Case No.
4218

Large Exhibits

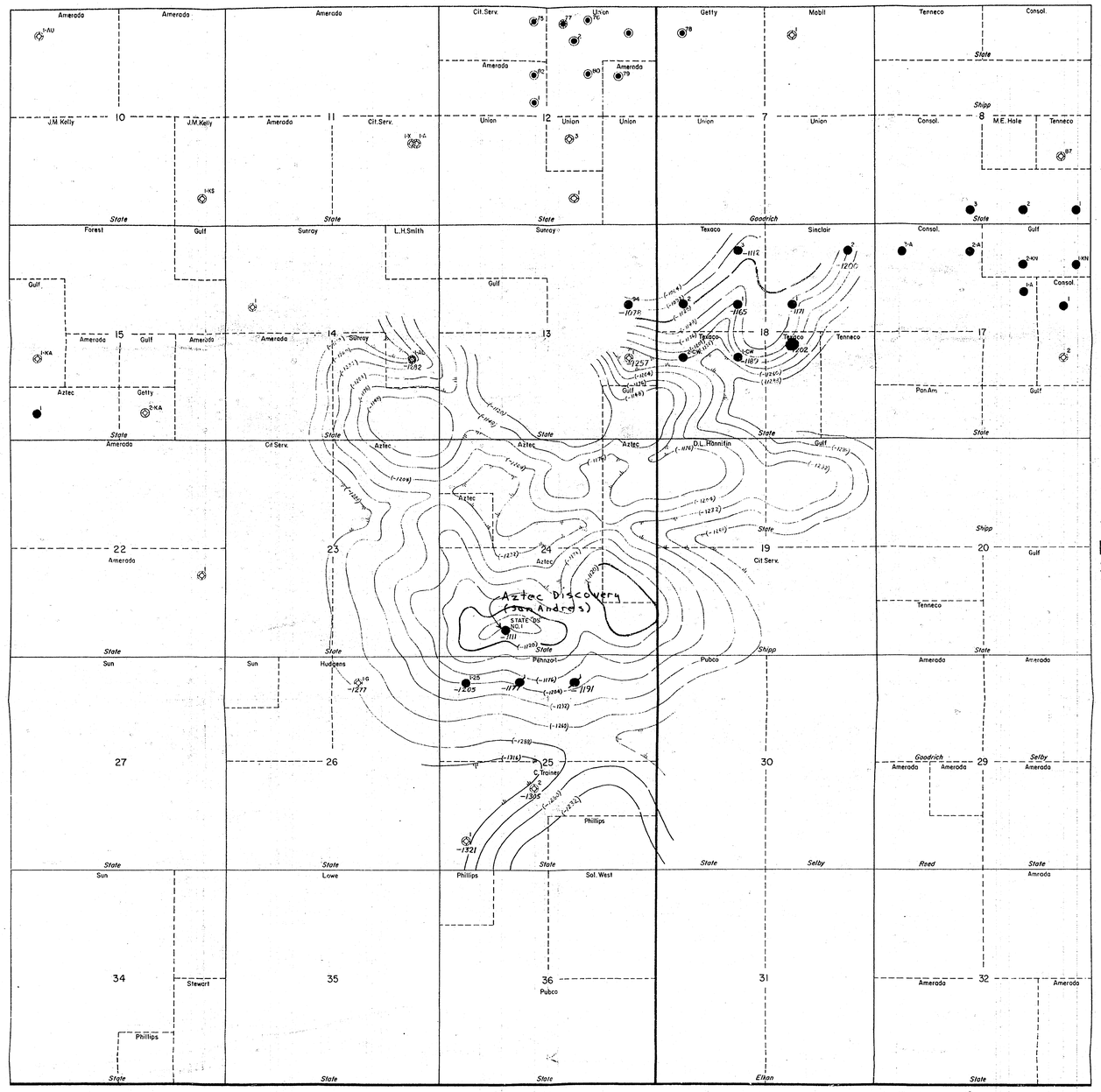
N.M.M.C.F. MICROGRAPHICS

BEST AVAILABLE COPY

R-36-E

R-37-E

T 17 S



LEGEND

- Queen Sd. Well
- San Andres Well
- Abo Well
- Penn. Well
- Dev. Well

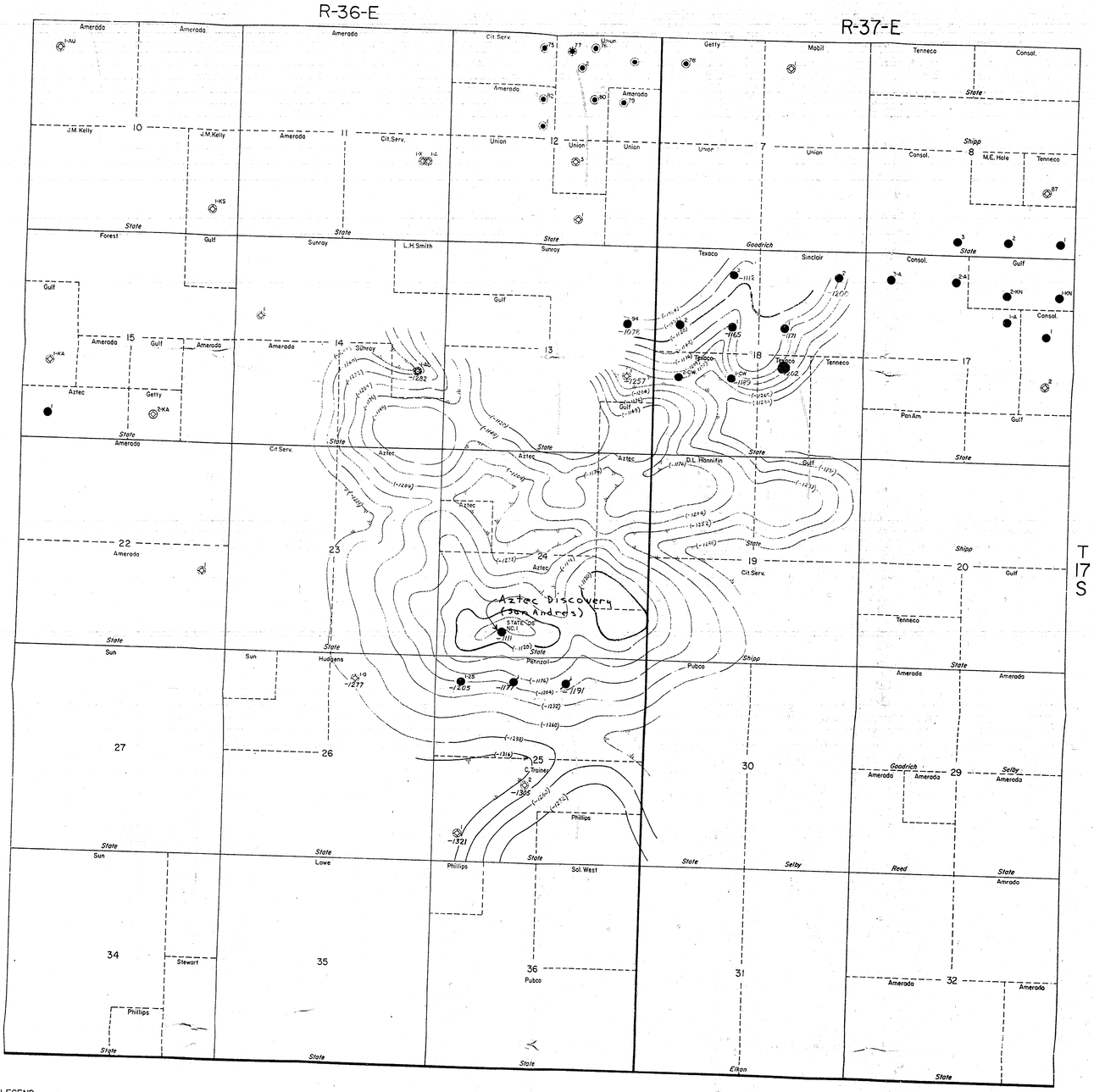
SPENCER AREA
LEA COUNTY, NEW MEXICO

MAP SHOWING
STRUCTURE OF SAN ANDRES
IN VICINITY OF
AZTEC OIL & GAS COMPANY
NO. 1 STATE "DS"
Contour Int. = 28'

Scale
0 1320 2640 3960 5280

Based on Seismic and Subsurface Data

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


R-36-E
R-37-E
T 17 S
Aztec Discovery (San Andres)
STATE "DS" NO. 1
-1111
-1120
Amerada
Cit. Serv.
Union
Getty
Mobil
Tenneco
Consol.
J.M. Kelly
Gulf
Sunray
L.H. Smith
Texaco
Goodrich
Sinclair
Aztec
D.L. Hannifin
Pubco
Pennzoil
Hudgens
Sun
Lowe
Phillips
Sol. West
Stewart
Ethan
Pan Am
M.E. Hale
Shipp
Selby
Reed
State
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-1282
-1165
-1171
-1257
-1191
-1277
-1305
-1321
-1076
-1112
-1202
-1207
-1125
-1127
-1149
-1176
-1232
-1244
-1288
-1316
-1272
-1260
-1264
-1204
-1205
-1169
-1140
-1130
-1117
-1125
-1111
-1120

A'

SW

DEV.

SAN ANDRES

A

ABO
SAN ANDRES

NE

-900'

-900'

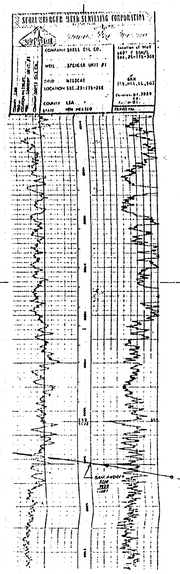
-1000'

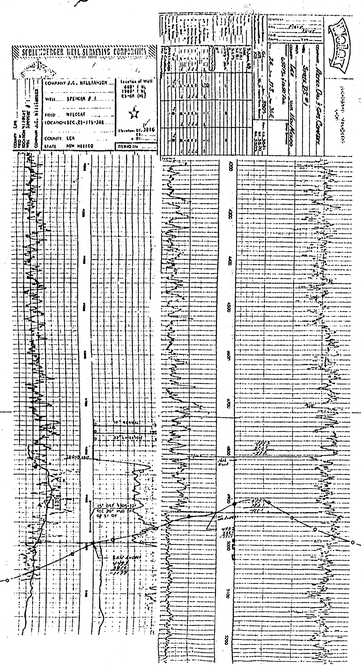
-1100'

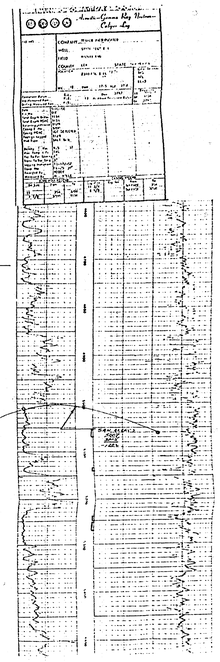
-1200'

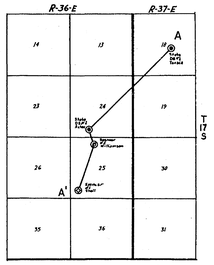
Top San Andres

SEISMIC PROFILE









Spencer Area
Lea County, New Mexico
Cross Section Showing
Structure of San Andres
in Vicinity of
Aztec Oil & Gas Company
No. 1 State "DS"

Horizontal Scale 1 inch = 500 Feet
Vertical Scale 1 inch = 100 Feet

Rec 9-3-96

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

R. 27 E.

T. 21 S.

T. 22 S.

Union | Midwest | Redfern Dev. et al | Pan American | Pan American

Burgett Tochunter-Fee T.D.915

T. Ingram | Midwest | U.S. | Pan American

32 | 33 | 34 | 35 | 36

Tex. O.&G. | Huber Corp. | Martin State T.D.2655

Patoil | U.S. | U.S. | U.S.

City of Carlsbad | Francis Dowling | Francis G. Tracy et al | U.S. | R.S. Light | Ralph Nix et al | State

Union | Patoil | Stetco '68 Ltd. et al | Stetco '68 Ltd. et al | Stetco '68 Ltd. et al | Tex. O.&G. | Huber Corp. | Union | C.R.A. Inc.

F.V. Dowling | Clara Wersell et al | W.W. Simpson, Jr. | Skelly | Huber | Huber

Union et al | E.E. Wilson E.C. Wilson | U.S.

U.S. | Union | Ralph Nix et al | Pan American

5 | 4 | 3 | 2 | 1

Mrs. Jarvis Mead | Mrs. Jarvis Mead | Francis G. Tracy et al | U.S. | State | Pecos Irrigation Co. | H.L. Moore

Union | Union | Union | Union et al | Union Tracy T.D. 10693 | Stetco '68 Ltd. et al | Stoltz et al | Pan American | Stoltz et al

Mrs. Jarvis Mead | Mrs. Jarvis Mead | Martin Kerr T.D.3090 | Marathon

City of Carlsbad | Francis G. Tracy et al | U.S. | Barnes Eddy T.D.2926

T.J. Sivley | Union | Union | Union | D. Sorenson | D.D. Thompson | Union | Union | Union | Union

9 | 9 | 10 | 11 | 12

Grandi | A.J. Colvani | J.F. Buckner | Union

Sivley | T.J. Sivley | Union | D.E. Cooper | Union

City of Carlsbad | F. Forni | C. of C. | Riverside Forms | W. Craft | H. Anderson | Waltescheid Bros | Annette Standley | U.S. | F.G. Tracy, Jr. | Pecos Irrigation Co. | U.S.

T.J. Sivley | D. Sorenson | Union et al | Union | Union | Pan American | Pan American | Stoltz et al

C. Glaze | Ben Wheeler

Sinclair | Sinc. Gir

City of Carlsbad | S. Ginanni | H.C. Bindle | Pecos Irrigation Co.

17 | 16 | 15 | 14 | 13

T.J. Sivley | T.J. Sivley | Union et al | Sinclair | Union et al | Union | Union | I. Forni T.D. 10765 | Pan Amer.

H.J. Briggs | Waltescheid Bros.

T.J. Sivley | Union

City of Carlsbad | R. Calvani | State | Pool 5-NC State T.D. 2084 | Forni Bros. | Forni Bros. | Waltescheid Bros | Pecos Irrigation Co. | U.S.

Union | Union | D.J. Sorenson et al | Superior | Union | Union | Union | Union | Marathon | Marathon | Pan Amer. | Marathon

R. Calvani | Superior | Superior | Forni Bros. | U.S. | U.S. | SW Public Serv.

Pan American | L.O. Fullen et al | Pubco | Pubco | Rebel | Marathon

J.W. Waltescheid | W.W. Forms et al | C.W. Lewis | S.P. Johnson | Triborne Est. | W.G. Hargis | U.S.

20 | 21 | 22 | 23 | 24

Superior | Superior | Union | Union

Marion Atzugary | J.J. Small et al | H.C. Tidwell | E. Grandi | J.C. West | F.J. Rohmer

Superior | Superior | Union | Pubco | Pubco

Union

Frank Gentry et al | O.C. Nichols et al | Alvy Williams et al | Warren Weems | H.H. Grandi | T. Caviness | J. Montoya | L.M. Ferguson | L.M. Ferguson

PRODUCTION CODE

◎ CHERRY CANYON

◎ PERMO-PENN

UNION OIL COMPANY OF CALIFORNIA

CENTRAL REGION

ROSWELL, N.M. DISTRICT

LAND & LOCATION MAP

CARLSBAD AREA

EDDY COUNTY, NEW MEXICO

SCALE 1 INCH = 1000 FEET.

0 1/4 1/2 3/4 1 MILE

Chaves 4-S-18

W.N.M.G.F. MICROGRAPHICS

BEST AVAILABLE COPY

R. 27 E.

T. 21 S.

T. 22 S.

32 | 33 | 34 | 35 | 36

Union | Midwest | Redfern Dev. et al | Burger Tadhunter-Fee 1 T.C.9'5 | Pan American | Pan American

T. Ingram | Midwest | U.S. | Tex O B G | Huber Corp. | Martin Stone 1 T.D.2655

Patoil | U.S. | Pan American | R.S.Light | Ralph Nix et al | State

City of Carlsbad | Francis Dowling | Francis G. Tracy et al | U.S.

5 | 4 | 3 | 2

Union | Patoil | Stelco '68 Ltd. et al | Stelco '68 Ltd. et al | Stelco '68 Ltd. et al | Tex. O.B.G. | Huber Corp. | Union | C.R.A. Inc.

F.V.Dowling | Clara Wersell et al | W. W. Simpson, Jr. | Skelly | Huber | Huber

Union et al | Ralph Nix et al | E.E.Wilson E.C.Wilson | U.S.

U.S. | Union | Pan American

Mrs. Jarvis Mead | Mrs. Jarvis Mead | Francis G. Tracy et al | U.S. | State | Pecos Irrigation Co. | H.L. Moore

Union | Union | Union et al | Union Tracy 1 T.D.10693 | Stelco '68 Ltd. et al | Stoltz et al | Pan American | Stoltz et al

Mrs. Jarvis Mead | Martin Kerr 1 T.D.5210 | Mrs Jarvis Mead | Marathon

City of Carlsbad | Francis G. Tracy et al | U.S. | Miller 1 Eddy T.D.2926

9 | 10 | 11 | 12

T. J. Sivley | Union | Union | Union | D. Sorenson D.O. Thompson | Union | Union | Union | Union

Union | A.J. Colvani | J.F. Buckner

Grandi | T. J. Sivley | Union | T.D.E. Cooper | Union

Sivley

City of Carlsbad | F. Forni | C. of C | Riverside Farms | W. Croft | N. Anderson | Wolleschеid Bros | Annette Standley | U.S. | F. G Tracy, Jr. | Pecos Irrigation Co. | U. S.

T. J Sivley | D. Sorenson | Union et al | Union | Union | Pan American | Pan American | Stoltz et al

C Glaze | Ben Wheeler | Sinclair | Sinclair

City of Carlsbad | S. Ginanni | H C Bindle | Union | Forni 1 T.D.10765 | Pecos Irrigation Co.

17 | 16 | 15 | 14 | 13

T. J. Sivley | T. J. Sivley | Union et al | Sinclair | Union et al | Union | Wolleschеid Bros. | Pan Amer.

H. J. Briggs | Union | Wolleschеid Bros.

T. J. Sivley | Pool D-NC State 2 T.D.2084

City of Carlsbad | R. Calvani | State | Forni Bros. | Forni Bros. | Wolleschеid Bros | Pecos Irrigation Co. | U.S.

Union | Union | D. J. Sorenson et al | Superior | Union | Union | Union | Marathon | Marathon | Pan Amer. | Marathon

R. Calvani | Superior | L. O. Fullen et al | Superior | Forni Bros. | U. S. | U. S. | SW. Public Serv.

Pan American | Superior | Pubco | Pubco | Rebel | Marathon

20 | 21 | 22 | 23 | 24

J. W. Wolleschеid | W. W. Forms et al | C.W. Lewis | S. P. Johnson | Triborne Est. | W.G. Hargis | U. S.

Marion Alzugary | J. J. Small et al | Superior | Union | Union

Superior | H. C. Tidwell | E. Grandi | J.C. West | F. J. Rohmer

Union | Superior | Union | Pubco | Pubco

Frank Gentry et al | O.C. Nichols et al | Alvy Williams et al | Warren Weems | H.H.Grandi | T. Caviness | J. Montoya | L. M. Ferguson | L. M. Ferguson

PRODUCTION CODE

◎ CHERRY CANYON

◎ PERMO-PENN

UNION OIL COMPANY OF CALIFORNIA

CENTRAL REGION

ROSWELL, N.M. DISTRICT

LAND & LOCATION MAP

CARLSBAD AREA

EDDY COUNTY, NEW MEXICO

SCALE 1 INCH = 1000 FEET.

0 | 1/4 | 1/2 | 3/4 | 1 MILE

Case 4018

N.M.O.C.F. MICROGRAPHICS

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