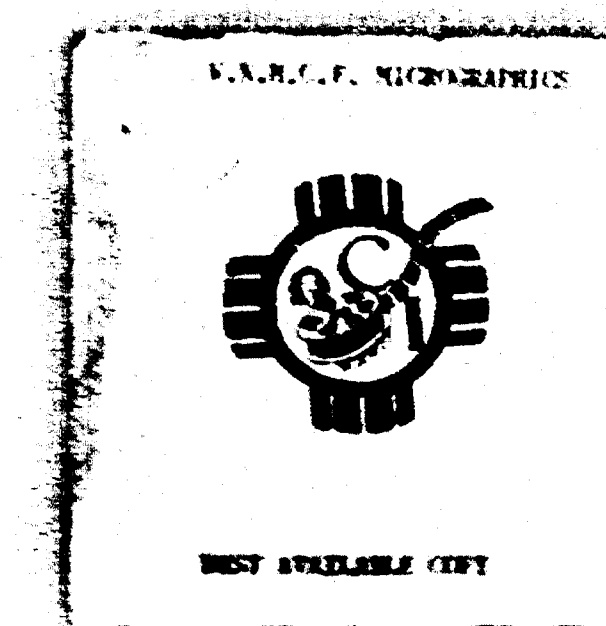
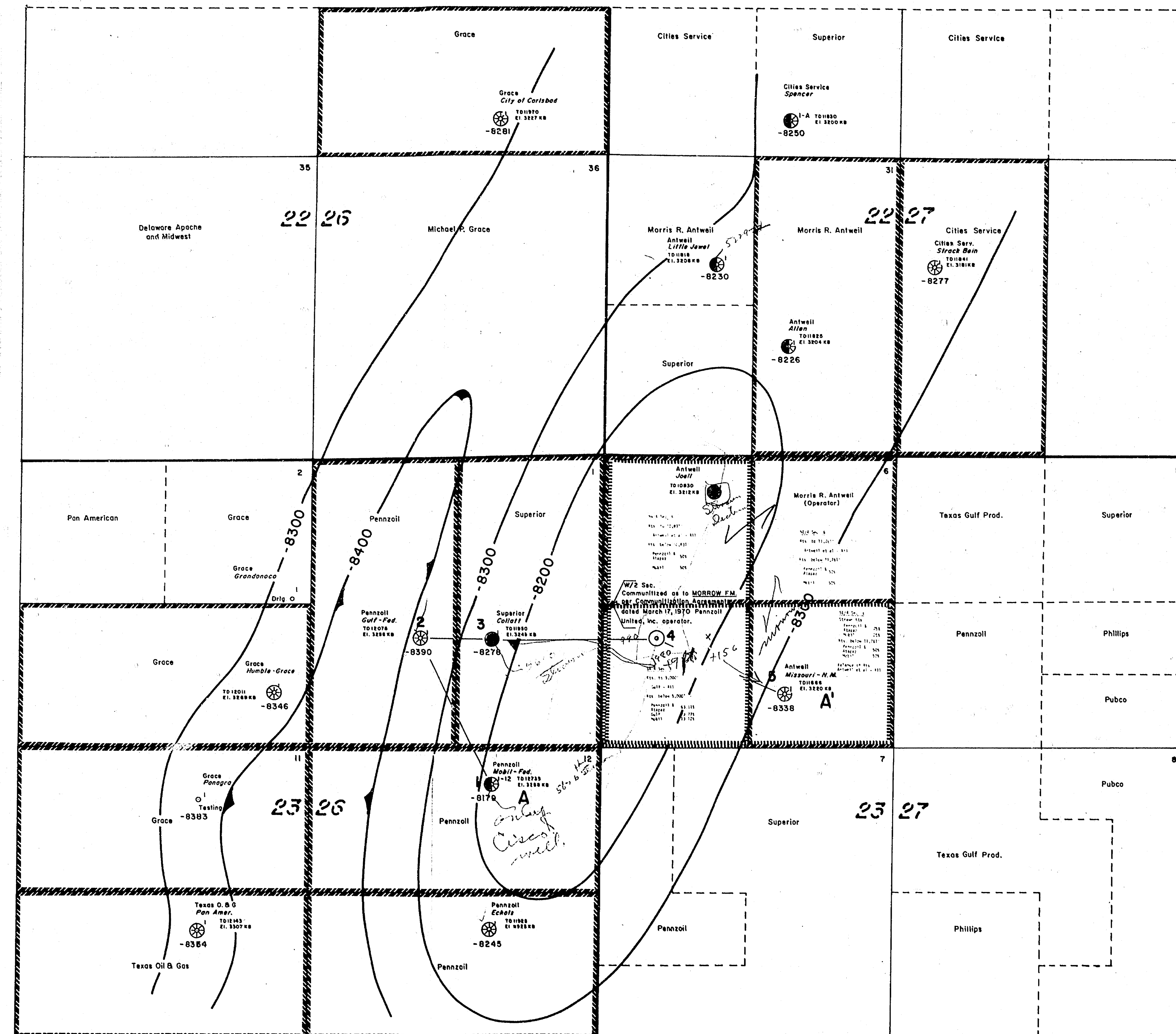


Case No

4585

Large Exhibits





Proposed Proration Unit  
Proration Unit Outline

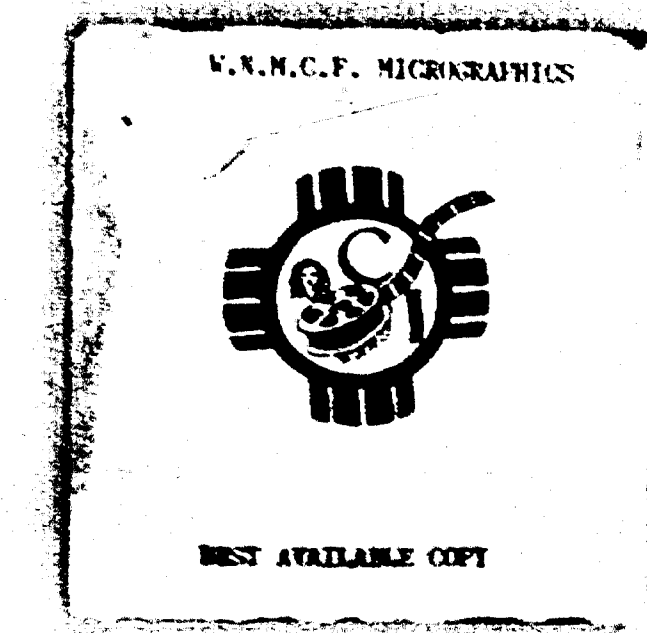
- Strawn
- Atoka
- Morrow

BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION  
EXHIBIT NO. 1  
CASE NO. 1585

PENNZOIL UNITED, Inc.  
WESTERN DIVISION  
HOUSTON, TEXAS

CARLSBAD, SOUTH AREA  
EDDY COUNTY, NEW MEXICO  
STRUCTURE MAP  
MORROW "B" SAND  
CONTOUR INTERVAL: 100'  
SCALE: 1" = 1000'

BY: D. C. MILLER  
DATE: AUGUST, 1971



-2-  
CASE NO. 4585  
Order No. R-

(3) That the applicant seeks to locate the above-described well at a location as far removed from the oil pool as is feasible in order to not interfere with operations on adjoining potential leases.

(4) That the evidence indicates that the entire S/2 of said Section 6 is productive of gas from the Strawn formation.

(5) That the entire S/2 of said Section 6 can be efficiently and economically drained and developed by the subject well.

(6) That there is evidence that a well at the proposed unorthodox location would penetrate a thicker pay section and encounter it structurally higher than a well at an orthodox location.

(7) That the evidence indicates that a well at the proposed unorthodox location should recover more gas than a well at an orthodox location.

(8) That due to the unorthodox location of the above-described well, the correlative rights of some offset operators will be impaired if unrestricted production by the subject well is permitted.

(9) That to offset the advantage to be gained over offset operators, the well to be drilled in the S/2 of Section 6 should be assigned a ratable-take factor of 82 percent ~~as to each pool in the South Carlsbad-Strawn Gas Pool.~~

(10) That approval of the subject application will afford the applicant the opportunity to produce his just and equitable share of the gas in the subject South Carlsbad-Strawn Gas Pool, will prevent the augmentation of risk arising from the drilling of an excessive number of wells, and will otherwise prevent waste and protect correlative rights, provided the above-described ratable-take factor is assigned to the subject well.

IT IS THEREFORE ORDERED:

(1) That the applicant, Pennzoll United, Inc., is hereby granted an exception to the well location requirements of Rule 104C II of the Commission Rules and Regulations and is hereby authorized to drill a gas well ~~in the~~ in the ~~South Carlsbad-Strawn Gas Pool~~ at an unorthodox gas well location 1980 feet from the South line and 990 feet from the West line of Section 6, Township 23 South, Range 27 East, NMPH, Eddy County, New Mexico, to be dedicated to a standard unit comprising the S/2 of said Section 6.

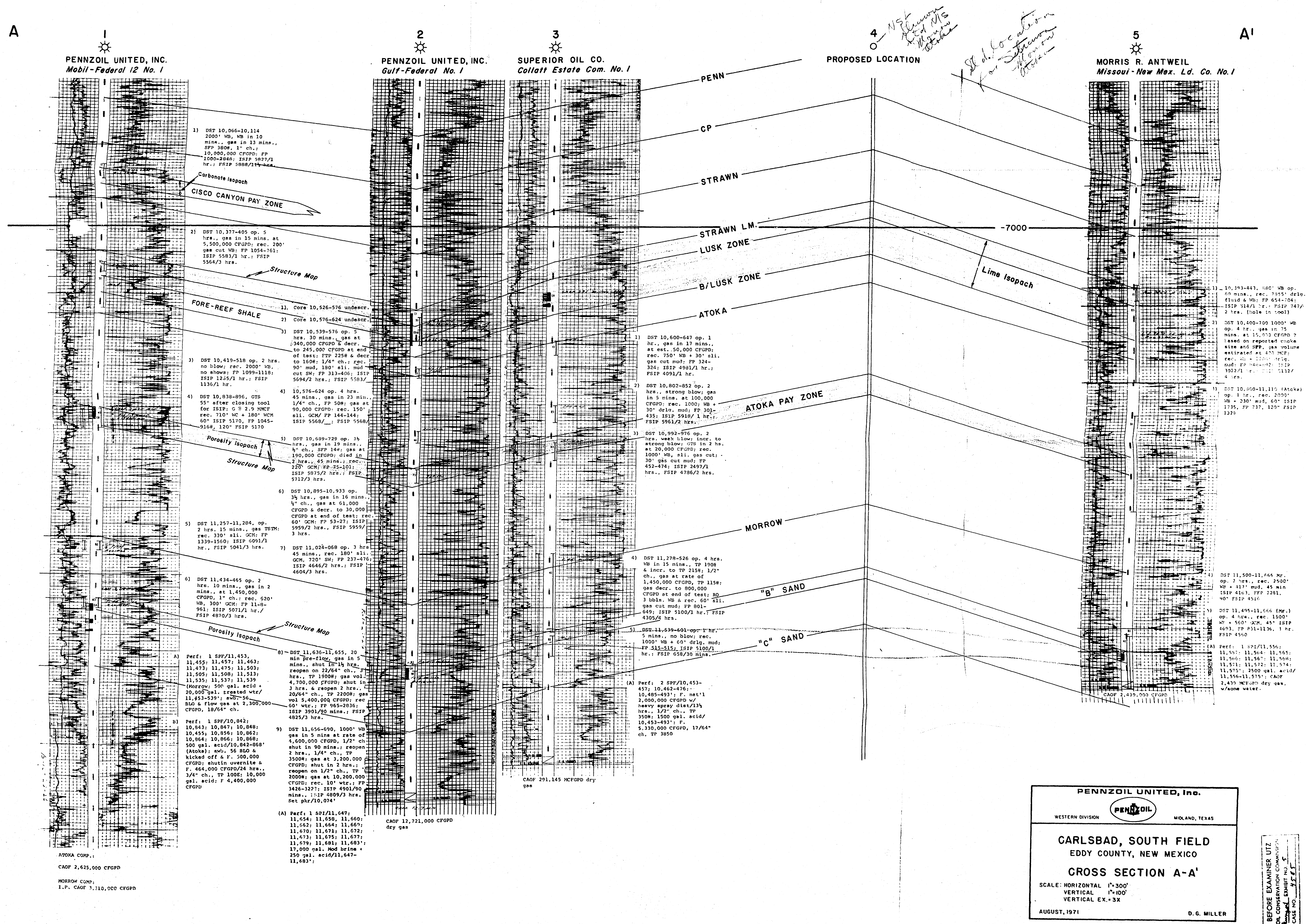
PROVIDED HOWEVER, that ~~as to each of said pools,~~ said well is assigned a ratable-take factor of 82% to the subject pool.

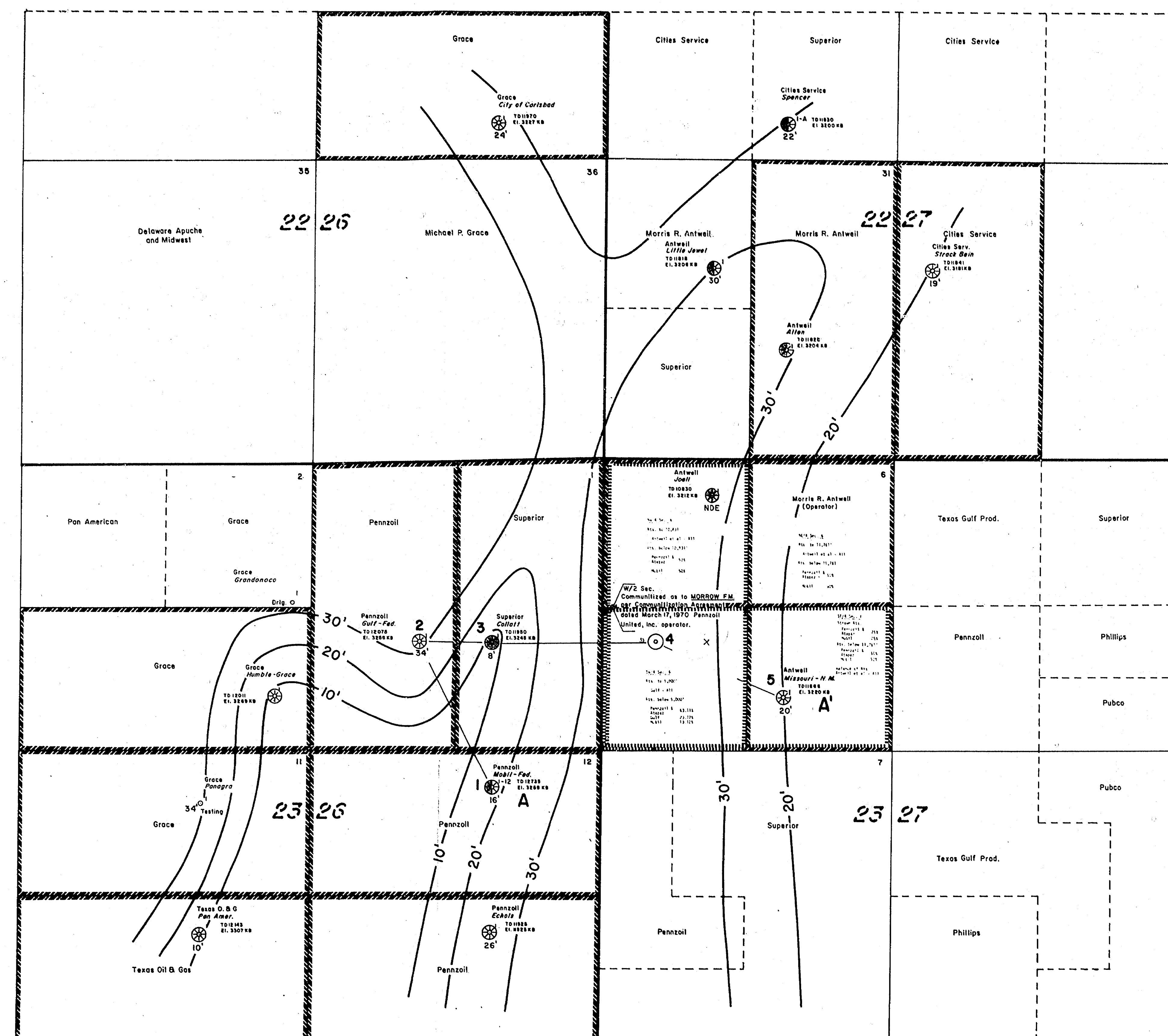
PROVIDED FURTHER, that in the event ~~any~~ said pool is prorationed, the subject well ~~as to each proration pool~~ shall be assigned an acreage factor for proration purposes of 0.82.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.







Proposed Proration Unit  
Proration Unit Outline

- Strawn
- ⊙ Atoka
- ⊗ Morrow

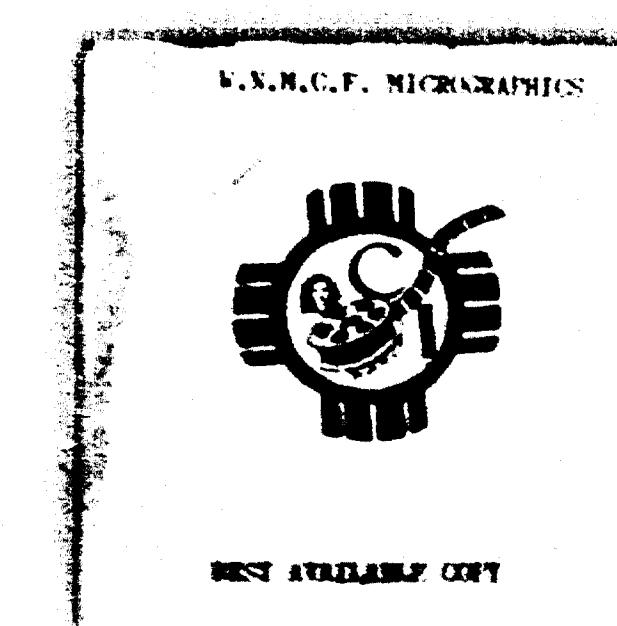
BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION  
PENNZOIL EXHIBIT NO. 6  
CASE NO. 4545

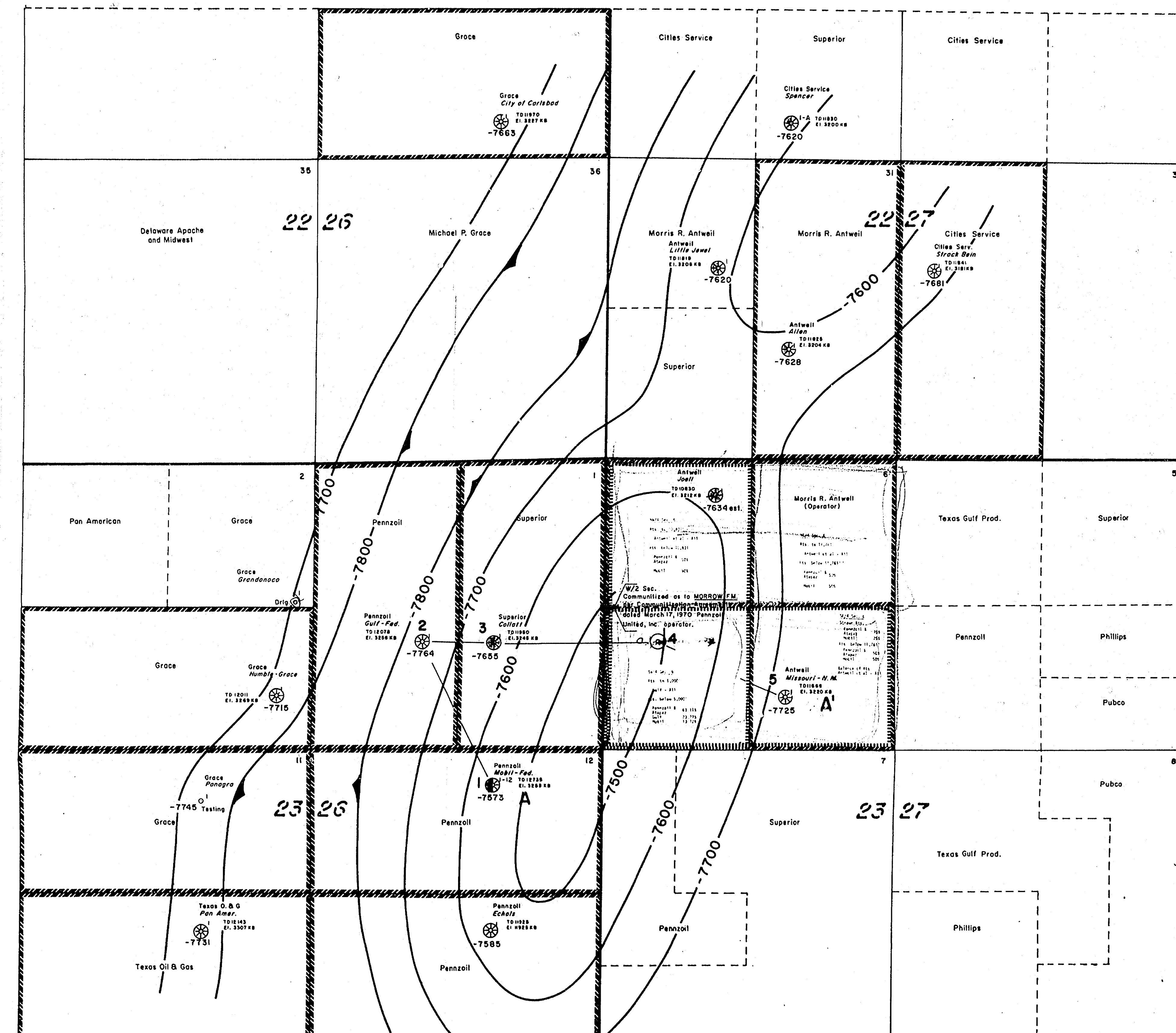
PENNZOIL UNITED, Inc.  
WESTERN DIVISION  
VINTAGE, 5007 S.E. 1/4, 6% Offset  
CARLSBAD, SOUTH AREA  
EDDY COUNTY, NEW MEXICO  
ISOPACH MAP  
"B" MORROW SAND  
NET POROSITY  
CONTOUR INTERVAL 10'  
SCALE: 1" = 1000'

WOLAND, TEXAS

BY: D. G. MILLER

DATE: AUGUST, 1971





Proposed Proration Unit  
Proration Unit Outline

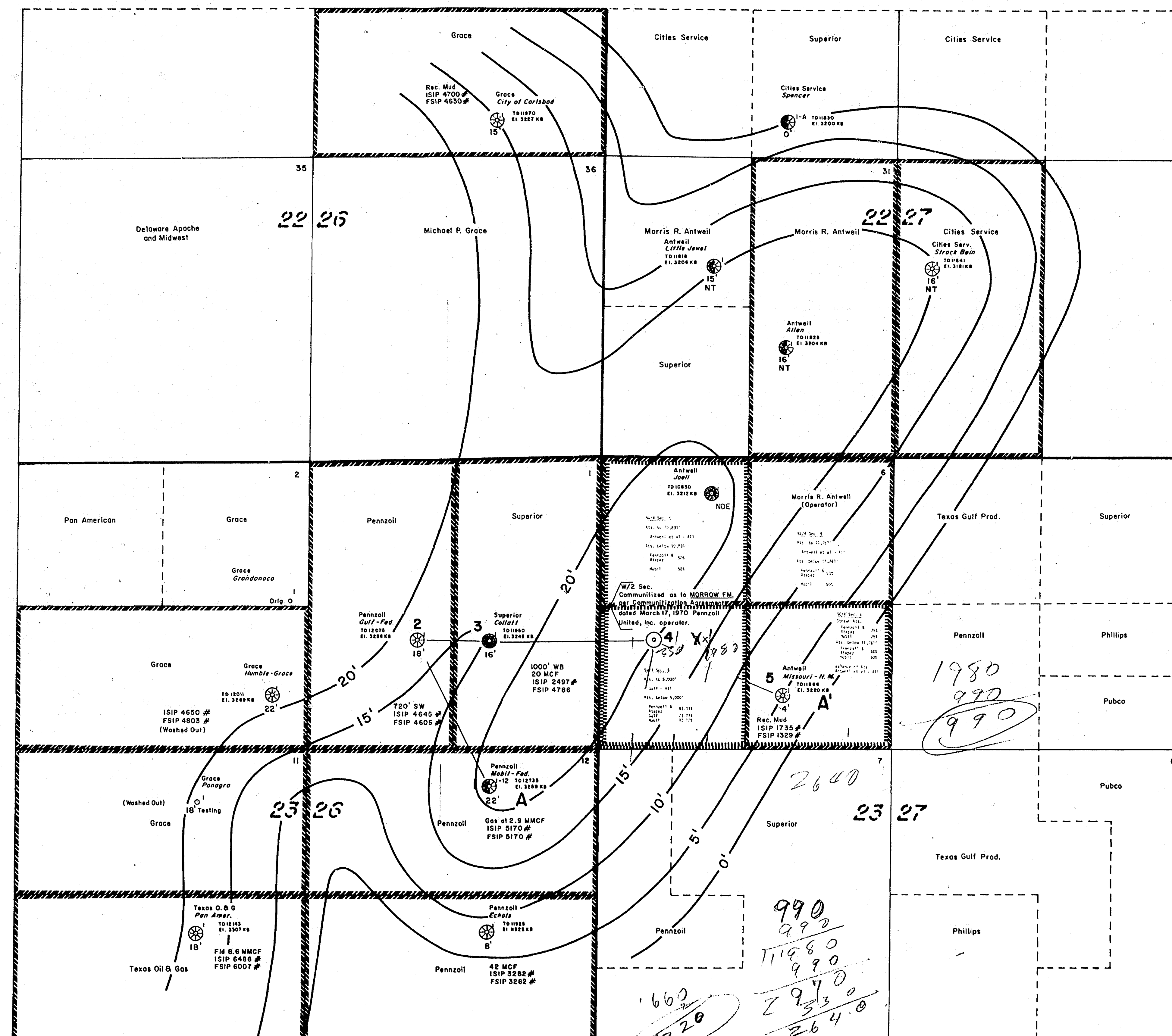
Strawn  
Atoka  
Morrow

BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION  
EXHIBIT NO. 7  
CASE NO. 4585

PENNZOIL UNITED, Inc.  
WESTERN DIVISION  
CARLSBAD, SOUTH AREA  
EDDY COUNTY, NEW MEXICO  
STRUCTURE MAP  
ATOKA LIME  
CONTOUR INTERVAL 100'  
SCALE: 1" = 1000'

BY: D. G. MILLER  
DATE: AUGUST, 1971





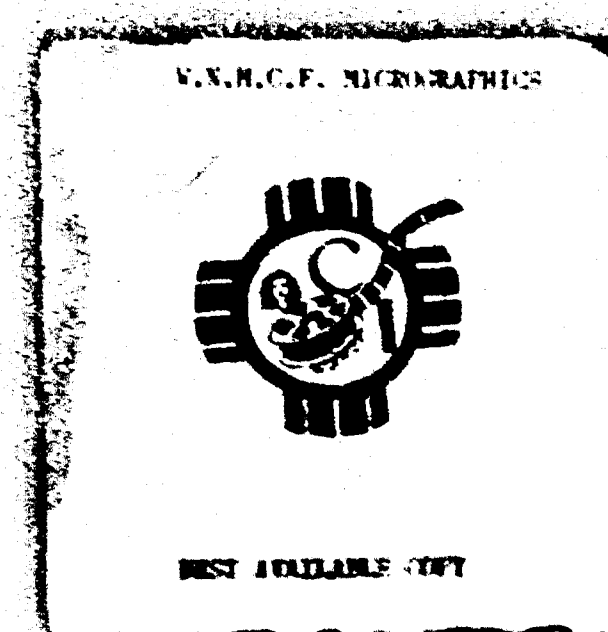
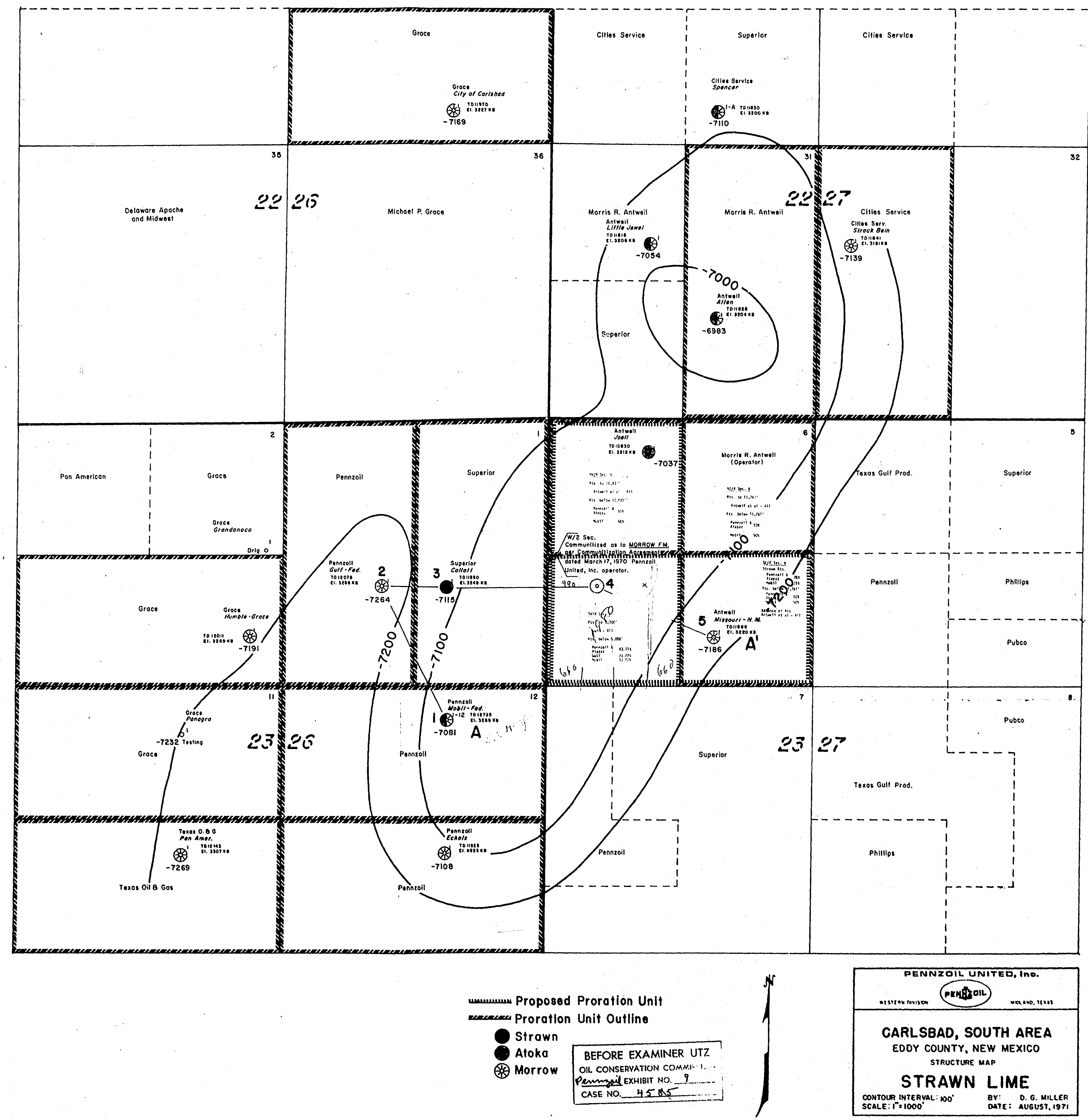
Proposed Proration Unit  
Proration Unit Outline

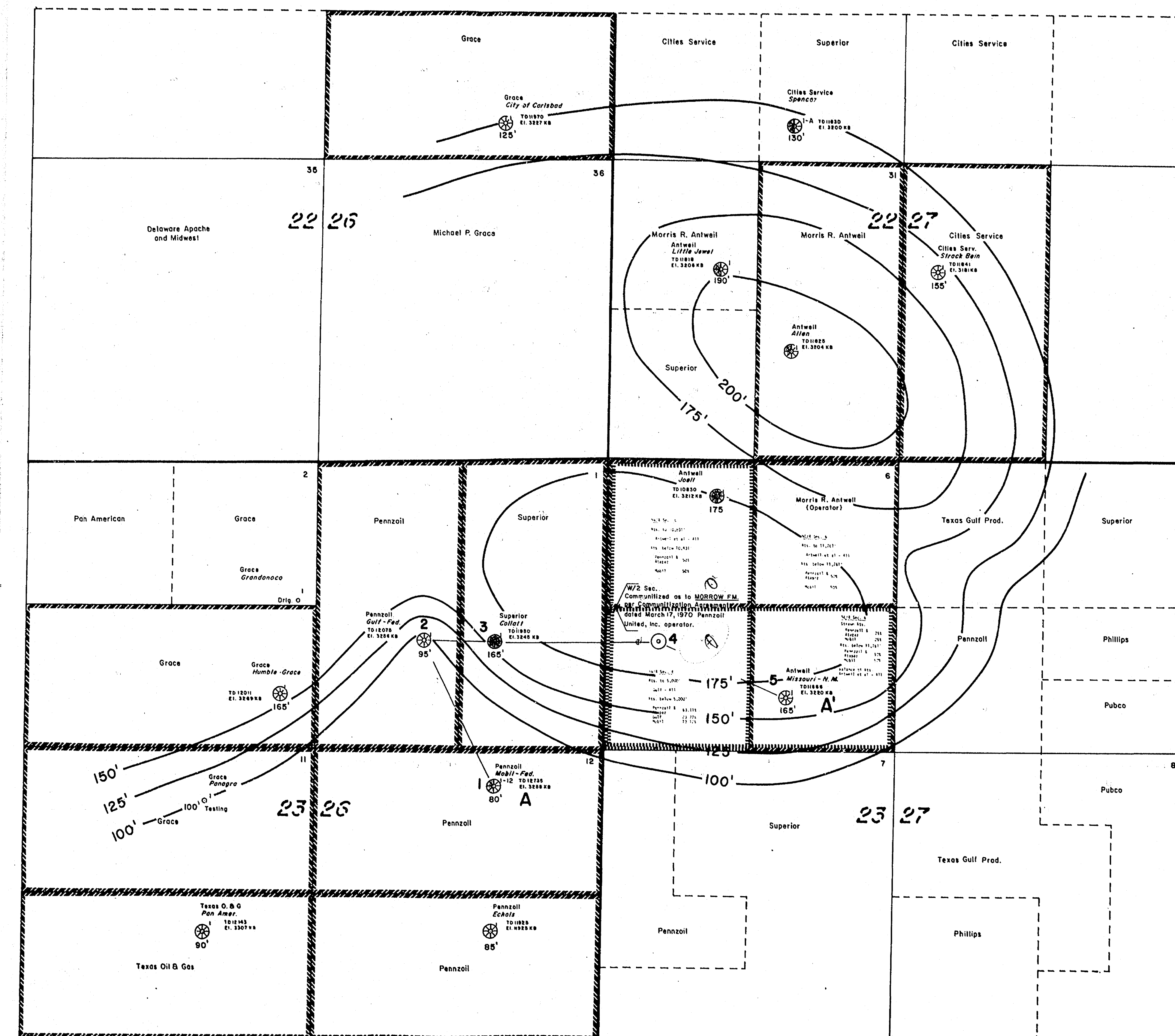
- Strawn
- Atoka
- Morrow

BEFORE EXAMINER UTZ  
OIL CONSERVATION COMMISSION  
EXHIBIT NO. 8  
CASE NO. 4585

PENNZOIL UNITED, Inc.  
WESTERN DIVISION  
CARLSBAD, SOUTH AREA  
EDDY COUNTY, NEW MEXICO  
ISOPACH MAP  
ATOKA POROSITY  
CONTOUR INTERVAL: 5'  
SCALE: 1"=1000'  
BY: D. G. MILLER  
DATE: AUGUST, 1971







Proposed Proration Unit  
Proration Unit Outline

Strawn  
Atoka  
Morrow

BEFORE EXAMINER UTZ.  
OIL CONSERVATION COMMISSION  
EXHIBIT NO. 20  
CASE NO. 4585

PENNZOIL UNITED, INC.  
WESTERN DIVISION  
VOL. AND. 11.145

CARLSBAD, SOUTH AREA  
EDDY COUNTY, NEW MEXICO

ISOPACH MAP

STRAWN LIME

CONTOUR INTERVAL: 25'  
SCALE: 1"=1000'

BY: D. G. MILLER  
DATE: AUGUST, 1971



