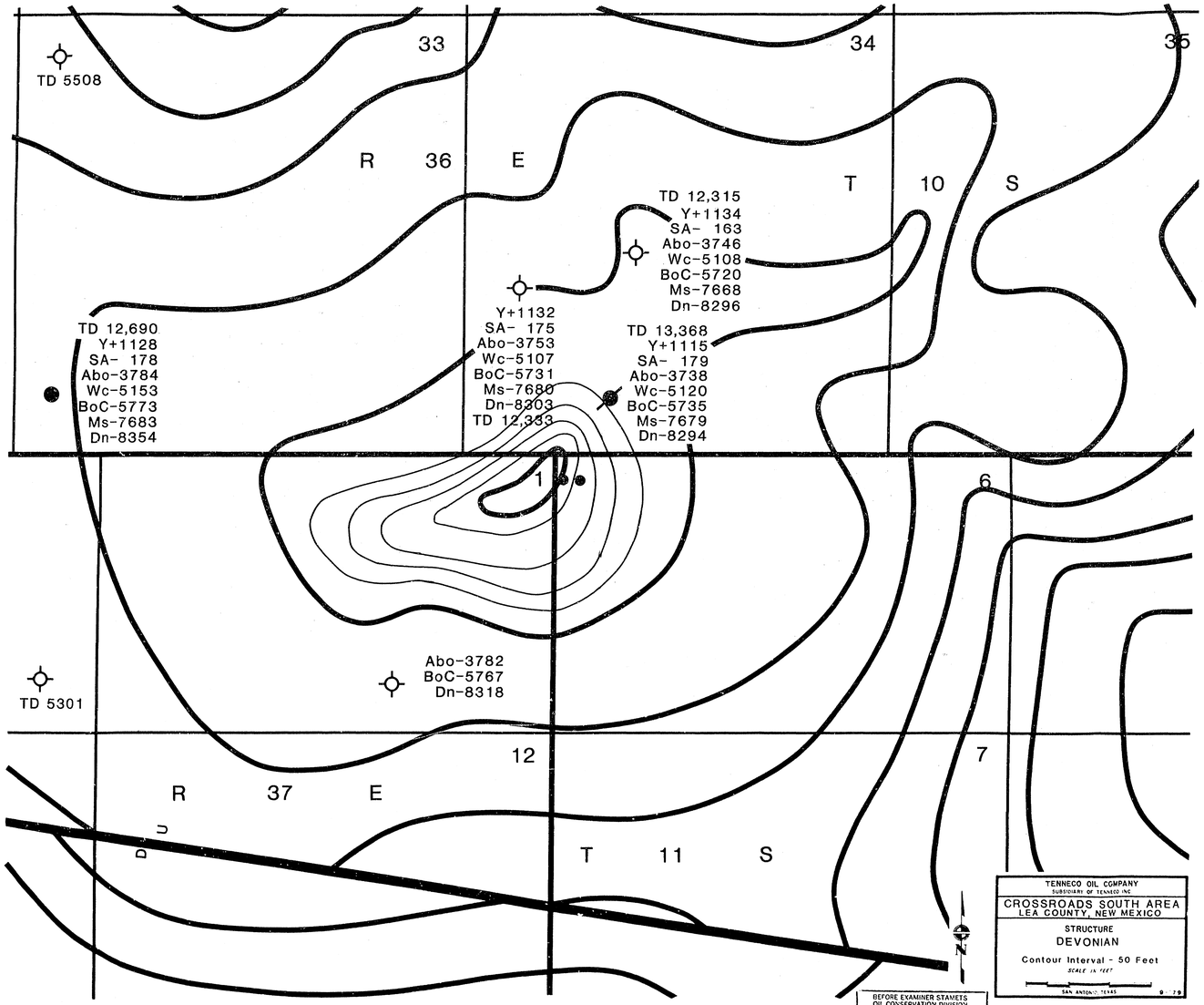
WEST LOVINGTON, FIELD

Vertical Scale ... 1" = 100'
Horizontal Scale ... 1" = 200'

Geologist ... E. A. Yount Date ... October 21, 1957

DEVONIAN STRAWN

Prod
6683
Williamson
12-2-74



TENNECO OIL COMPANY
Subsidiary of Tenneco Inc.

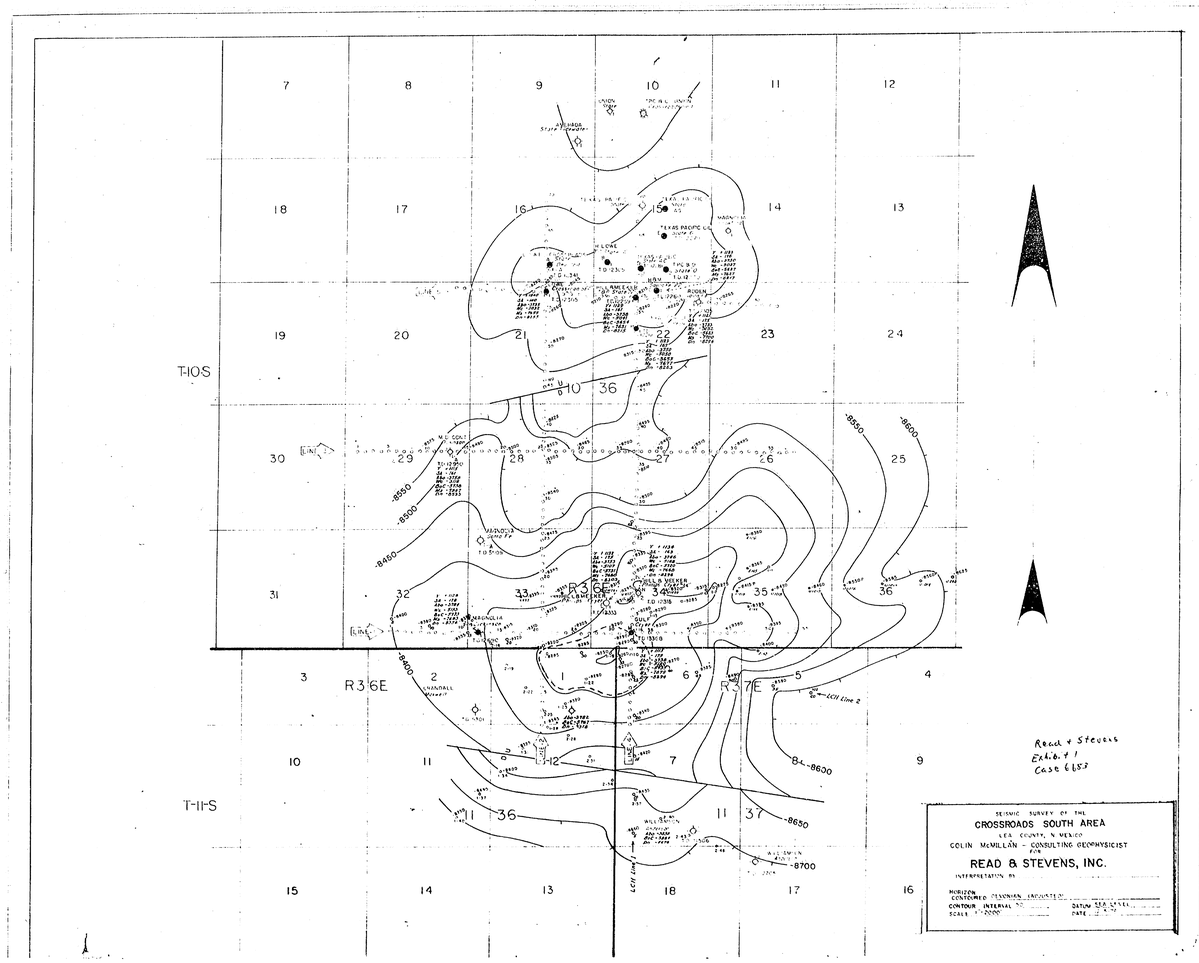
CROSSROADS SOUTH AREA
LEA COUNTY, NEW MEXICO

STRUCTURE
DEVONIAN

Contour Interval - 50 Feet
SCALE IN FEET

SAN ANTONIO, TEXAS 9-79

BEFORE EXAMINER STAMETS
OIL CONSERVATION DIVISION
TENNECO EXHIBIT NO. #3
CASE NO. 6683
Submitted by
Hearing Date 20 SEP 79


T-10S
T-11-S
R36E
R37E
SEISMIC SURVEY OF THE
CROSSROADS SOUTH AREA
LEA COUNTY, N MEXICO
COLIN McMILLAN - CONSULTING GEOPHYSICIST
FOR
READ & STEVENS, INC.
INTERPRETATION BY
HORIZON CONTOURED TENSMAN INDUSTRY
CONTOUR INTERVAL 50'
DATUM SEA LEVEL
SCALE 1"=2000'
DATE
Read & Stevens
Exhibit 1
Case 6153

A-1

A-2

A-3

A-4

PROPOSED LOCATION

A-5

STRAWN

ATOKA

LOWER MISSISSIPPIAN LIME

WOODFORD SHALE

T.D.

OIL

WATER

-8310' OIL WATER CONTACT

DEVONIAN DOLOMITE

GAMMA RAY

NEUTRON

GAMMA RAY

NEUTRON

CALIPER

GAMMA RAY

INTERVAL TRANSIT TIME

Relief Section
Exhibit 2
Case 6653