

Case Number
3597

Large
Exhibits



-PAN AM-
Fisher Fed. #1
Elev. 4176'

16,400'
APPROX.

HUMBLE
RRMU #1
Elev. 4226'

8,000'
APPROX.

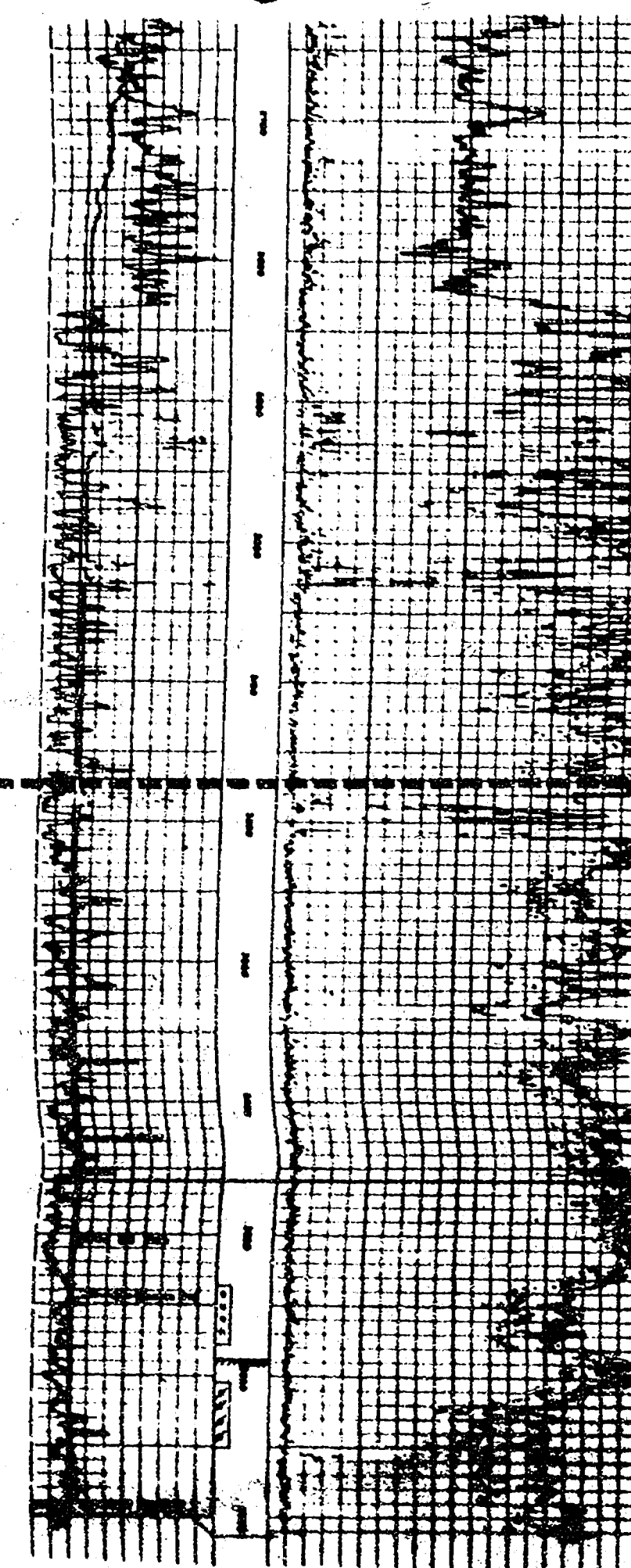
-PAN AM.-
Miller Fed. #1
Elev. 4323'

12,400'
APPROX.

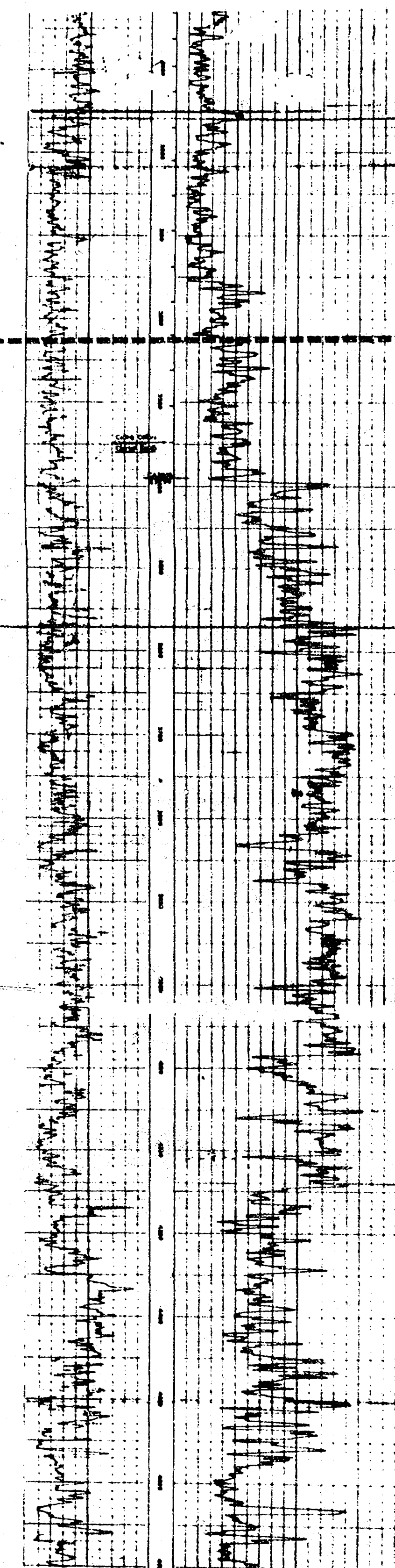
CACTUS
Wilson-
Elev.

A
+1000

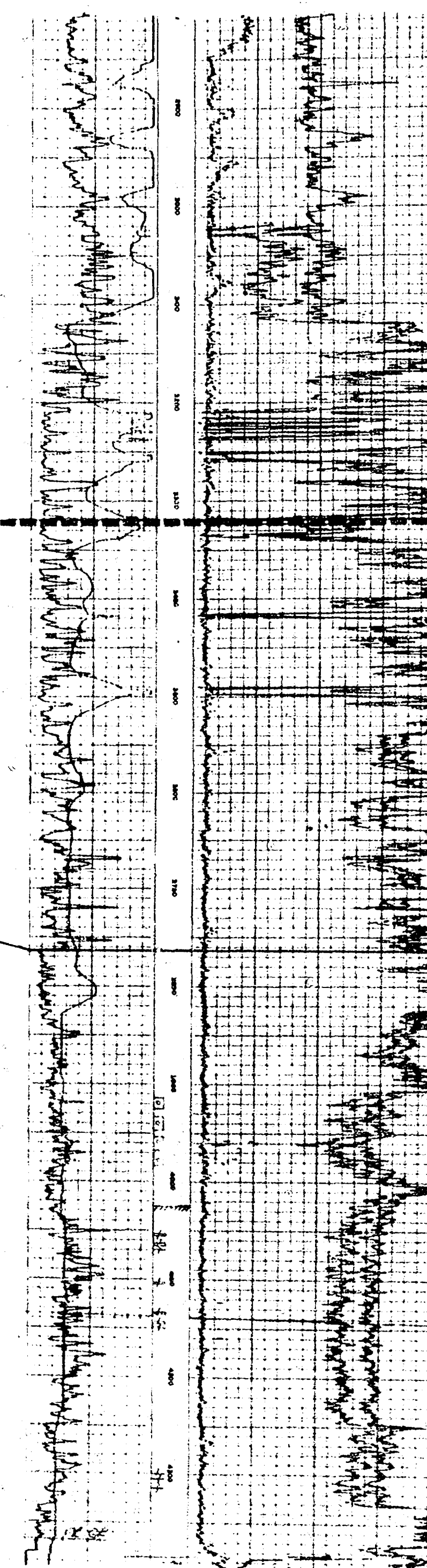
TOP OF SAN ANDRES CORRELATIVE MARKER



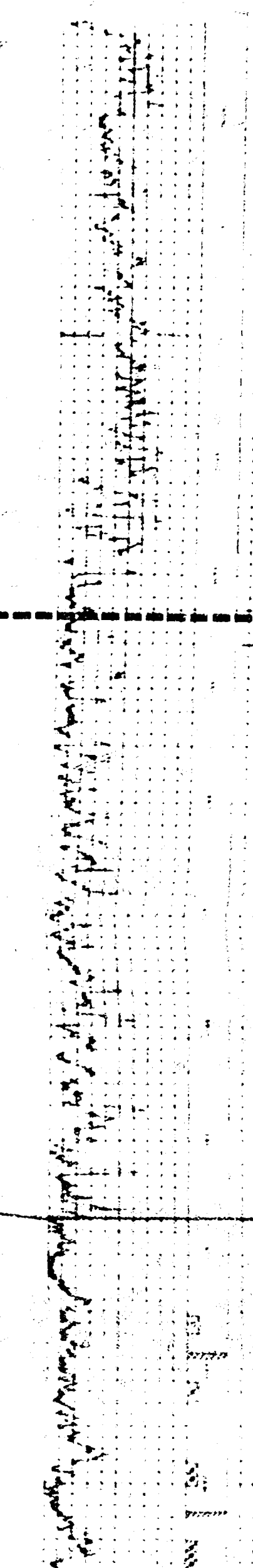
3714' TD
3568' FWD
3-67
Perf 3605-3651
Stim 13,000 Gallons Acid
Tested Dry, 24 Hr.
Perf 3536-3570
Stim 1000 Gallons Acid
40,000 Gals. Seawater Pres.
IPP 24 80 x 40 10, 24 Hrs.



4385' TD
4025' FWD
10,382' TD
San Andres Not Tested



4360' TD
4085' FWD
4-67
Perf 3954'-3956'
Stim 2000 Gallons Acid
IPP 57 80 x 35 10, 24 Hrs.
3-67
Perf 3914'-3926' & 3933'-3946'
Stim 5000 Gallons Acid
Test P 92 80 x 41 10, 24 Hrs.



4360' TD
4085' FWD
10-66
Perf 4271-4277
Stim 1000 Gallons
Test Dry 24 Hr.
Perf 4182-4202
Stim 1000 Gallons
Test 500 Water.
Perf 4111-4139
Stim 1500 Gallons
Test 5043 2 3/4
Air Se. Perf.
Perf 4053-4064
Stim 1500 Gallons
20,000 Gals
IPP 30 80 x 10 8

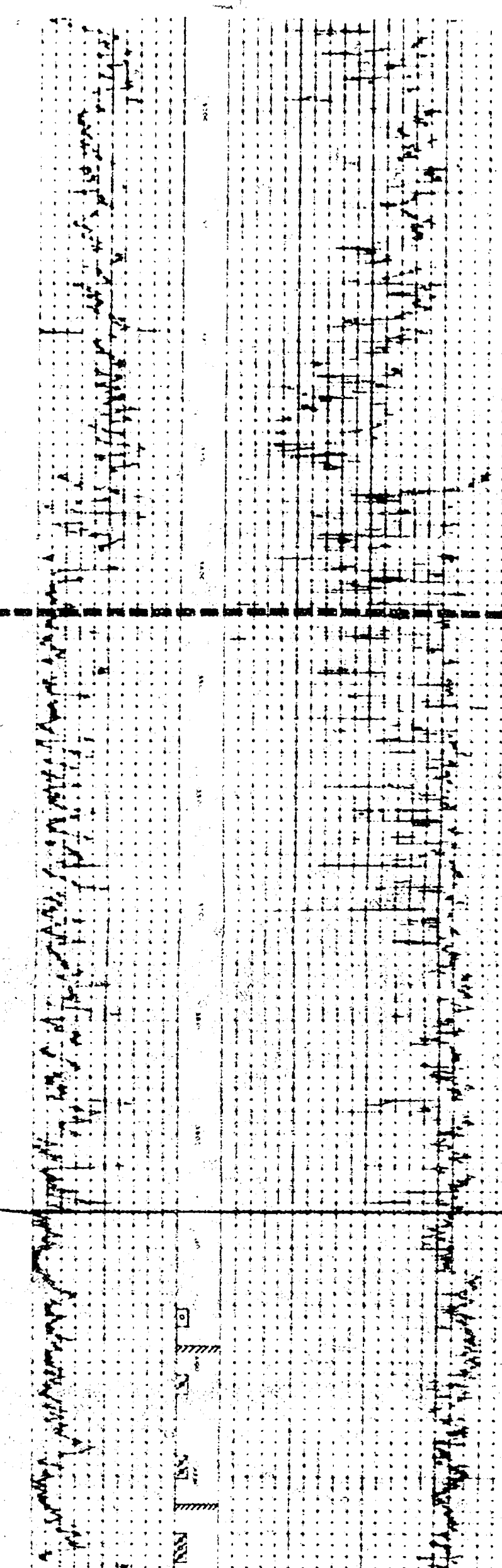
A.M.C.F. MICROFILMS



BEST AVAILABLE COPY

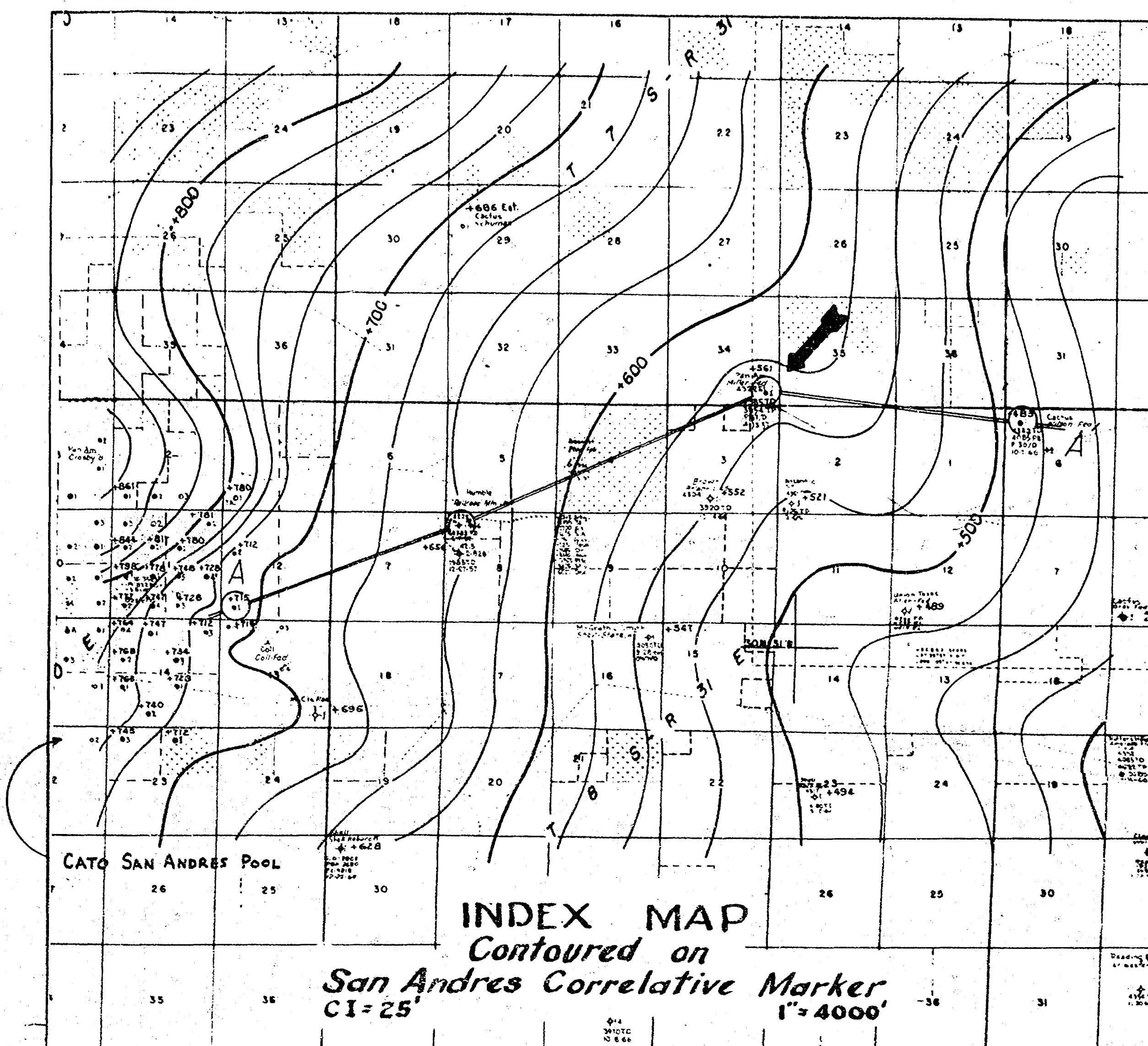
12,400'
APPROX.

CACTUS DRLG. CO.
Wilson-Fed. #1
Elev. 4438'



+1000' A'

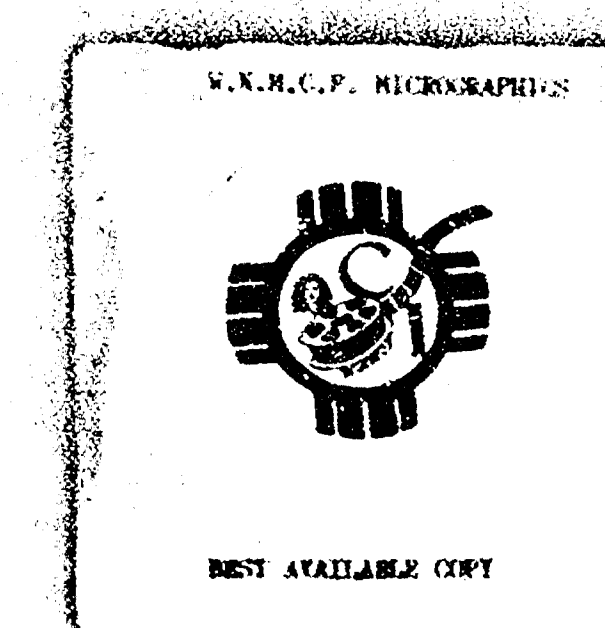
4360' TD
4085' FWD
10-66
Perf 4251-4277
Stem 1000 Gallons Acid
Test 1000 Gallons Acid
Perf 4185-4202
Stem 1000 Gallons Acid
Test 500 Water, 50 Perf
Perf 4111-4129
Stem 1500 Gallons Acid
Test 500 3/4 RPH, 70%
AM in Parts
Perf 4055-4065
Stem 1500 Gallons Acid
20,000 Gallons Sand-Oil Proc
IPP 30 80 x 70 BW, 24 Hours



Pan Am. Petr. Corp.
Miller Federal #1
Discovery Application
Chaves Co, New Mexico

VERTICAL SCALE 1"=100' HORIZONTAL 1"=1000'

Fig. 3



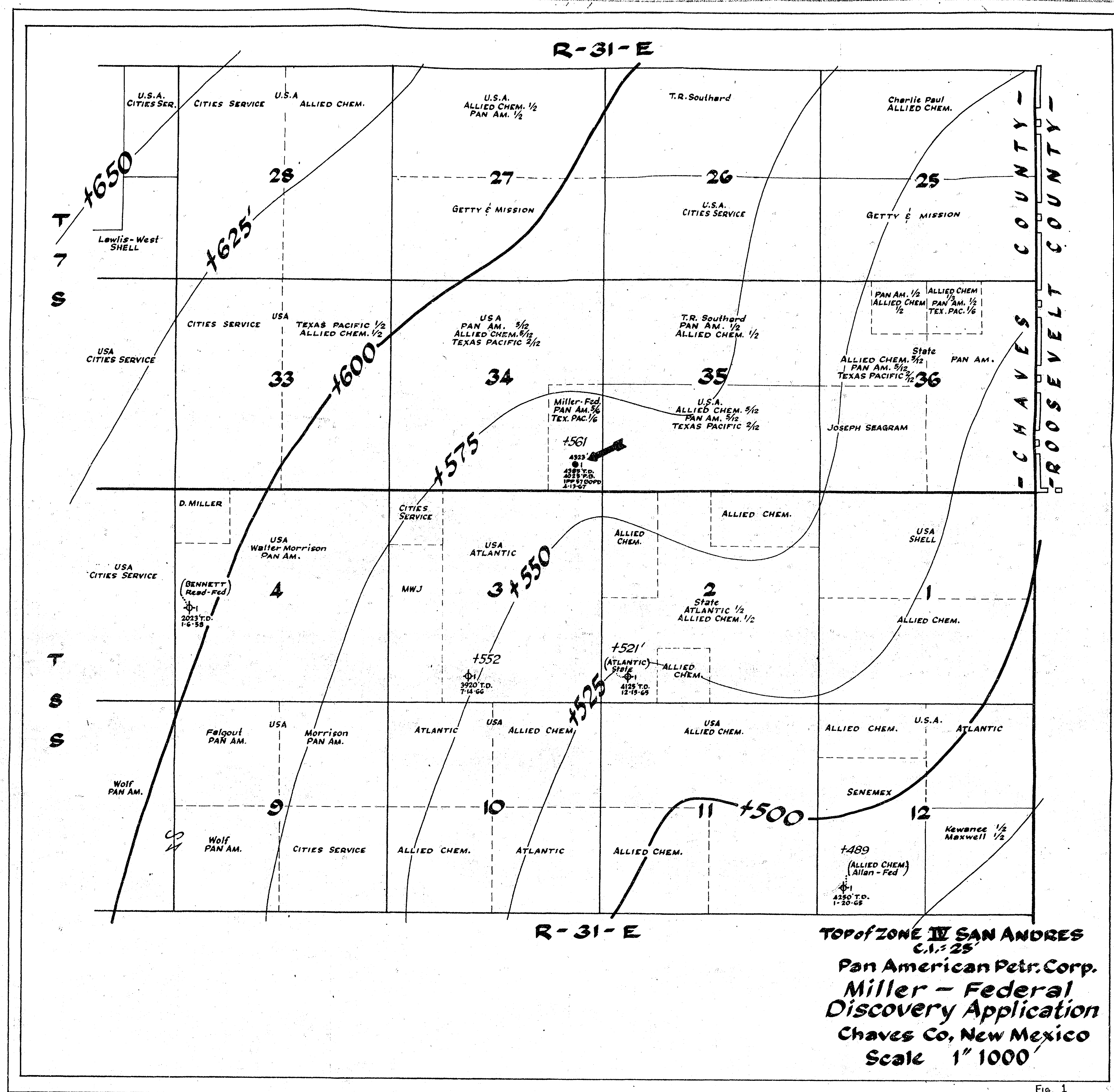
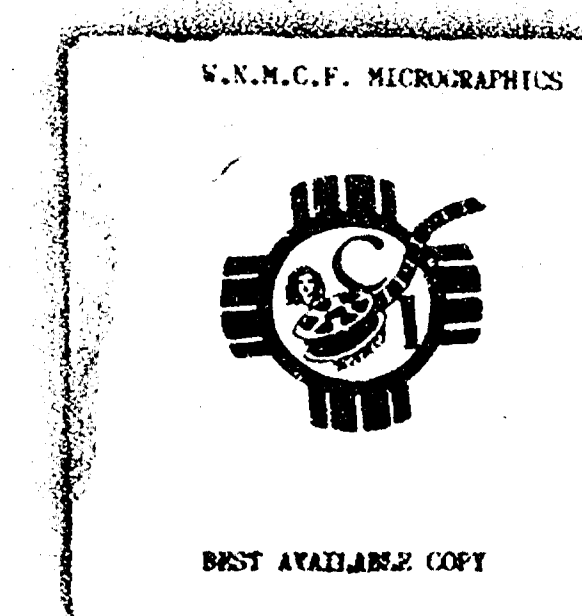


FIG. 1



-PAN AM-
Fisher Fed. #1
Elev. 4176'

16,400'
APPROX.

HUMBLE
RRMU #1
Elev. 4226'

8000'
APPROX.

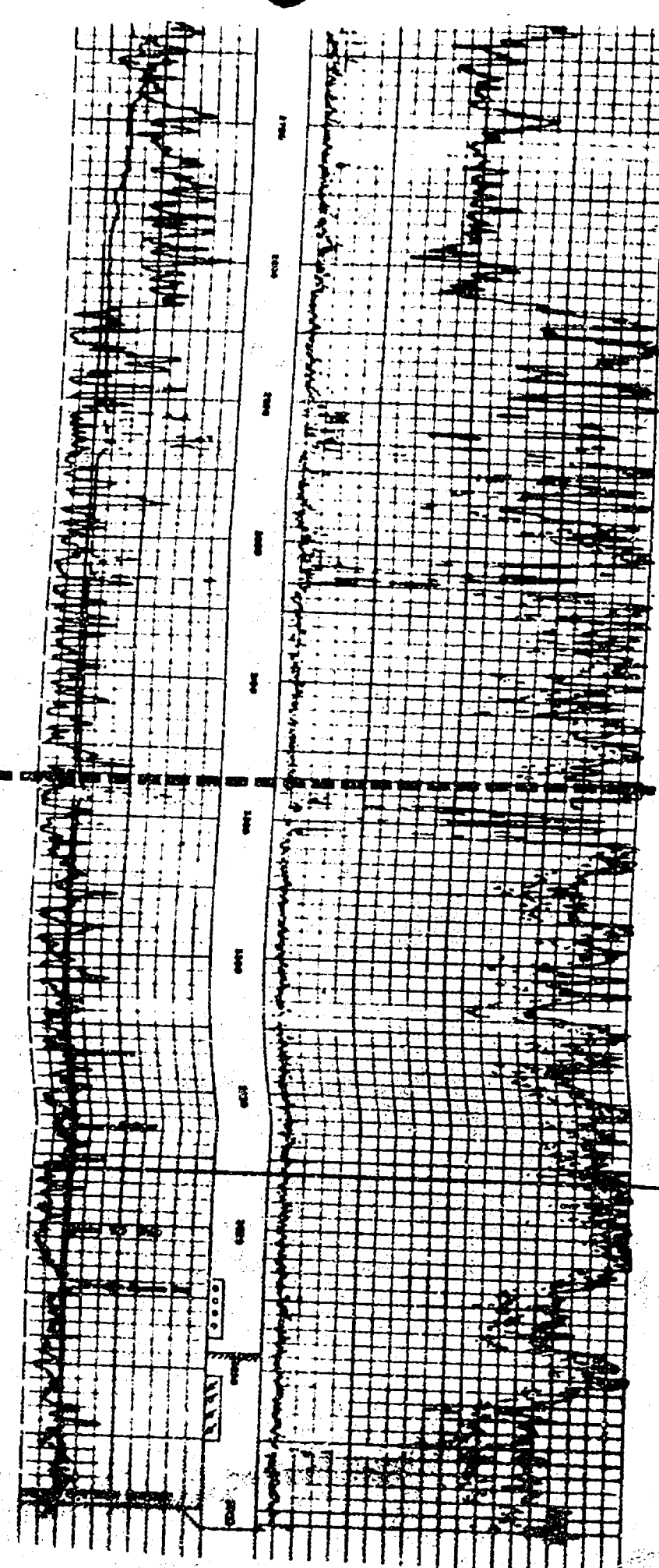
-PAN AM.-
Miller Fed. #1
Elev. 4323'

12,400'
APPROX.

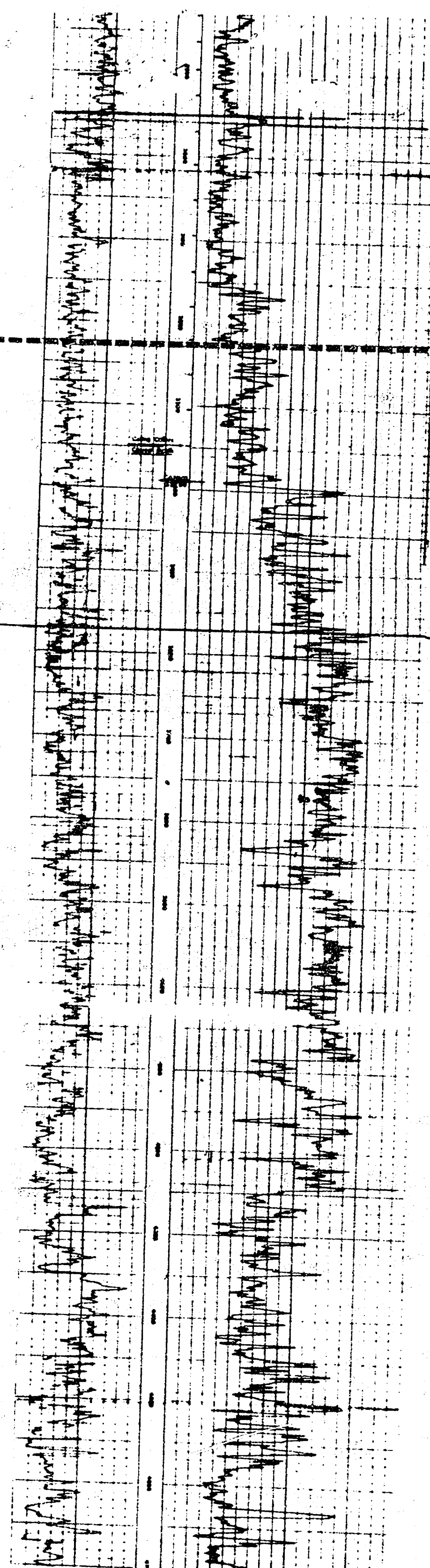
CACTUS DR
Wilson Fed. #1
Elev. 4438

A
+1000

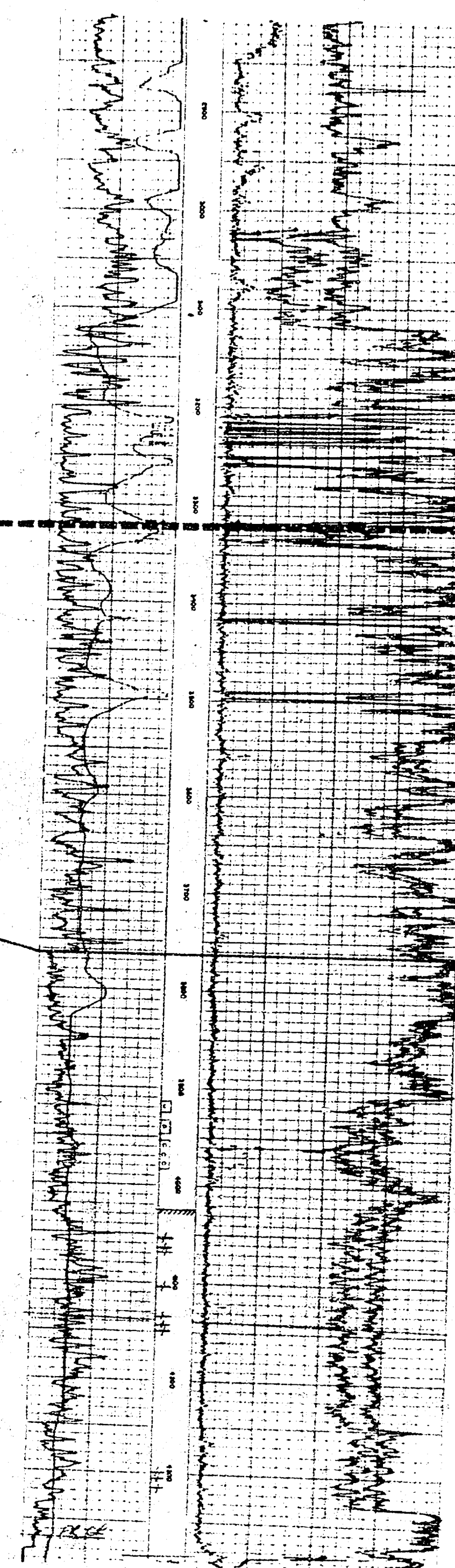
TOP OF SAN ANDRES CORRELATIVE MARKER



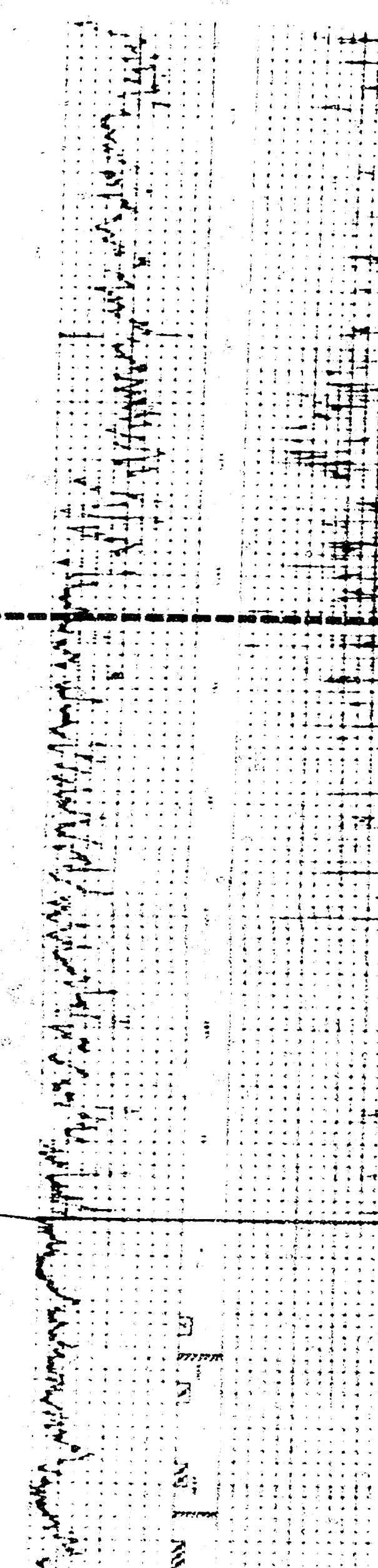
3716' TD
3388' PBD
3-47
Perf 3605-3651
Stim 15,000 Gallons Acid
Treated Dry, Sq. Perf
Perf 3536-3578
Stim 2000 Gallons Acid
40,000 Gals. Sand-Water Pac
IPP 38 80 x 48 24, 24 Hrs.



10,382' TD
San Andres Met. Tested

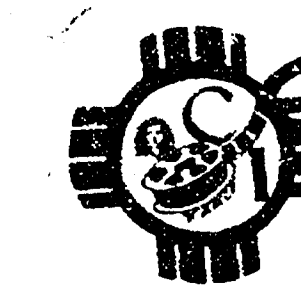


4385' TD
4025' PBD
4-67
Perf 3951'-3994'
Stim 3000 Gallons Acid
IPP 57 80 x 38 24, 24 Hrs.
5-67
Perf 3914'-3926' & 3931'-3946'
Stim 5000 Gallons Acid
Test P 92 80 x 41 24, 24 Hrs.



4560' TD
4055' PBD
10-66
Perf 4231'-4277
Stim 1000 Gallons Acid
Test Dry. Set. 30' x 4225'
Perf 4182'-4202
Stim 1000 Gallons Acid
Test 800 Meter, Sq. Perf
Perf 4111'-4129
Stim 1500 Gallons Acid
Test 2000 3 3/4 24 Hrs., 75%
Av. Sq. Perf.
Perf 4053'-4068
Stim 1500 Gallons Acid
20,000 Gallons Sand-Oil
IPP 50 80 x 70 24, 24 Hrs.

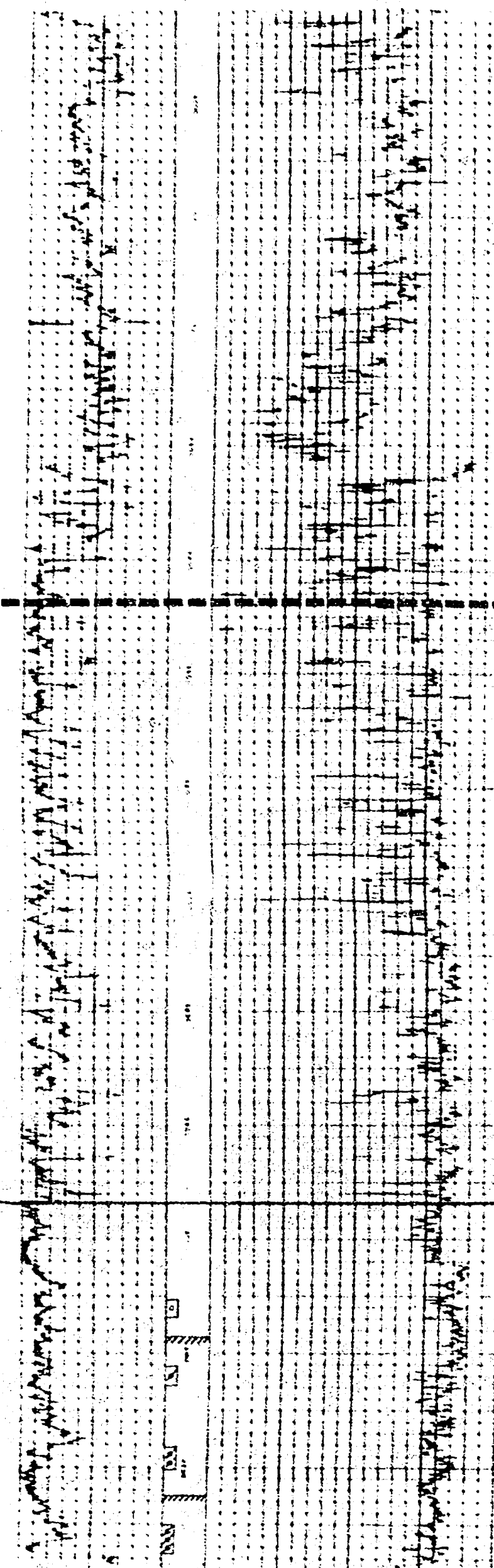
U.S.N.C.F. MICROGRAPHS



BEST AVAILABLE COPY

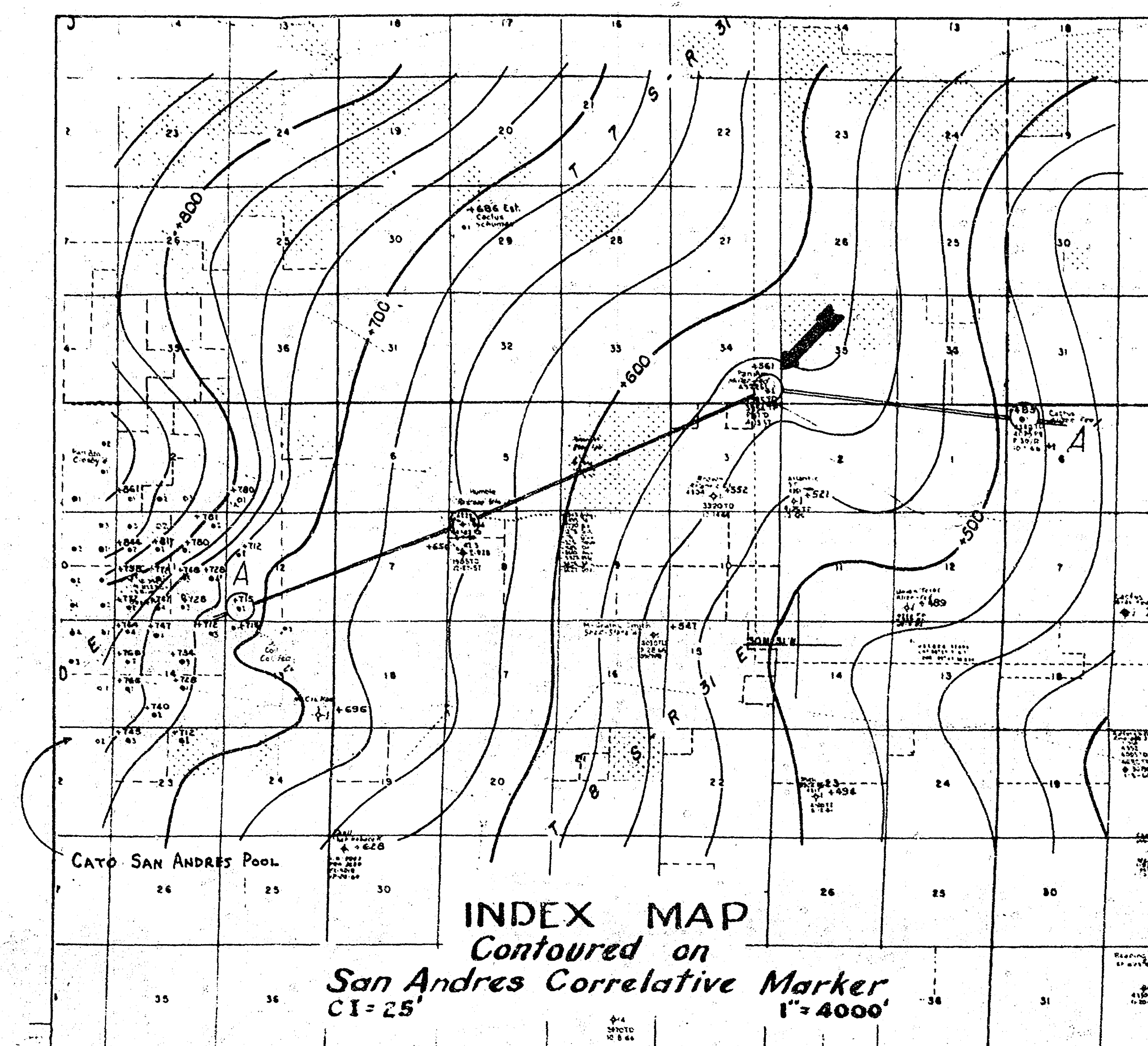
12,400'
APPROX.

CACTUS DRILLING CO.
Wilson-Fed. #1
Elev. 4438'



+1000'
A

4340' TD
4285' PWD
10-66
Perf 4231-4277
Stim 1000 Gallons Acid
Test Dry Set 30' @ 4251
Perf 4182-4202
Stim 1000 Gallons Acid
Test 200 Water, 50 Perf
Perf 4111-4129
Stim 1500 Gallons Acid
Test 200 3 1/4" DPH, 75%
AW 50 Perf
Perf 4053-4063
Stim 1500 Gallons Acid
20,000 Gallons Sand-Oil Proc
IPP 30 30 x 70 30, 24 Hours



Pan Am. Petr. Corp.
Miller Federal #1
Discovery Application
Chaves Co, New Mexico

VERTICAL SCALE 1"=100' HORIZONTAL 1"=1000'

FIG. 3

