



Union Texas Petroleum Division  
1300 Wilco Building  
Midland, Texas 79701

June 15, 1978

JUN 17 1978

Oil Conservation Commission  
State of New Mexico  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Re: Conversion of well to water injection  
Milnesand (San Andres) Unit  
Roosevelt County, New Mexico

Gentlemen:

On May 31, 1978, we submitted Sundry Notice to convert the following well to water injection:

Milnesand (San Andres) Unit #187  
Unit Letter "B", Section 18,  
T-8-S, R-35-E

In accordance with Section 11 of the Milnesand (San Andres) Unit Agreement, this Revision of Initial Plan of Operation is respectfully submitted.

The Milnesand (San Andres) Unit flood, which is in the intermediate phase, has not performed as predicted with the injection in the San Andres formation in an initial inverted nine spot pattern. Therefore in October, 1976, a pilot area was formed consisting of four five spot patterns. The four producers in this area have shown an increase in oil production of 35 BPD in the past two years. This increase is attributed to the denser injection pattern in the pilot area. Therefore, the working interest owners have approved a northeast extension of the 5-spot injection pattern program. Conversion of the Milnesand Unit #187 will create two additional 5-spot areas. Producing wells No. 185 and No. 186 will be effected by this conversion.

In compliance with Rule 701-B, we are submitting the following attachments:

1. A plat of the Milnesand (San Andres) Unit Showing location of the proposed injection well.
2. Log of the proposed injection well.
3. Diagramatic sketch of the proposed injection well.

Case 4139  
D. J. S. - 3726

Case 4139  
D. J. S. - 3726

Water will be injected into the unitized formation of the Milnesand (San Andres) Unit at an approximate depth of 4581' to 4640'. The injection pressure will be approximately 1200 psi. The injection rate will be 300 BPD.

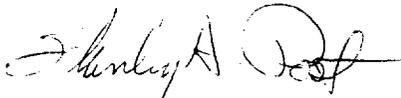
The water injected will be from our existing facilities. This water is obtained from Mobil's Crossroads Field.

If this information meets with your approval under the provisions of Rule 701-B, we respectfully request permission to convert the subject well to water injection.

If any additional information is needed, please advise.

Very truly yours,

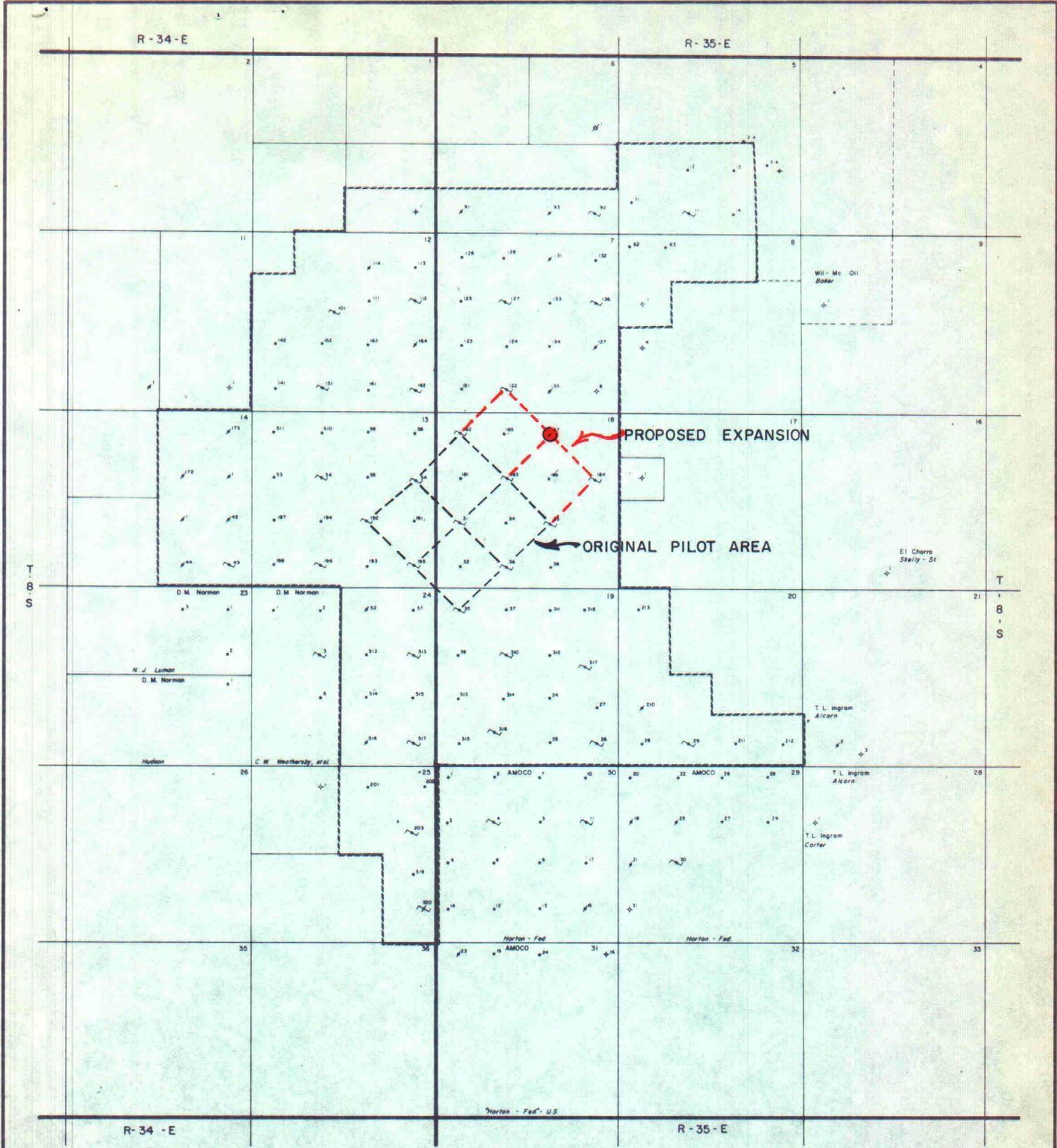
UNION TEXAS PETROLEUM, A Division  
of Allied Chemical Corporation



Stanley A. Post  
Senior Production Analyst

SAP:hb

cc: USGS - Hobbs  
OCC - Hobbs



R-34-E

R-35-E

PROPOSED EXPANSION

ORIGINAL PILOT AREA

W.L. Mc. Oil  
Baker

E1 Chorro  
Searcy - Sr

D.M. Norman

D.M. Norman

N.J. Luman

D.M. Norman

Horton

C.W. Weatherly, et al.

T.L. Ingram  
Alcorn

T.L. Ingram  
Alcorn

T.L. Ingram  
Carter

Horton - Fed - U.S.

R-35-E

R-34-E

LEGEND

- INJECTION WELL
- PRODUCING WELL
- TEMPORARILY ABANDONED
- PERMANENTLY ABANDONED
- DRY HOLE
- UNIT BOUNDARY
- PROPOSED INFILL WELL

TO BE CONVERTED TO INJECTION



UNION TEXAS PETROLEUM  
A DIVISION OF ALLIED CHEMICAL CORPORATION

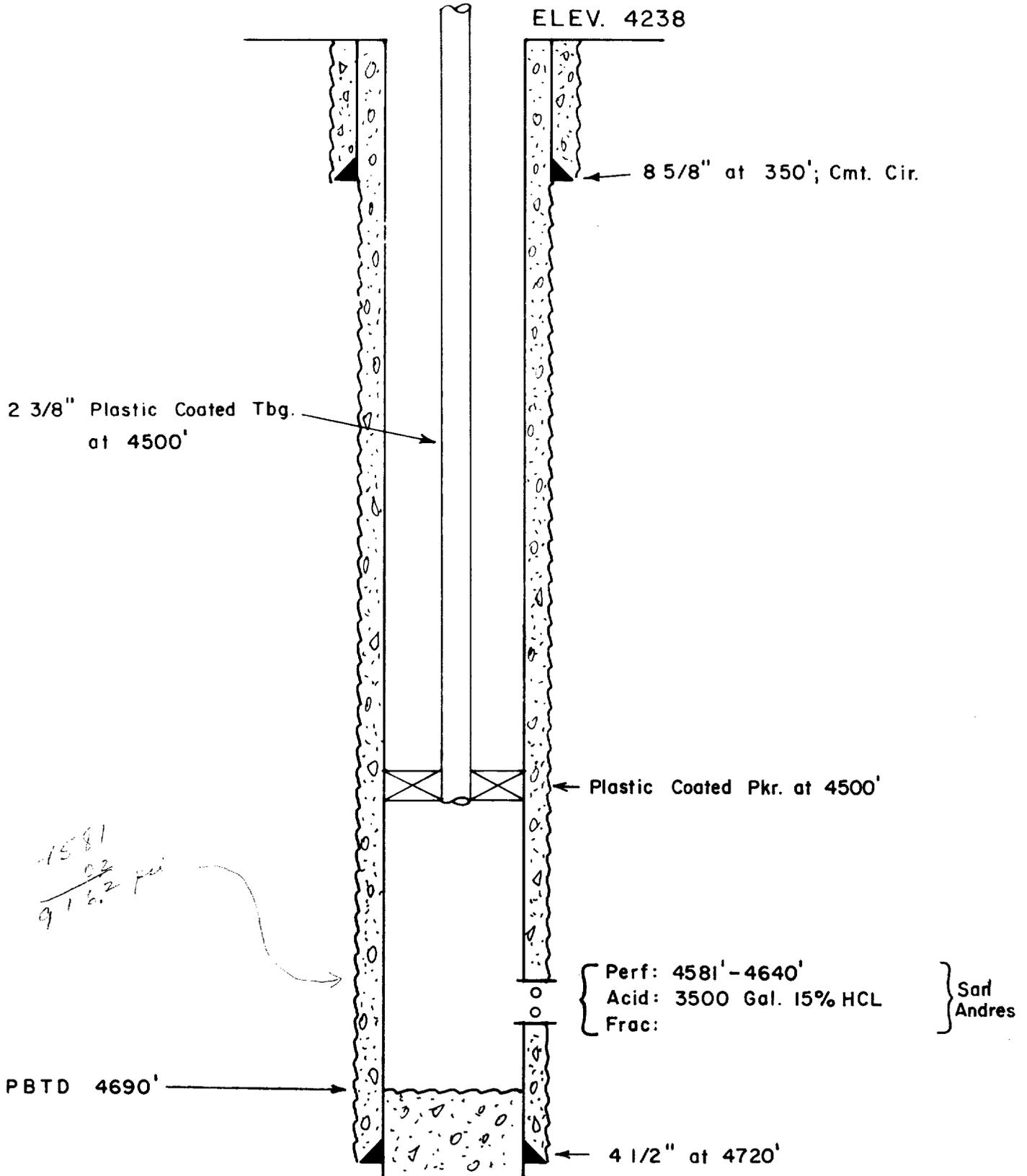
MILNESAND (SAN ANDRES) UNIT  
ROOSEVELT COUNTY, NEW MEXICO

SCALE IN FEET  
2000 0 2000 4000

MIDLAND DISTRICT

UNION TEXAS PETROLEUM  
MILNESAND (S.A.) UNIT NO. 187

UNIT B, SEC. 18, T-8S, R-35E



OIL CONSERVATION COMMISSION  
HOBBS DISTRICT

OIL CONSERVATION COMMISSION  
BOX 2088  
SANTA FE, NEW MEXICO

DATE June 19, 1978

RE: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX XX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated June 15, 1978  
for the Union Texas Petroleum Corp. Milnesand San Andres Ut. #187-B 18-8-35  
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

\_\_\_\_\_  
OK ---- Jerry Sexton  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Yours very truly,

  
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