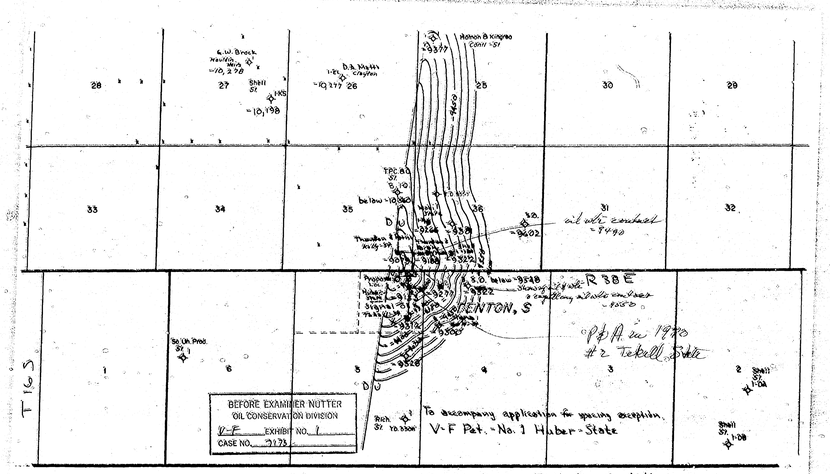
Case No
7173

Large Exhibits

V.V.N.C.V. MICROGRAPHICS



South Denton Field - Lea Co., N.M.
Contours on top Devonian
Cl. 50' Scale - 2000'-1" by Jack G Elam

B

TPC&C
#1CP N.M. State

Signal
#1 Bolly State

B'

Signal
#2 Gulf State

Tubb

Drinkard

Abo

Penn

11000

Strata
Raccoon

Valley

Devonian

12000

Fusselman

Montoya

Simpson

13000

Ellenburger

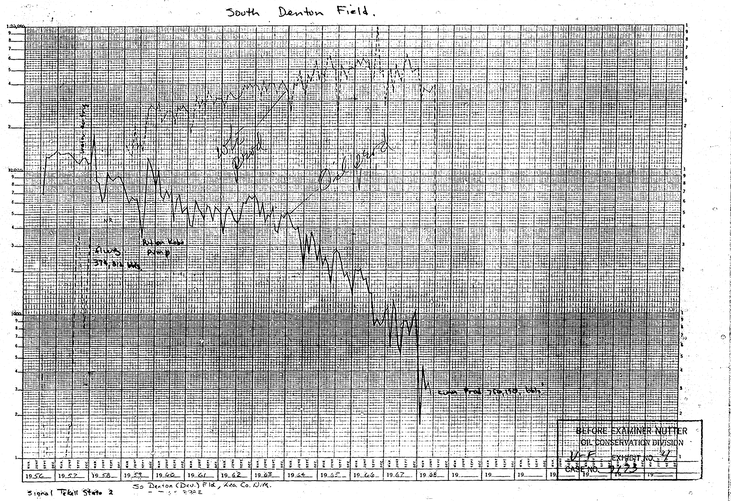
Section B-B'
South Denton
Fea. / Lea Co., N.M.
by J.G. Elam

To accompany application
for N.S.L. Pkt. of Amer. State

BEFORE EXAMINER HUTTER
OIL CONSERVATION DIVISION
CASE NO. 1703
EXHIBIT NO. 3

V.V.M.C.F. MICROGRAPHICS

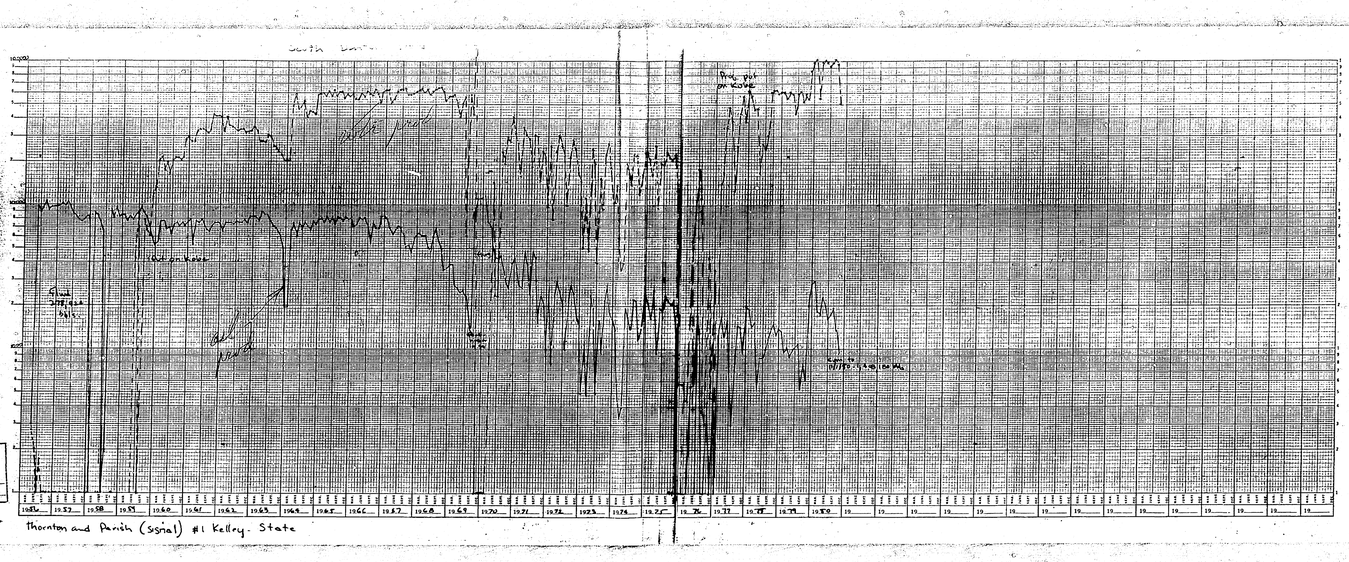
South Denton Field.



Signal Peak State 2

So. Denton (Devl.) Fld., Lea Co., N.M.

W.R.H.C.F. MICROGRAPHICS



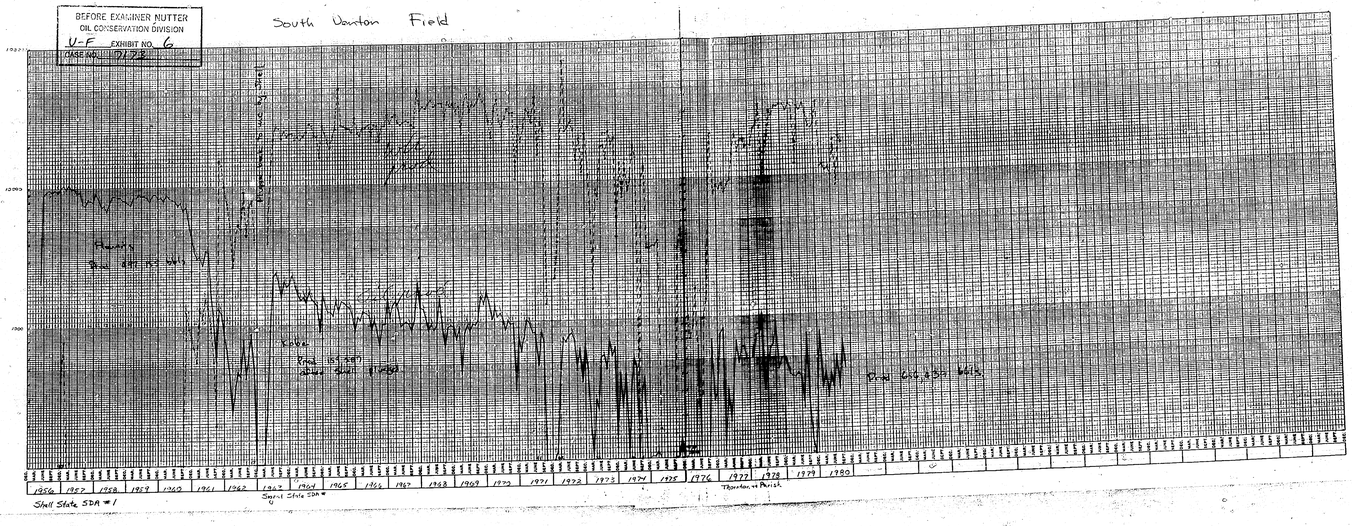
BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
EXHIBIT NO. 5
CASE NO. 7173

Thornton and Parish (ssrial) #1 Kelley. State

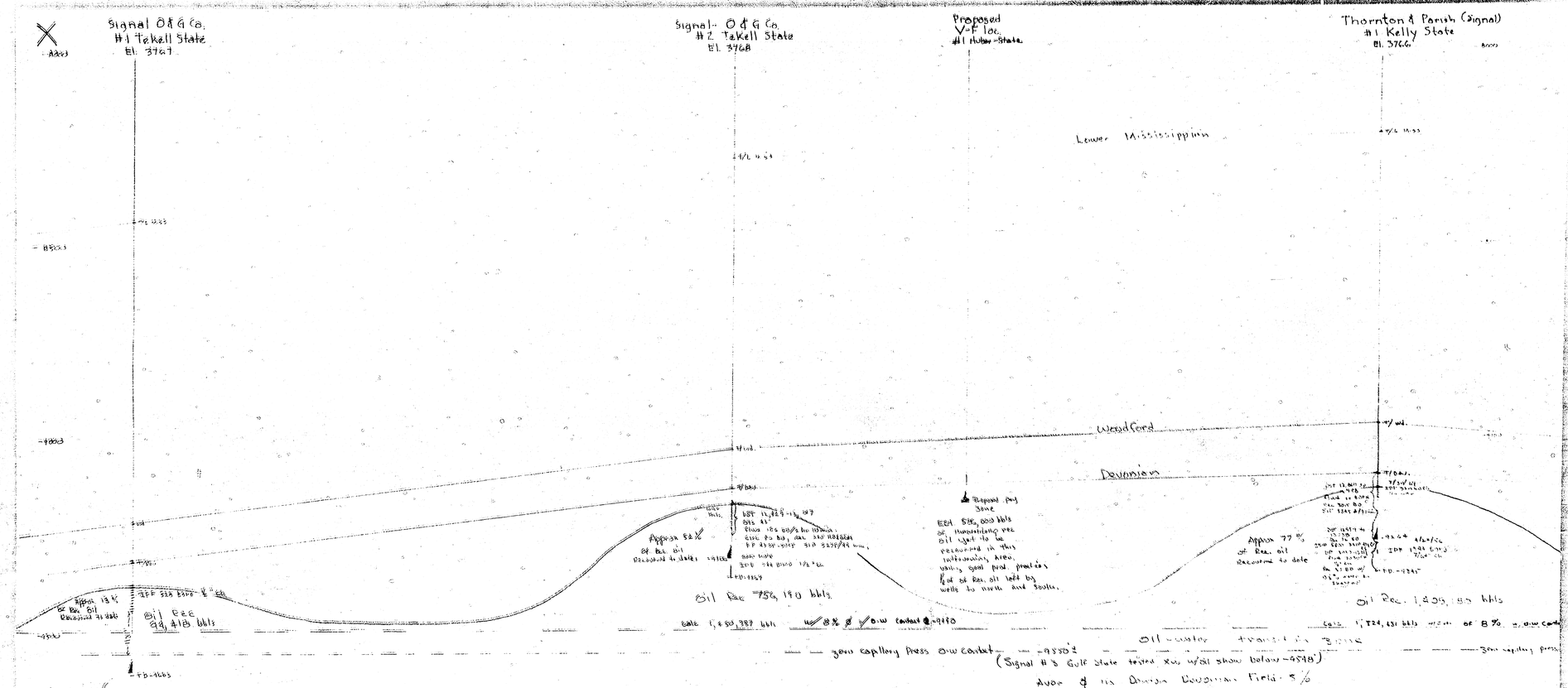
U.S.N.M.G.F. MICROGRAPHICS

BEFORE EXAMINER NUTTER
OIL CONSERVATION DIVISION
N-F EXHIBIT NO. 6
CASE NO. 7178

South Vinton Field

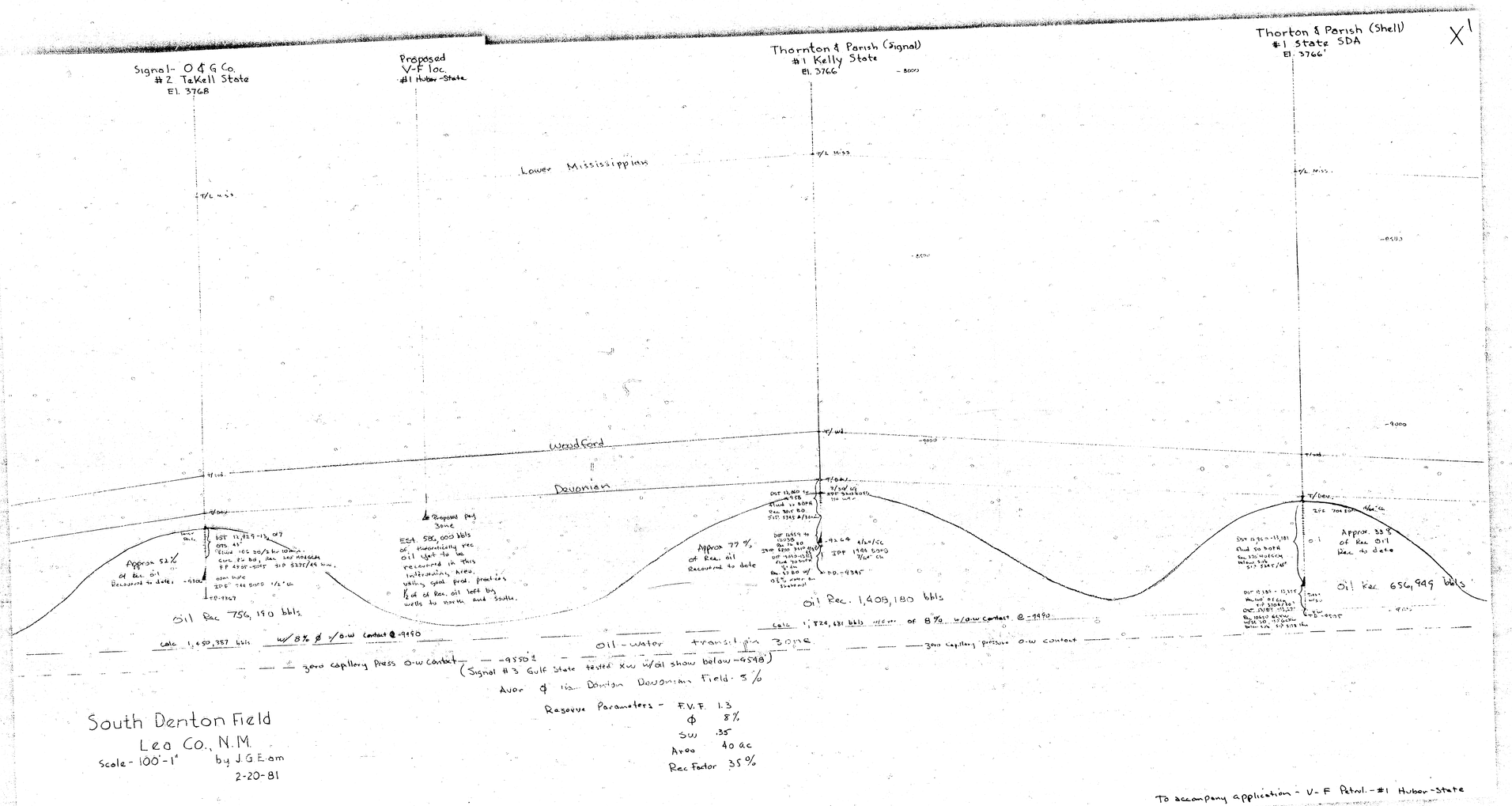


U.N.M.C.P. MICROGRAPHICS



South Denton Field
Lea Co., N.M.
Scale - 100'-1" by J.G.E.am
2-20-81

U.S.G.S. PHOTOGRAPHIC
DENVER, COLORADO



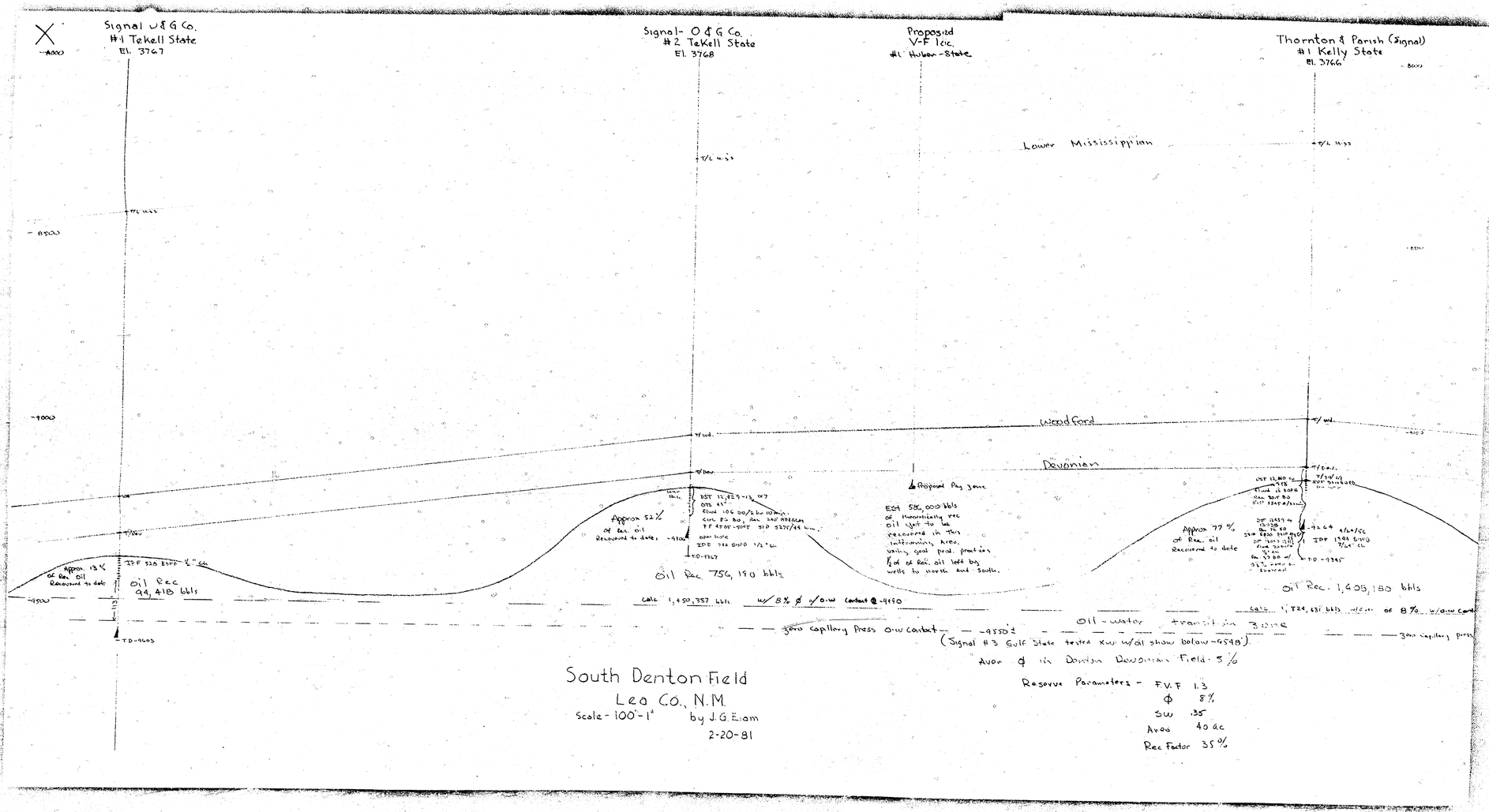
South Denton Field
Lea Co., N.M.
Scale - 100'-1" by J.G.E.am
2-20-81

Avar ϕ in Dunigan Devonian Field - 8%

Reservoir Parameters - F.V.F. 1.3
ϕ 8%
Sw .35
Area 40 ac
Rec Factor 35%

To accompany application - V-F Petrol. - #1 Hubor-State

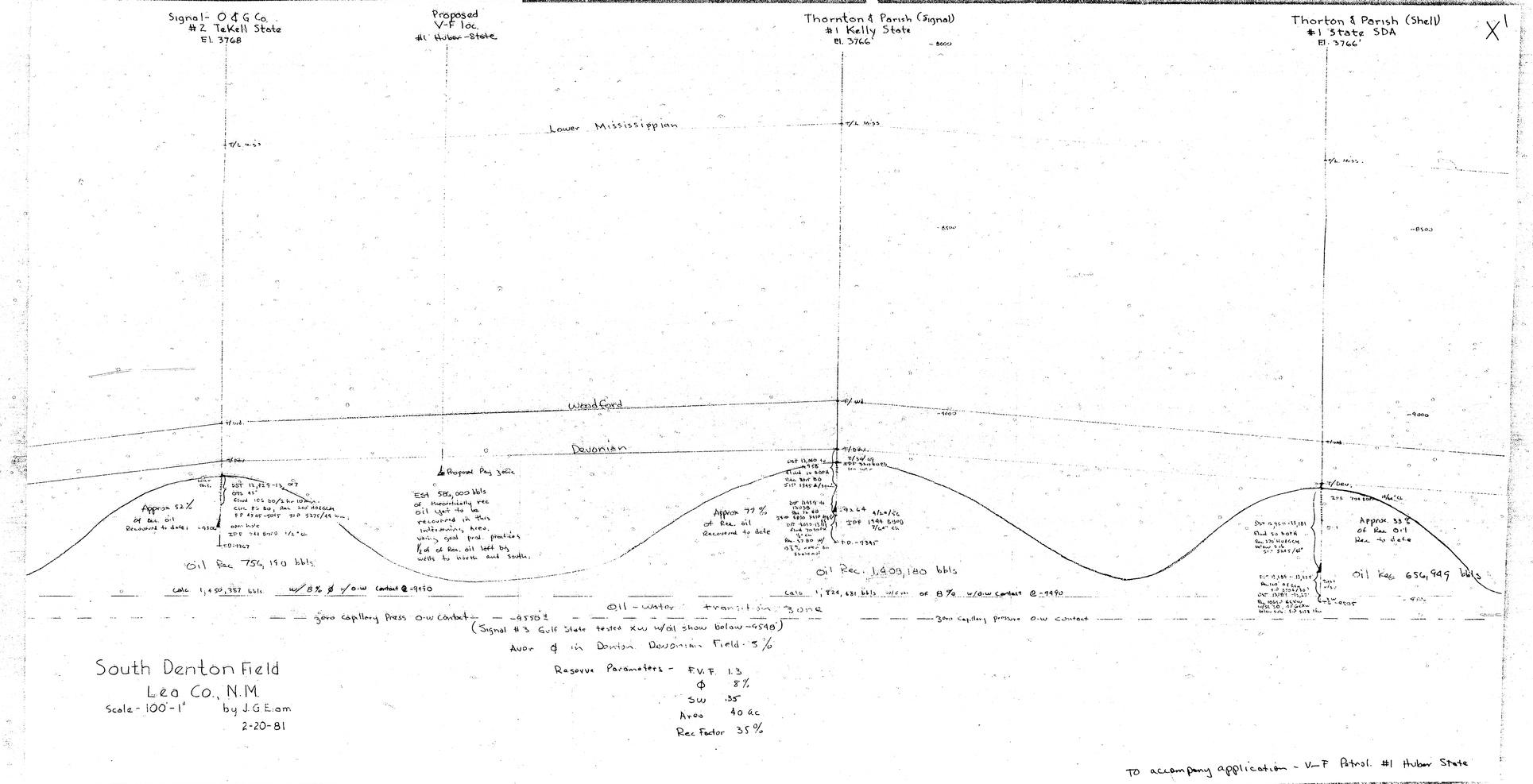
V.E.N.C.P. MICROGRAPHICS
BEST AVAILABLE COPY



South Denton Field
Lea Co., N.M.
Scale - 100'-1"
by J.G. Elam
2-20-81

N.M.O.C.C. MICROGRAPHICS

X1



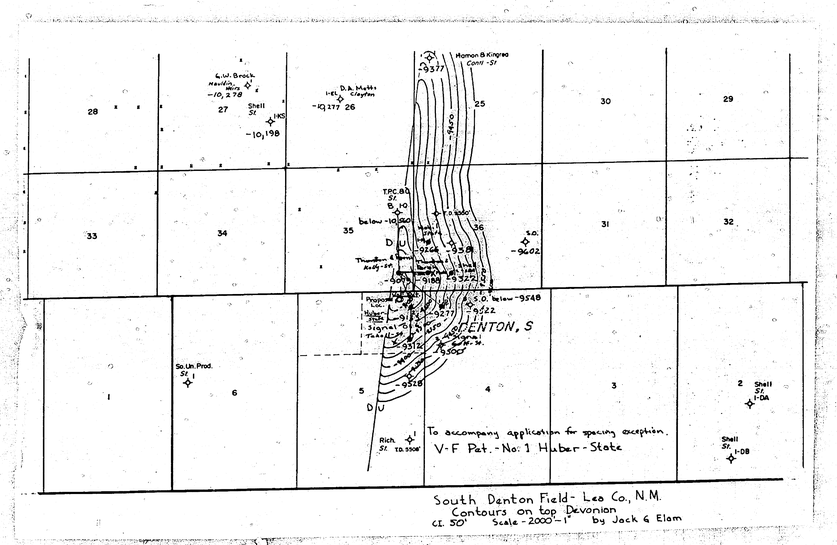
South Denton Field
Lea Co., N.M.
Scale - 100'-1" by J.G.Eaton
2-20-81

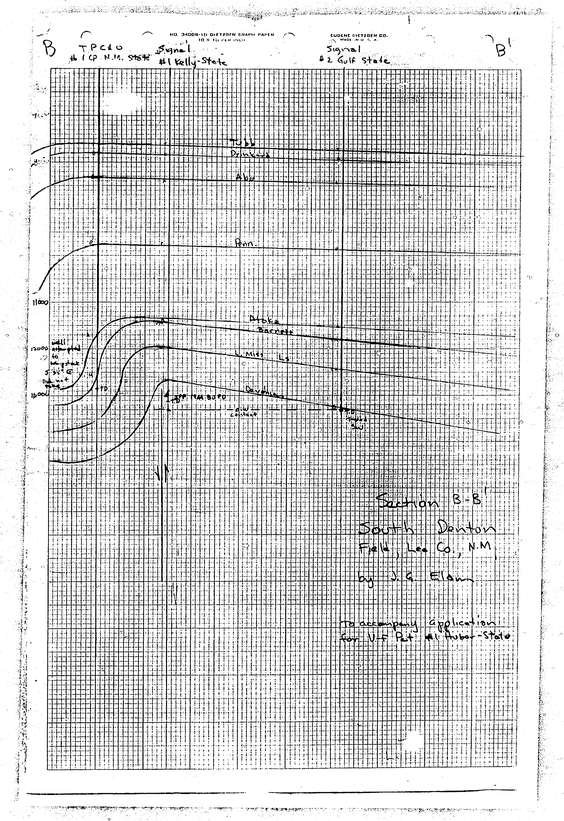
Avgn ϕ in Denton Devonian Field - 3%

Reservoir Parameters - F.V.F. 1.3
ϕ 8%
Sw .35
Area 40 ac
Rec Factor 35%

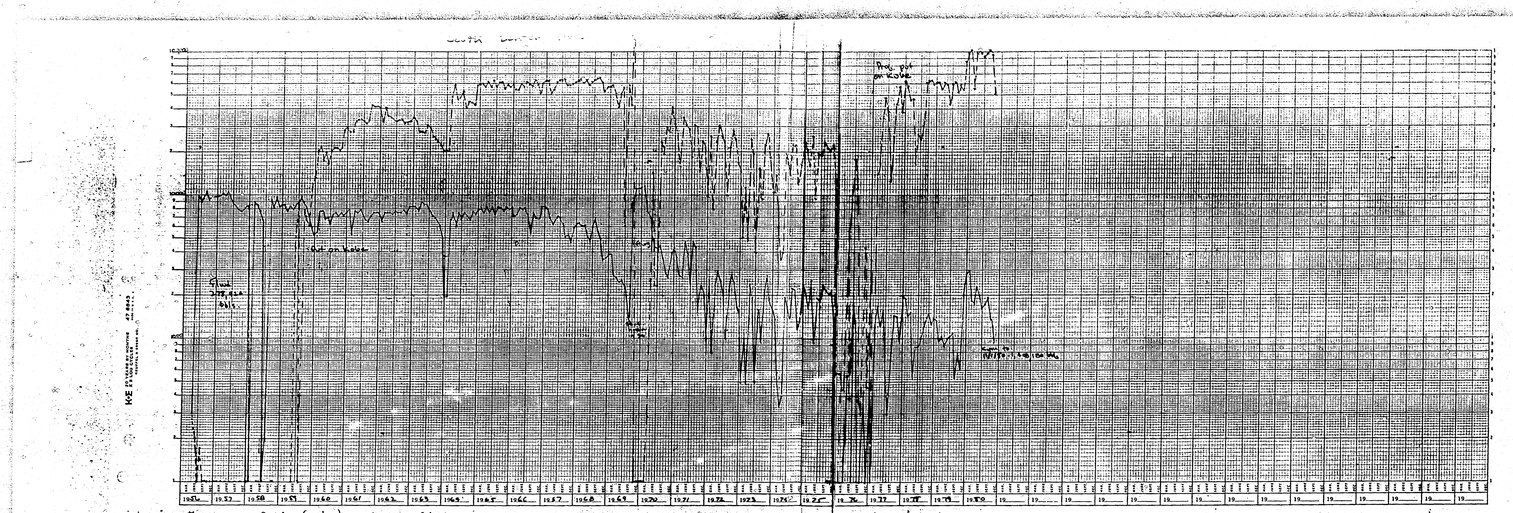
To accompany application - V-F Petrol. #1 Huber State

U.N.M.C.F. MICROGRAPHIC
BEST AVAILABLE COPY


C.W. Brock
Mauldin
-10,278
Shell
St
-10,198
D.R. Mabee
Clayton
-10,277
Hanon & Kingwa
Cont -St
-9377
-9400
-9422
-9448
-9502
-9528
-9548
-9577
-9600
-9628
-9650
-9672
-9700
-9722
-9750
-9772
-9800
-9822
-9850
-9872
-9900
-9922
-9950
-9972
-10000
-10022
-10050
-10072
-10100
-10122
-10150
-10172
-10200
-10222
-10250
-10272
-10300
-10322
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-10522
-10550
-10572
-10600
-10622



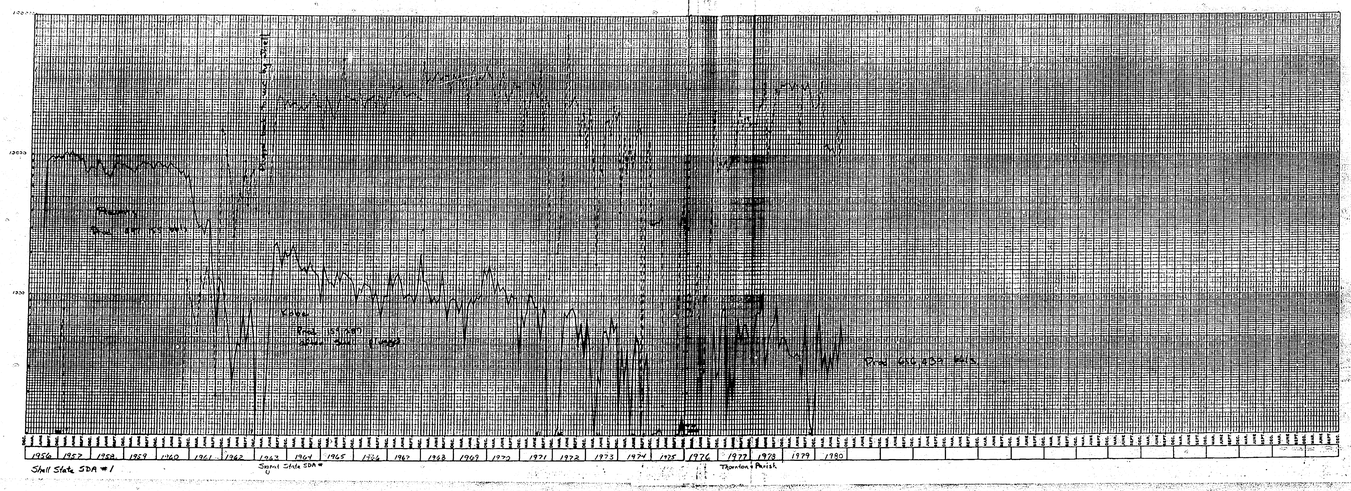
N.M.N.C.P. MICROGRAPHICS
BEST AVAILABLE COPY



Thornton and Parish (ssnal) #1 Kelley. State

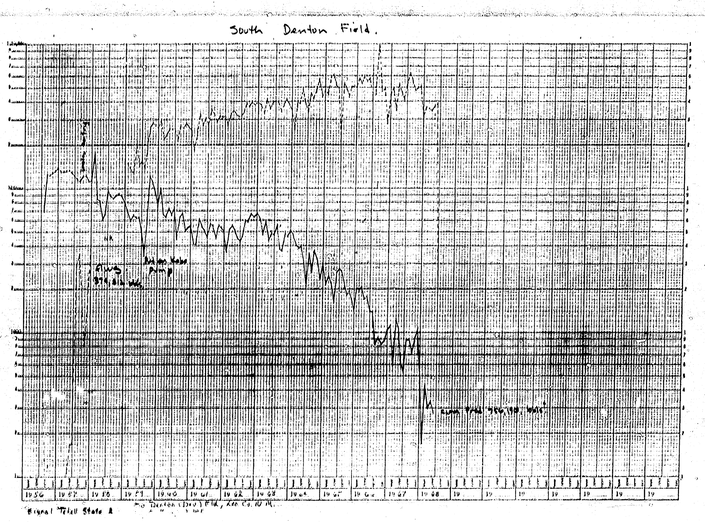
W.R.H.C.P. MICROGRAPHICS
BEST AVAILABLE COPY

South Denton Field

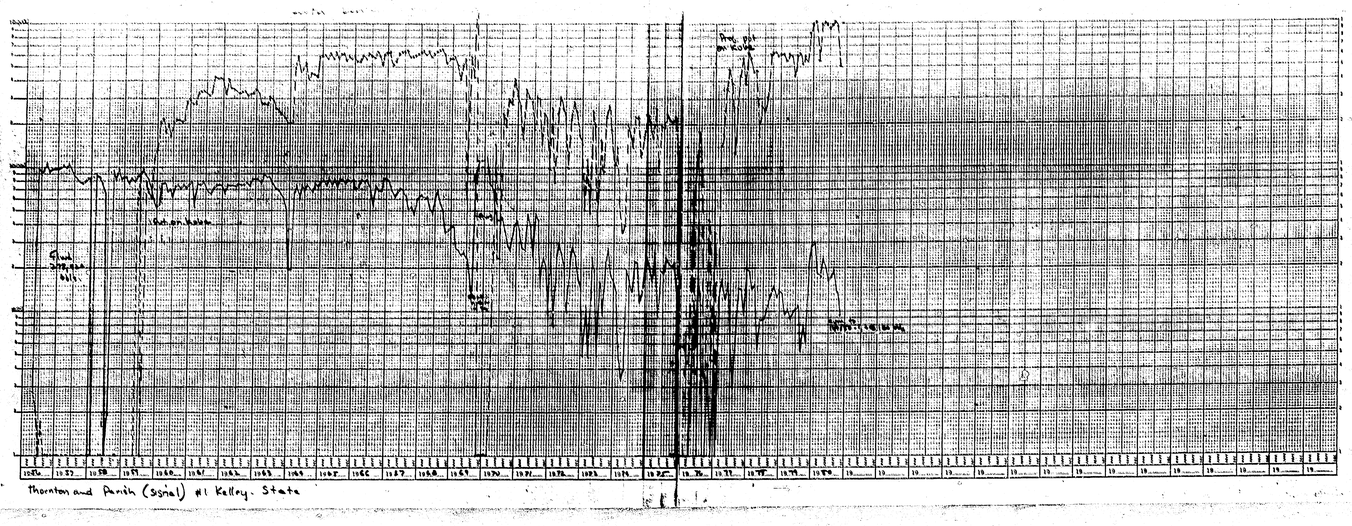


W.R.H.C.F. MICROGRAPHICS
NOT AVAILABLE OUT

South Denton Field.



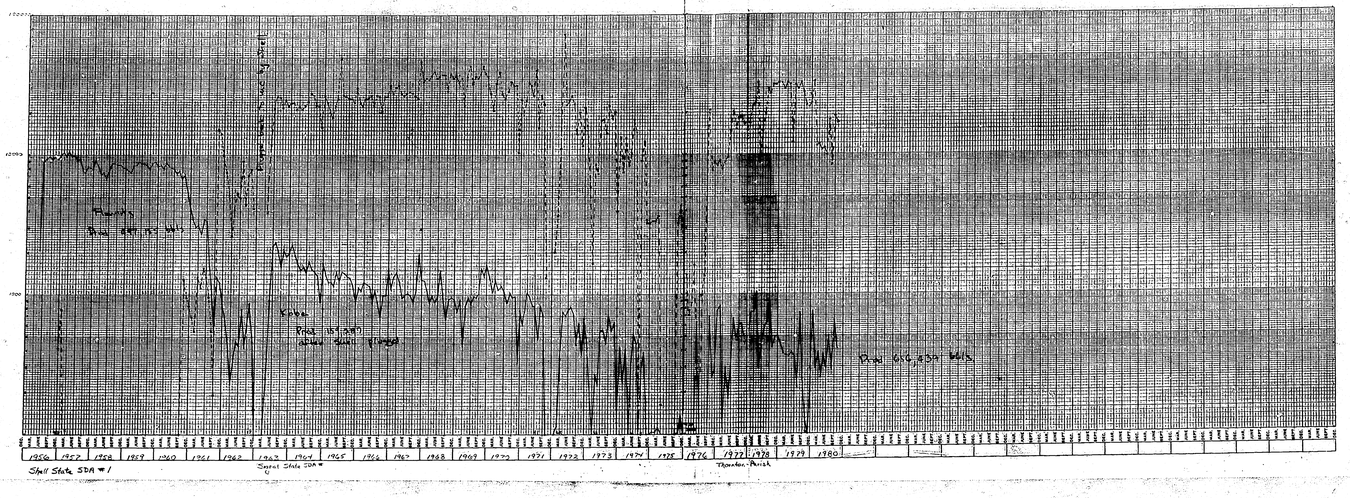
Signal Hill State A



Thornton and Parish (Spiral) #1 Kelley - State

V.R.R.C.F. MICROGRAPHICS

South Denton Field



V.P.I.C.F. MICROGRAPHICS

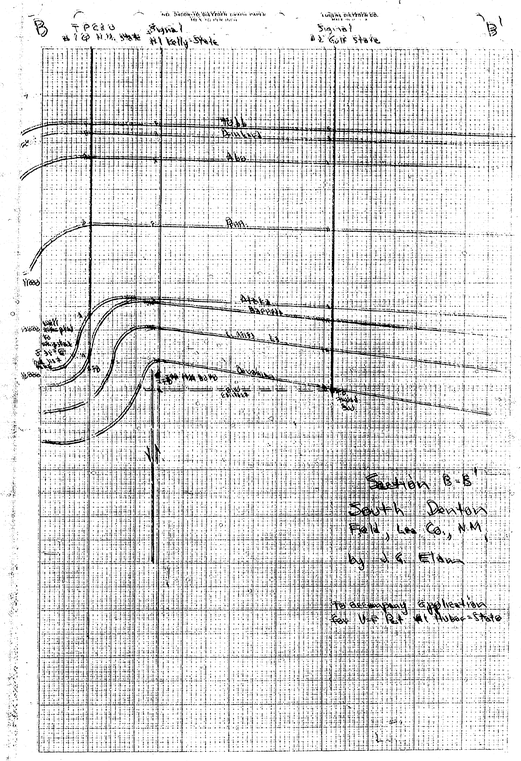
B

Texaco
#1 W.N. State

Signal
#1 Kelly-State

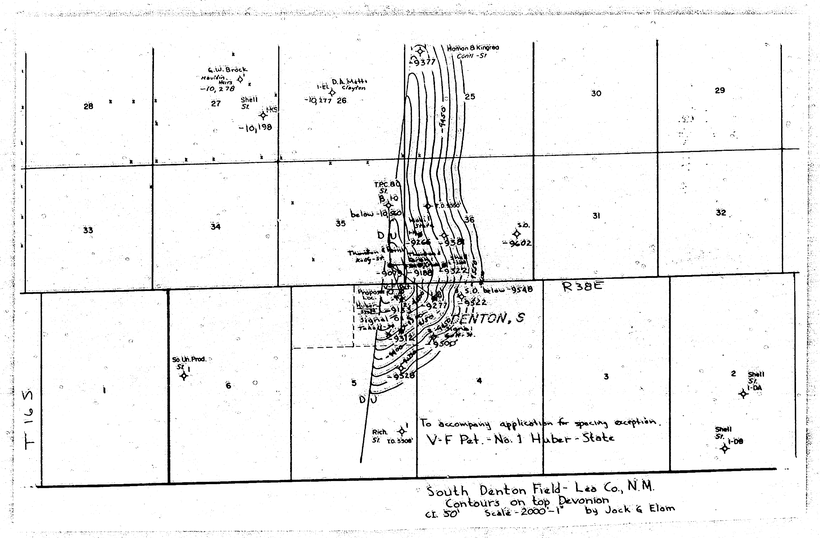
Signal
#2 Gulf State

B'



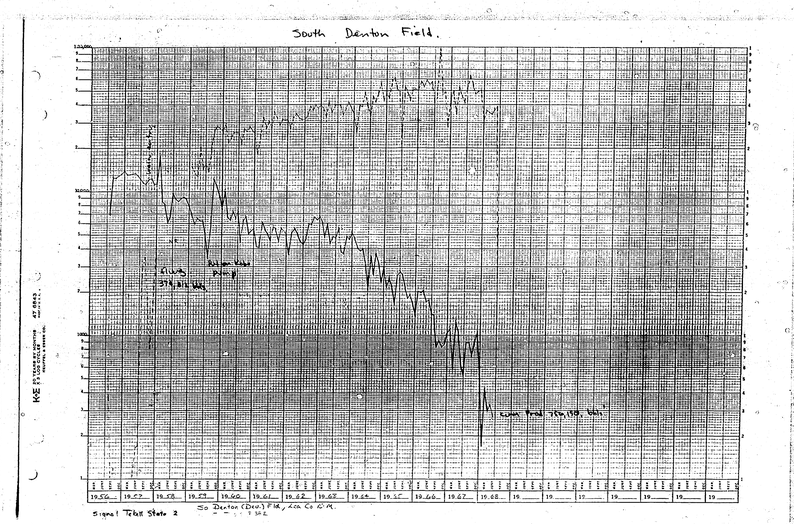
Section B-B'
South Denton
Field, Lea Co., NM.
by J.E. Elam

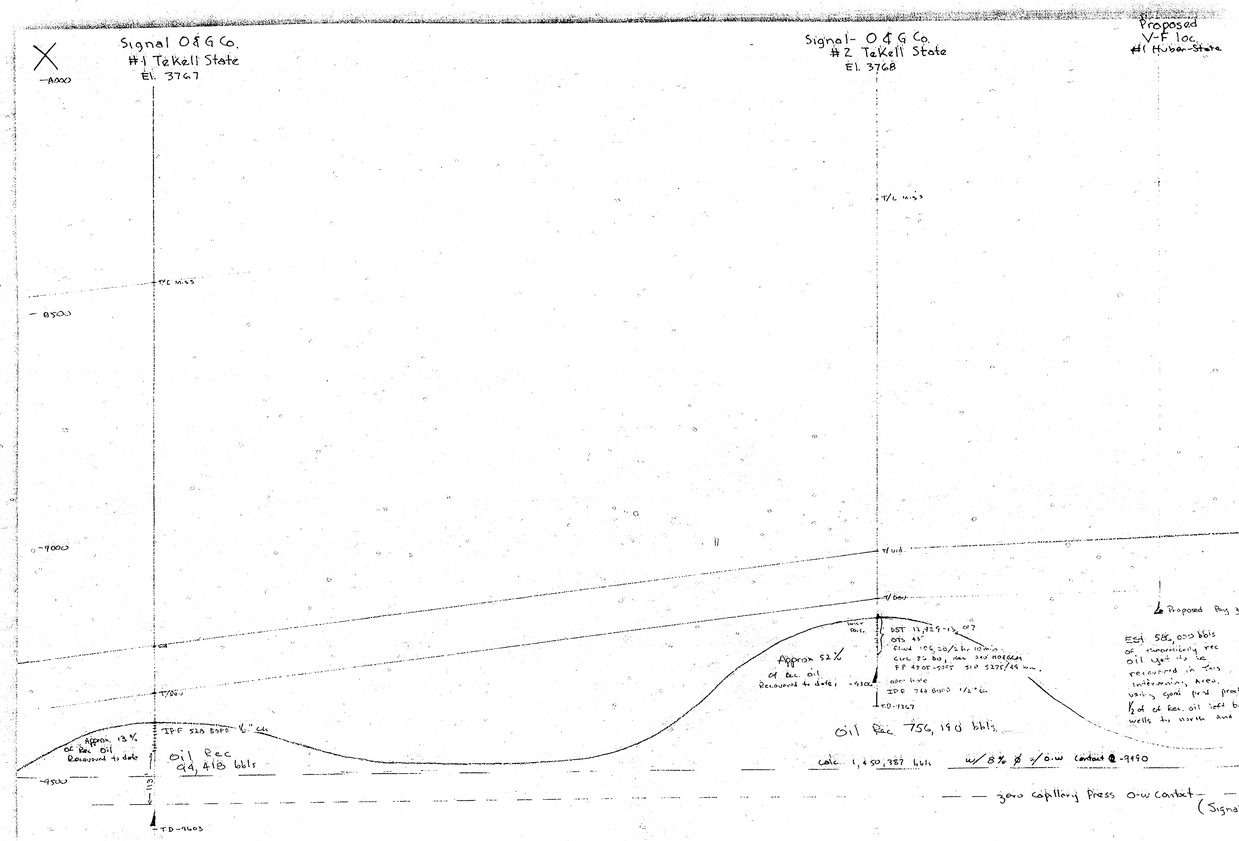
To accompany application
for Unit Agt. #1 Huber-State



U.S.N.C.F. MICROGRAPHICS

South Denton Field.


Salt Water Pump
Salt Water Pump
Salt Water Pump



South Denton Field

Lea Co., N.M.

Scale - 100'-1" by J.G Eram

2-20-81

U.N.M.C.F. MICROGRAPHICS

Signal- O & G Co.
#2 TaKell State
El. 3768

Proposed
V-F loc.
#1 Hubar-State

Thornton & Parish (Signal)
#1 Kelly State
El. 3766'

Thorton & Parish (Shell)
#1 State SDA
El. 3766'

X1

Lower Mississippian

Woodford

Devonian

Approx 52%
of Rec. Oil
Recovered to date.

Oil Rec. 756,190 bbls

Proposed By Some

Est 585,000 bbls
of remaining rec
oil left to be
recovered in this
interval in this
area.
Using good prod. practices
1/2 of Rec. oil left by
wells to north and south.

Approx 77%
of Rec. oil
Recovered to date

Oil Rec. 1,439,180 bbls

Approx 33%
of Rec Oil
Rec to date

Oil Rec 656,949 bbls

Oil - water transition zone

(Signal #3 Gulf State tested Sw w/oil shows below -9598')

Avon ϕ in Denton Devonian Field: 5%

Reserve Parameters - F.V.F 1.3
ϕ 8%
Sw .35
Area 40 ac
Rec Factor 35%

South Denton Field
Lea Co., N.M.
Scale - 100'-1" by J.G.E.am
2-20-81

To accompany application - V-F Petrol. #1 Hubar-State

U.S.G.S. PHOTOGRAPHIC
DENVER, COLORADO