Case No
4259

Large Exhibits

N.M.C.P. MICROGRAPHICS

BEST AVAILABLE COPY

S

A

DEV.

SAN ANDRES

SAN ANDRES

DRY

N

A'

-900'

Top of San Andres

Probable Water-Oil Contact

Spencer - San Andres Pool
Lea County, New Mexico

Cross Section Showing
Structure of San Andres
in Vicinity of
Aztec Oil & Gas Company
No. 1 State "SS"

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

R-36-E

R-37-E

T 17 S

Queen Sd. Well
San Andres Well
Penn. Well
Devonian Well
Abo Well

U.S.G.S. MICROGRAPHICS

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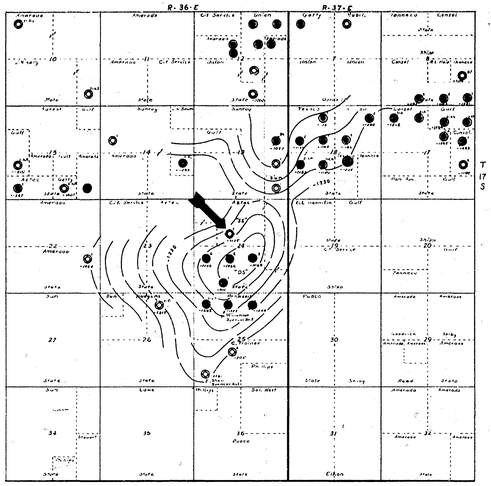

Legend:

- QUEEN SD. WELL
- SAN ANDRES WELL
- ABO WELL
- PENN. WELL
- DEV. WELL

CONTOUR INTERVAL = 50'

SPENCER-SAN ANDRES POOL
LEA COUNTY, NEW MEXICO
Map Showing
Structure of San Andres
in vicinity of
AZTEC OIL & GAS COMPANY
No.1 STATE "SS"

SCALE
0 3640 3280

Case 4259

N.M.O.C.C. MICROFILMING

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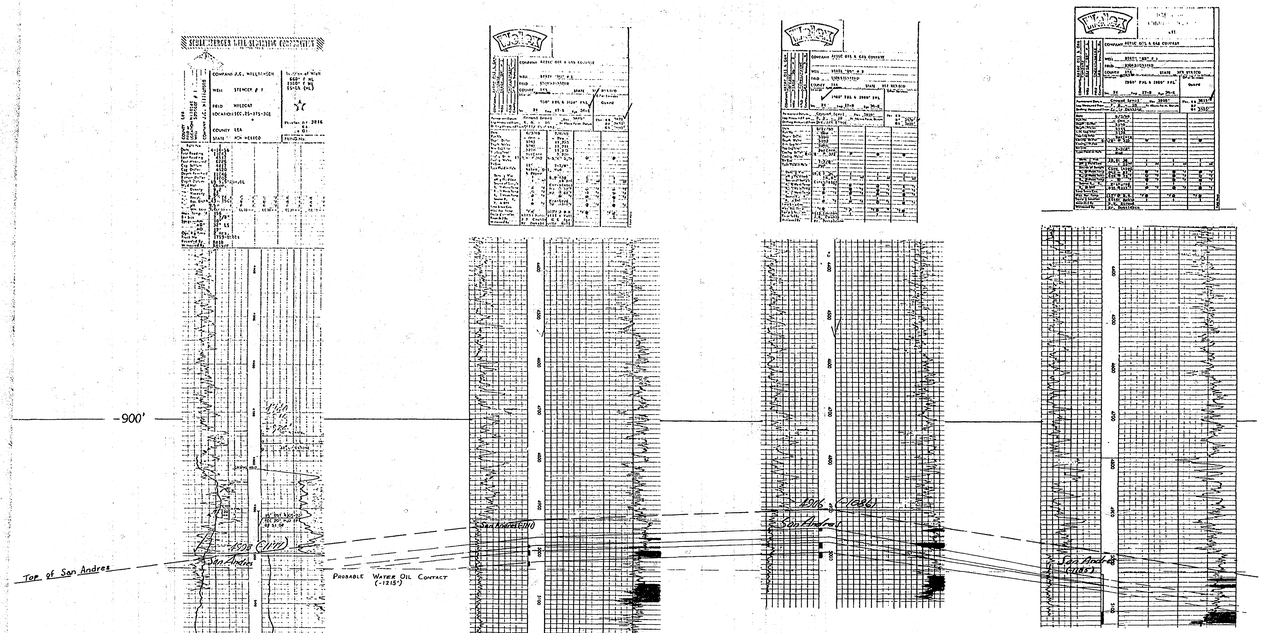
S — N

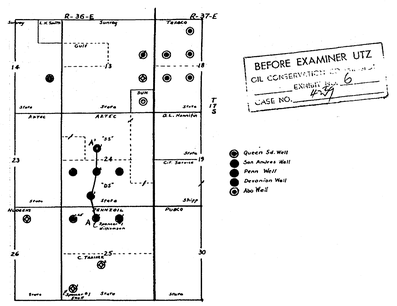
A — A'

DEV. | SAN ANDRES | SAN ANDRES | DRY



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

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



BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 6
CASE NO. 5599

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

Welex

COMPENSATED ACOUSTIC VELOCITY LOG

COMPANY AZTEC OIL & GAS COMPANY

WELL STATE "SS" # 1

FIELD UNDESIGNATED

COUNTY LEA STATE NEW MEXICO

Location: 1980' FNL & 1980' FWL

Sec. 24 Twp. 17-S Rge. 36-E

Other Services: Guard

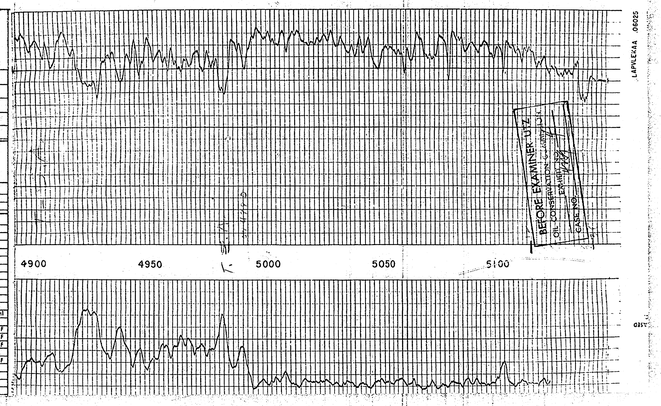
Permanent Datum: Ground Level Elev. 3865'

Log Measured From: K. B. 10 Ft. Above Perm. Datum — Elev.: K.B. 3815'

Drilling Measured From: Kelly Bushing — D.F. — G.L. 3865'

Date	9/3/69					
Run No.	One					
Depth—Driller	5150					
Depth—Welex	5144					
Btm. Log Inter.	5138					
Top Log Inter.	Surface					
Casing—Driller	8-5/8" @ 335	@		@		@
Casing—Welex						
Bit Size	7-7/8"					
Type Fluid in Hole	Mud					
Dens. | Visc.	10.4 | 38					
pH | Fluid Loss	11 | 16 ml		ml		ml		ml
Source of Sample	Circulated					
R_m @ Meas. Temp.	.059 @ 85 °F	@ °F		@ °F		@ °F
R_{mf} @ Meas. Temp.	.046 @ 74 °F	@ °F		@ °F		@ °F
R_{mc} @ Meas. Temp.	@ °F	@ °F		@ °F		@ °F
Source R_{mf} R_{mc}	Measured					
R_m @ BHT	.035 @ 112 °F	@ °F		@ °F		@ °F
Time Since Circ.						
Max. Rec. Temp.	112°F @ 5144'	°F @		°F @		°F @
Equip. | Location	8444 | Hobbs					
Recorded By	D. H. Stroud					
Witnessed By						

COMPANY Aztec Oil & Gas COUNTY — WELL STATE "SS" # 1 — FIELD Undesignated — County LEA — State N.M. — Date 9-3-69 — Run One



LAPWLCS&A 06015

W.S.M.C.F. MICROGRAPHICS
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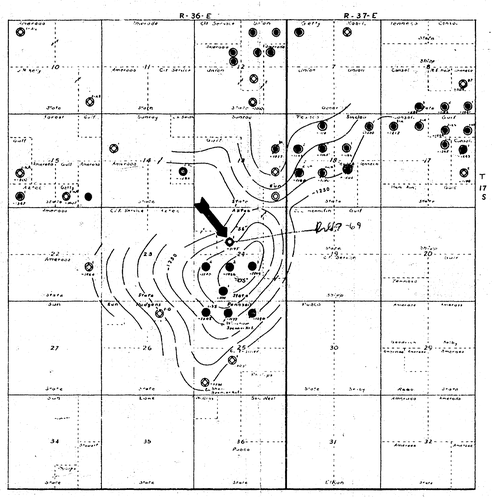
R-36-E
R-37-E
T 17 S
-1550
-1600
-1650
-1700
-1750
-1800
-1850
-1900
-1950
-2000
-2050
-2100
-2150
-2200
-2250
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-2800
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-2900
-2950
-3000
-3050
-3100
-3150
-3200
-3250
-3300
-3350
-3400
-3450
-3500