



PHILLIPS PETROLEUM COMPANY

EDISON, TEXAS 79002
500 PINEBROOK

NATURAL RESOURCES GROUP
Exploration and Production

March 24, 1980

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit
Tract No. 1910, Well No. 003
Vacuum Grayburg-San Andres Pool
Lea County, New Mexico

New Mexico Department of Energy and Minerals (3)
Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey
Division Director

Gentlemen:

We respectfully request administrative approval as provided by Order No. R5897, Rule No. 9, for the East Vacuum Unit pressure maintenance project, to convert the East Vacuum Grayburg-San Andres Unit, Tract 1910, Well No. 003, to water injection service. The following data is submitted in support of this request:

1. Unit plat reflecting the proposed injection well and injection well project area. (Well: Unit J, 19, 17-S, 35-E.)
2. Compensated sonic log of the injection well.
3. Diagrammatic sketch of the proposed well, injection tubing, packer, and pressure control elements identifying the San Andres perforated injection interval.
4. The name of the injection formation is San Andres with injection to be into the interval 4608 to 4730 feet. Injection will be by gravity with an anticipated maximum of 500 barrels of produced Grayburg-San Andres water per day.

Your consideration and early advice will be appreciated.

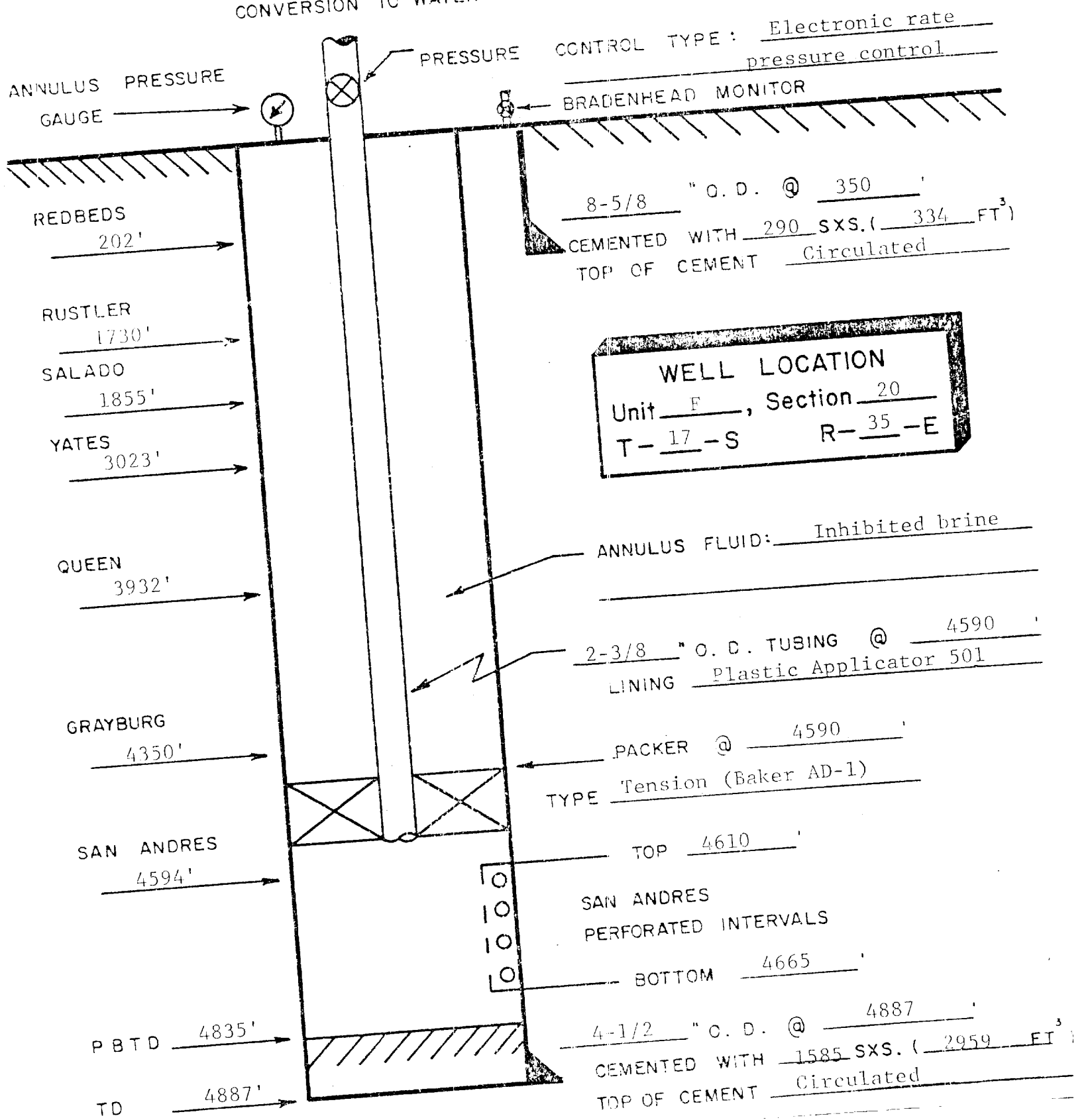
Very truly yours,

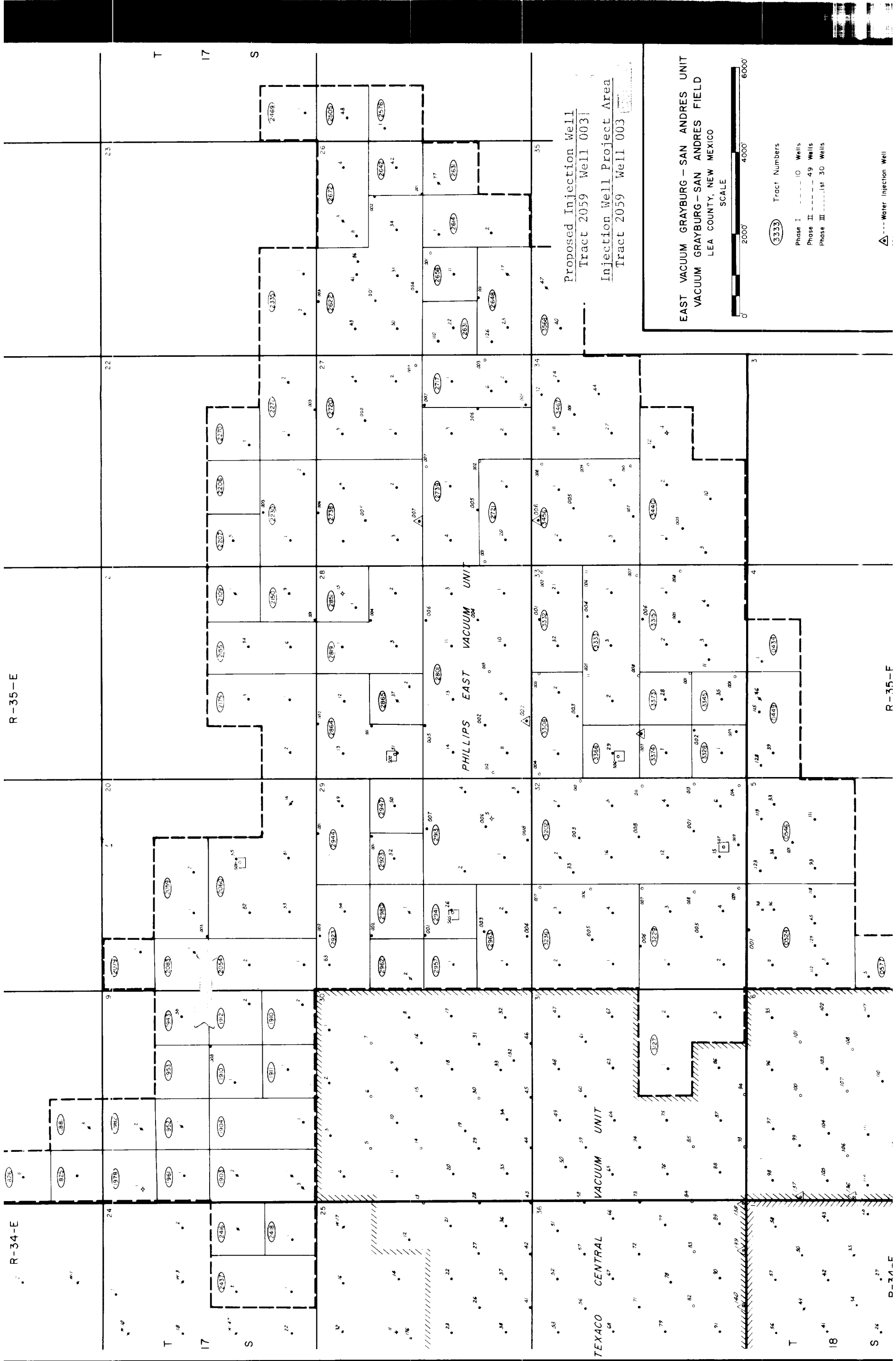
T. Harold McLeMore
Area Regulation and Proration Analyst

THM/jj
Attachments

cc: Oil Conservation Division
Hobbs, New Mexico (Attachments w/o CNFD log)

PHILLIPS PETROLEUM COMPANY
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT
N.M.O.C.D. R-5897
VACUUM GRAYBURG - SAN ANDRES POOL, LEA COUNTY, NEW MEXICO
TRACT 2059 WELL C03
CONVERSION TO WATER INJECTION STATUS





R-34-E

R-35-E

R-35-F

T17S

24

25

26

27

28

29

30

31

32

33

34

35

TEXACO CENTRAL VACUUM UNIT

PHILLIPS EAST VACUUM UNIT

EAST VACUUM GRAYBURG - SAN ANDRES UNIT

VACUUM GRAYBURG - SAN ANDRES FIELD

LEA COUNTY, NEW MEXICO

Proposed Injection Well

Tract 2059 Well 003

Injection Well Project Area

Tract 2059 Well 003

Tract Numbers

Phase I --- 10 Wells

Phase II --- 49 Wells

Phase III --- 1st 30 Wells

SCALE

0 2000' 4000' 6000'

Water Injection Well