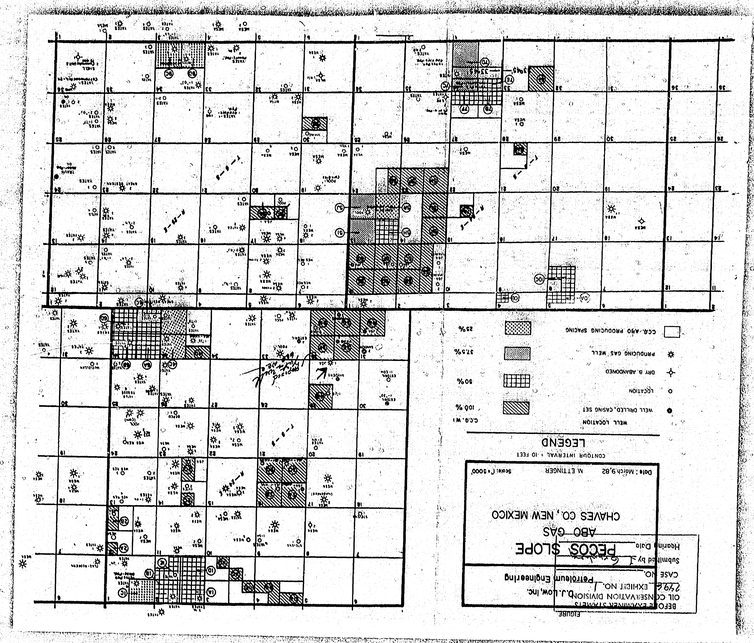
Case No
7496

Large Exhibits



BEST AVAILABLE COPY

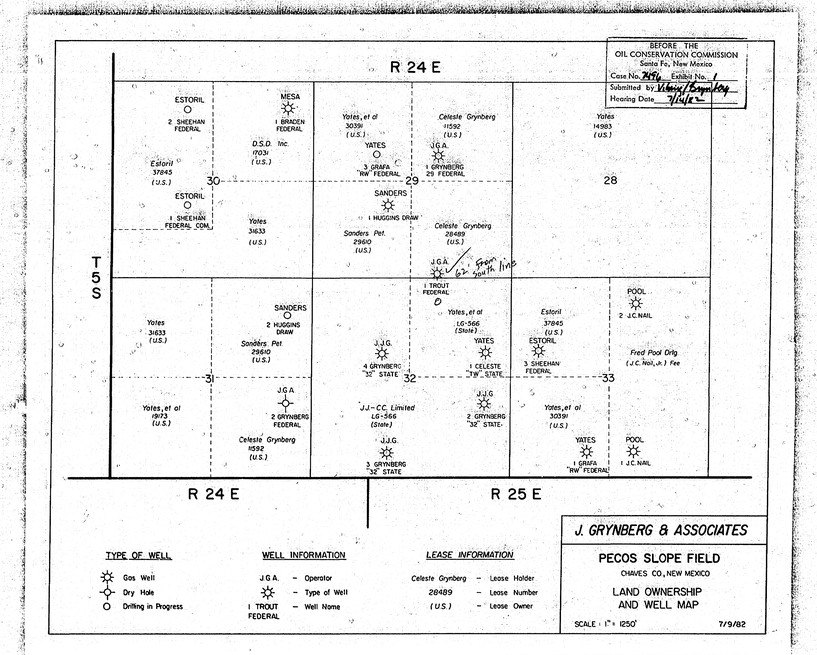
Case No

7496

(DE NOVO)

Large Exhibits



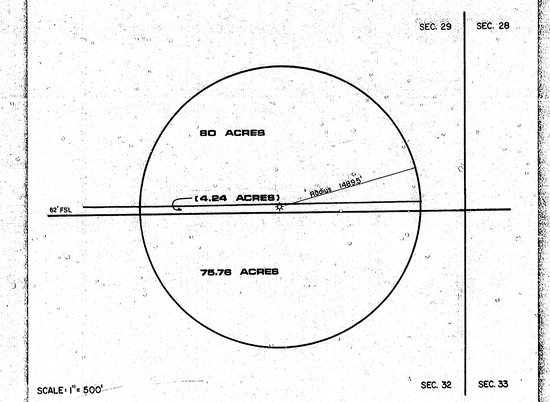

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 2856 Exhibit No. 1
Submitted by: Kellahin/Grynberg
Hearing Date 7/14/82
R 24 E
ESTORIL
2 SHEEHAN FEDERAL
MESA
1 BRADEN FEDERAL
Yates, et al
3039
(U.S.)
Celeste Grynberg
11592
(U.S.)
Yates
14983
(U.S.)
D.S.D. Inc.
1703
(U.S.)
YATES
3 GRAFA "RW" FEDERAL
J.G.A.
1 GRYNBERG 29 FEDERAL
Estoril
37845
(U.S.)
30
29
28
ESTORIL
1 SHEEHAN FEDERAL COM.
Yates
3633
(U.S.)
SANDERS
1 HUGGINS DRAW
Sanders Pet.
2960
(U.S.)
Celeste Grynberg
28489
(U.S.)
J.G.A.
1660' from south line
T
5
S
1 TROUT FEDERAL
Yates, et al
LG-566
(State)
YATES
1 CELESTE "W" STATE
Estoril
37845
(U.S.)
ESTORIL
3 SHEEHAN FEDERAL
POOL
2 J.C. NAIL
Fred Pool Orig.
(J.C. Nail, Jr.) Fee
Yates
3633
(U.S.)
SANDERS
2 HUGGINS DRAW
Sanders Pet
2960
(U.S.)
J.J.G.
4 GRYNBERG "32" STATE
31
32
33
Yates, et al
1923
(U.S.)
J.G.A.
2 GRYNBERS FEDERAL
Celeste Grynberg
11592
(U.S.)
J.J.-C.C. Limited
LG-566
(State)
J.J.G.
3 GRYNBERG "32" STATE
J.J.G.
2 GRYNBERG "32" STATE-
Yates, et al
3039
(U.S.)
YATES
1 GRAFA "RW" FEDERAL
POOL
1 J.C. NAIL
R 24 E
R 25 E
J. GRYNBERG & ASSOCIATES
PECOS SLOPE FIELD
CHAVES CO., NEW MEXICO
LAND OWNERSHIP
AND WELL MAP
SCALE : 1" = 1250'
7/9/82
TYPE OF WELL
Gas Well
Dry Hole
Drilling in Progress
WELL INFORMATION
J.G.A. – Operator
– Type of Well
1 TROUT FEDERAL – Well Name
LEASE INFORMATION
Celeste Grynberg – Lease Holder
28489 – Lease Number
(U.S.) – Lease Owner

Area of a Circle = $\pi r^2 = \pi(1489.5)^2 = 6,969,970$ sq.ft. = 160 Acres

62'(1489.5' ÷ 2) = 184698 sq.ft. = 4.24 Acres

Drainage Area For

UNORTHODOX LOCATION - (Black Circle)



SCALE: 1" = 500'

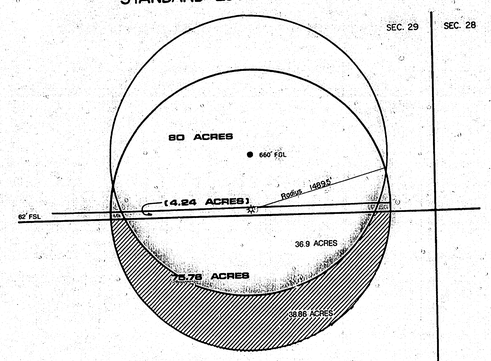
BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
Case No. 7491 Exhibit No. 3
Submitted by Viking/Brunkow
Hearing Date 7/19/82

Area of a Circle = $\pi r^2 = \pi(1489.5)^2 = 6,969,970$ sq. ft. = 160 Acres
$62^{\circ}(1489.5^{\circ} \cdot 2) = 184,698$ sq. ft. = 4.24 Acres

Drainage Area For

UNORTHODOX LOCATION - (Black Circle)

STANDARD LOCATION - (Red Circle)



75.76 - 36.9 = 38.86 acres

SCALE: 1" = 500'

56.9
-20.0
36.9 acres

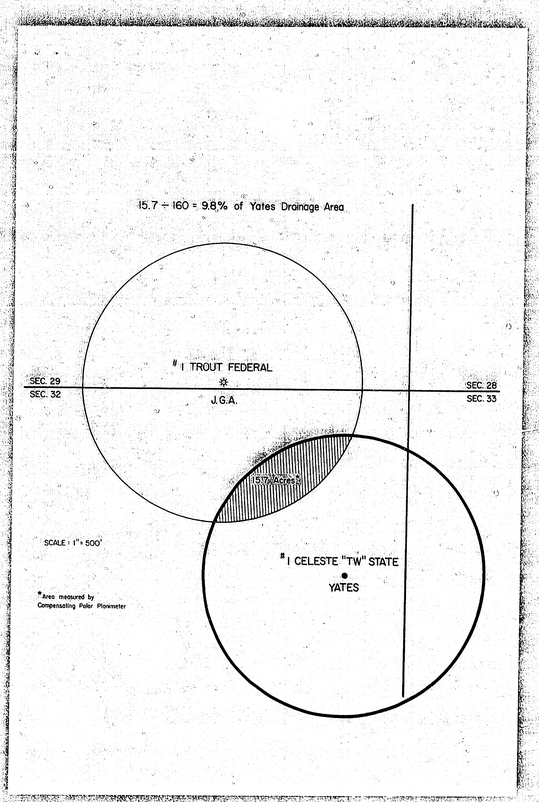
$\frac{38.86}{160}$ = 24.3% of NE/4 of SEC. 32

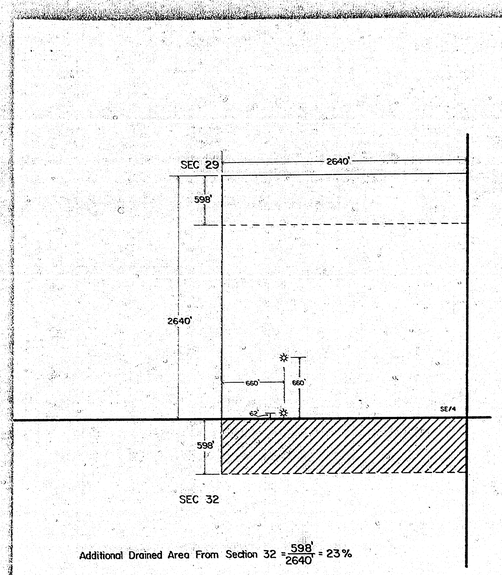


$\frac{135.4}{360} \times 160 = 56.9$ acres

$h = 1489.5' \times \sin 26^{\circ} = 652.9'$
Area = $(1489.5 \times \cos 26^{\circ}) 652.9 = 874,069.9$ sq. ft. = 20 acres

U.S.G.S. DENVER, COLO.
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15.7 ÷ 160 = 9.8% of Yates Drainage Area
#1 TROUT FEDERAL
J.G.A.
SEC. 29
SEC. 32
SEC. 28
SEC. 33
15.7 Acres*
SCALE : 1" = 500'
#1 CELESTE "TW" STATE
YATES
*Area measured by
Compensating Polar Planimeter



Additional Drained Area From Section 32 = $\frac{598'}{2640'}$ = 23%

Production Limiting Factor = 100% - 23% = 77%