



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

November 8, 1979

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit
Tract No. 2717, Well No. 007
Vacuum Grayburg-San Andres Pool
Lea County, New Mexico

New Mexico Department of Energy and Minerals (3)
Oil Conservation Division
P. O. 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 2717, Well No. 007 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 L, 28, 17-S, 35-E).
2. Compensated Neutron-Formation Density 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 4371 to 4634 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

NOV 10 1979
OIL CONSERVATION DIVISION
SANTA FE

THM:rlh
Attachments

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

PHILLIPS PETROLEUM COMPANY

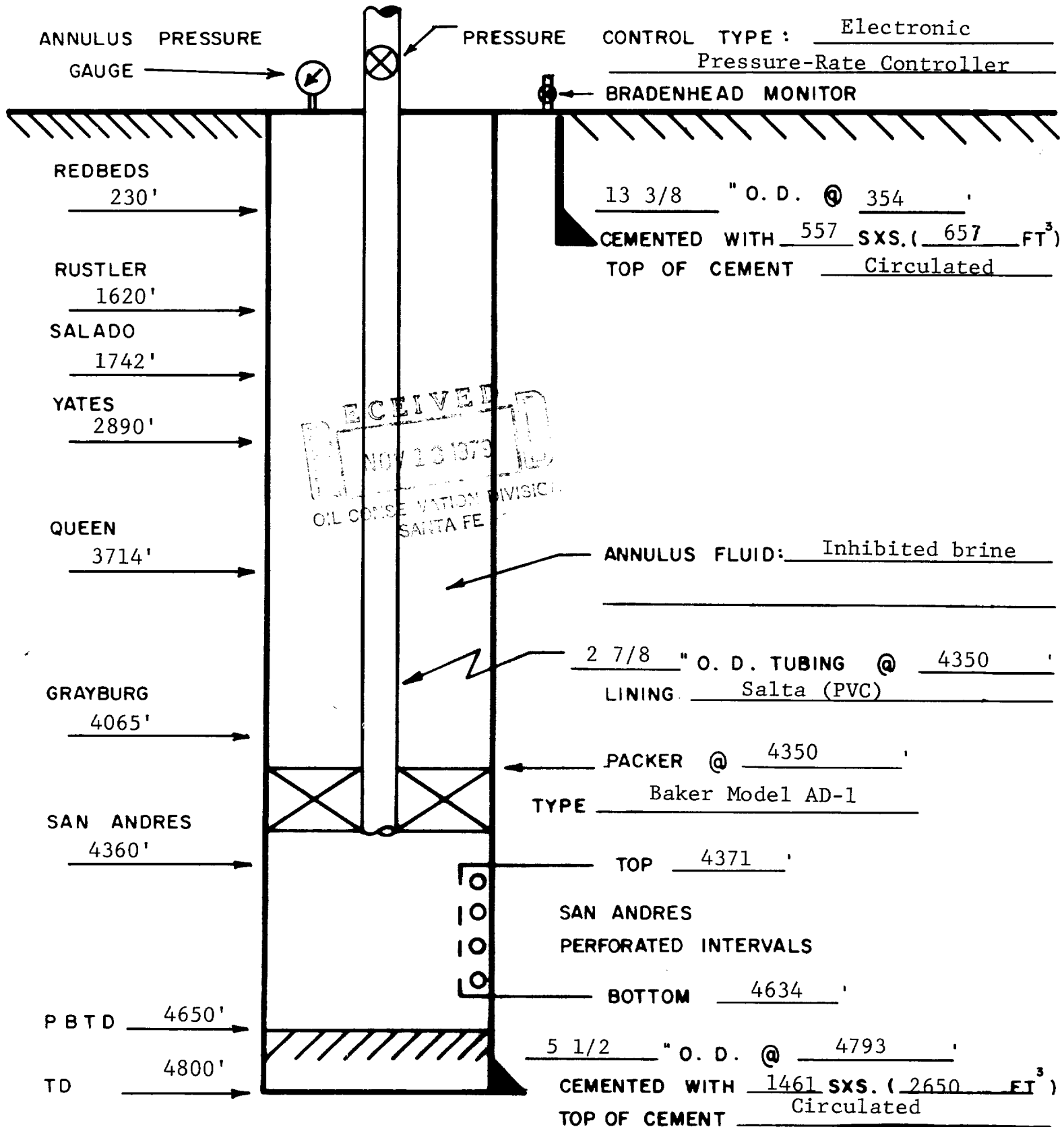
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

N. M. O. C. D. R-5897

VACUUM GRAYBURG - SAN ANDRES POOL, LEA COUNTY, NEW MEXICO

TRACT 2717 WELL 007

CONVERSION TO WATER INJECTION STATUS





PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

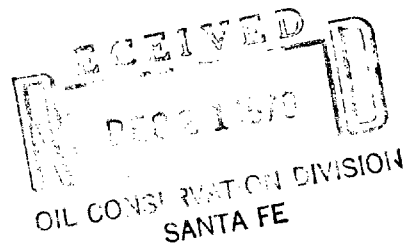
December 18, 1979

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit
Tract No. 3315, Well No. 006
Vacuum Grayburg-San Andres Pool
Lea County, New Mexico

New Mexico Department of Energy and Minerals (3)
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey
Division Director

Gentlemen:



We respectfully request administrative approval of expansion PMX 75, 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 3315, Well No. 006, 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, 33, 17-S, 35-E.)
2. Compensated Neutron-Formation Density 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 4371 to 4634 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:skm
Attachments

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

PHILLIPS PETROLEUM COMPANY

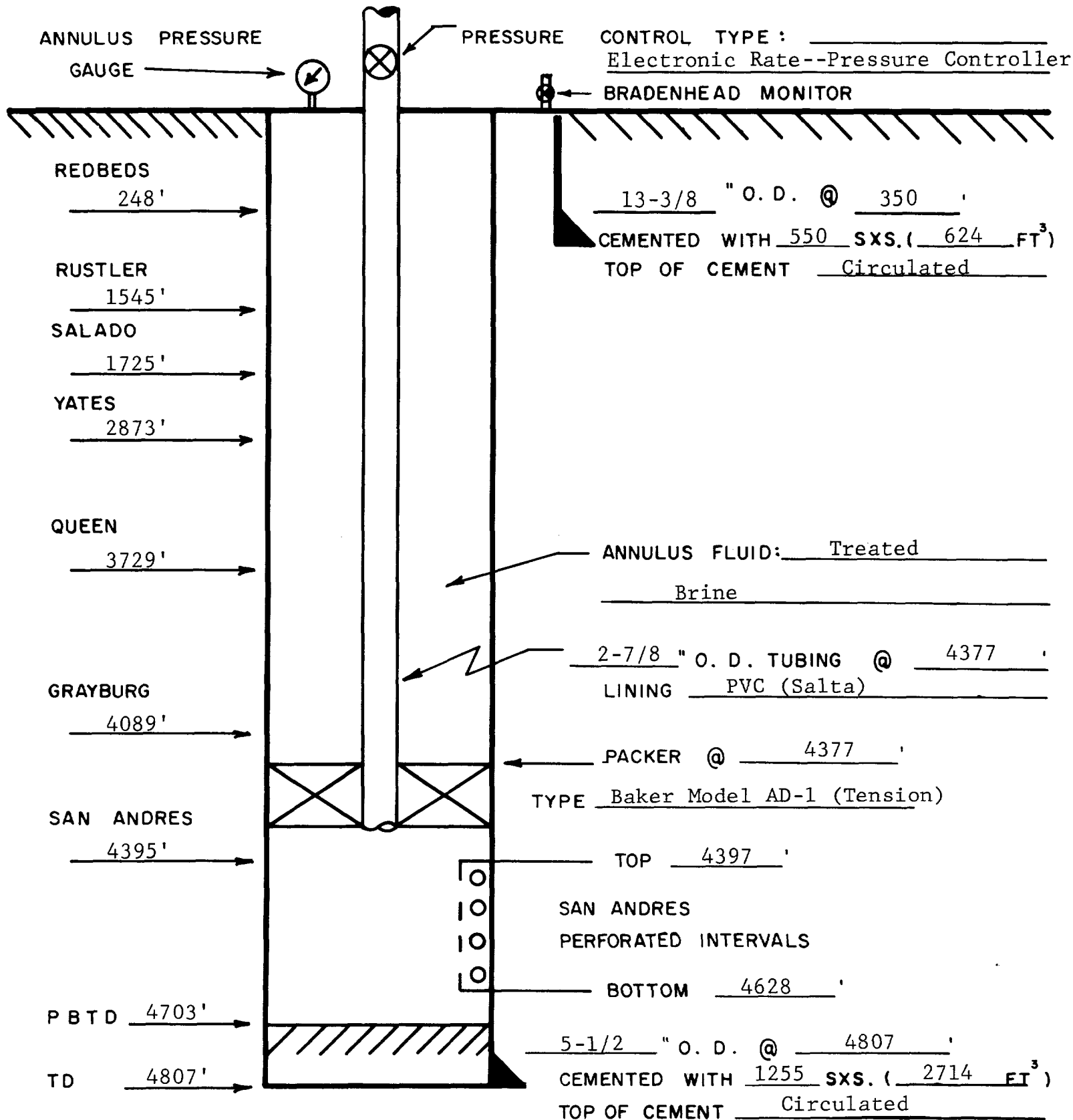
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

N. M. O. C. D. R - 5897

VACUUM GRAYBURG - SAN ANDRES POOL, LEA COUNTY, NEW MEXICO

TRACT 3315 WELL 006

CONVERSION TO WATER INJECTION STATUS





PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

December 18, 1979

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit
Tract No. 2738, Well No. 007
Vacuum Grayburg-San Andres Pool
Lea County, New Mexico

SANTA FE

New Mexico Department of Energy and Minerals (3)
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. Joe D. Ramey
Division Director

Gentlemen:

We respectfully request administrative approval of expansion PMX 75, 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 2738, Well No. 007, 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 E, 27, 17-S, 35-E.)
2. Compensated Neutron-Formation Density 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 4371 to 4634 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:skm
Attachments

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

PHILLIPS PETROLEUM COMPANY

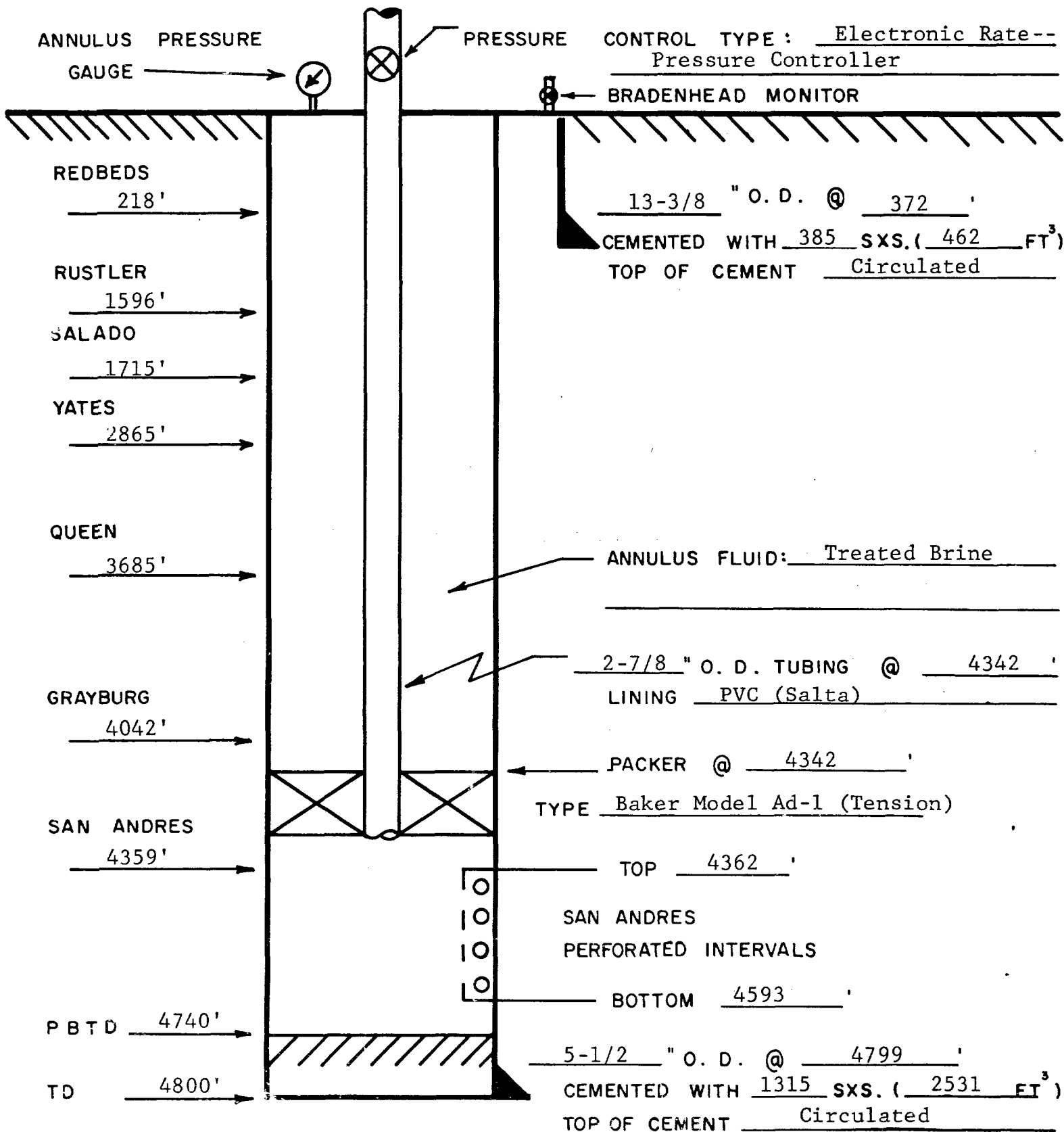
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

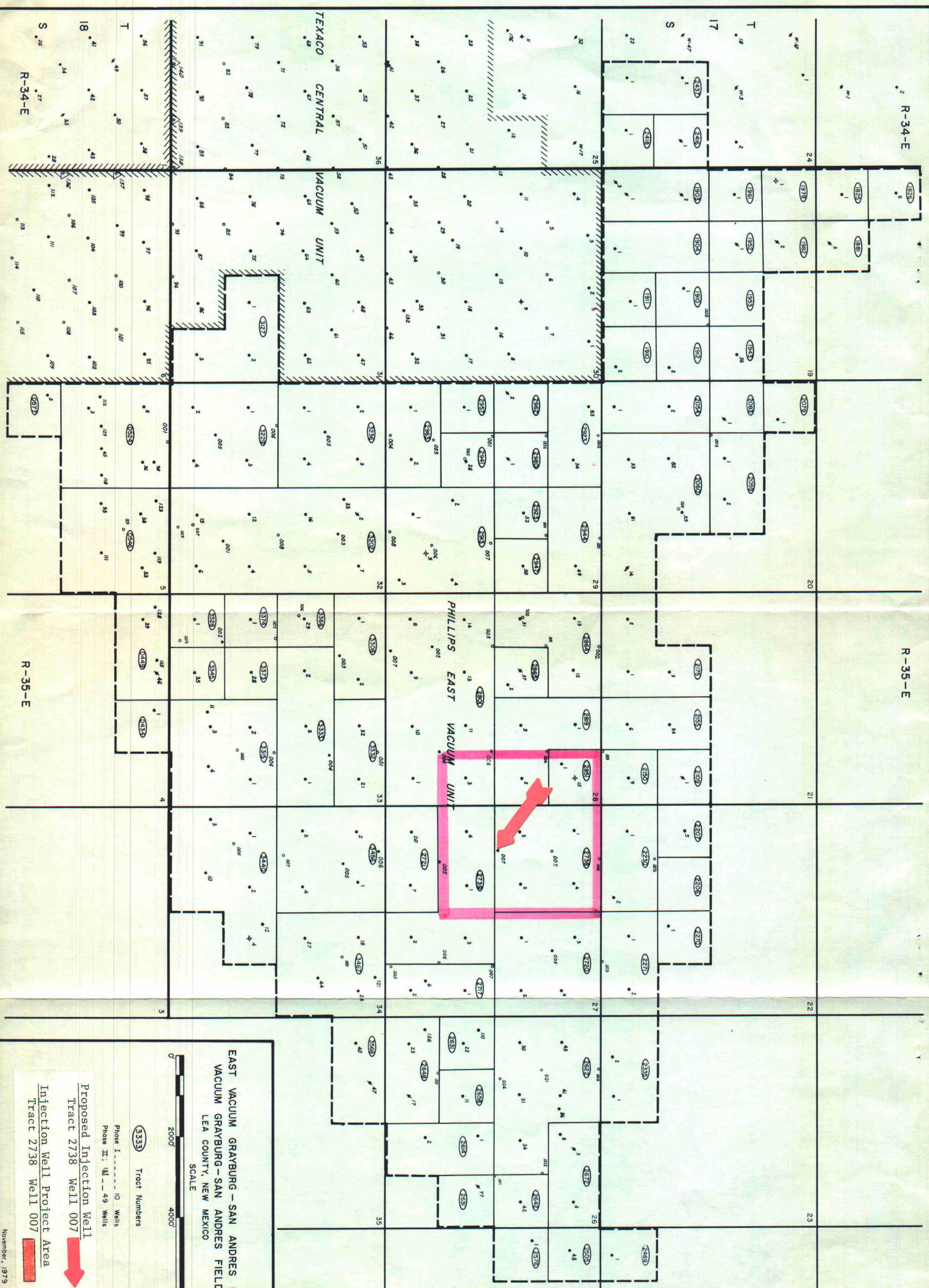
N. M. O. C. D. R- 5897

VACUUM GRAYBURG - SAN ANDRES POOL, LEA COUNTY, NEW MEXICO

TRACT 2738 WELL 007

CONVERSION TO WATER INJECTION STATUS





0

2000

4000

6000

SCALE

3333

Tract Numbers

Phase I: 10 Wells

Phase II: 14 - 49 Wells

Proposed Injection Well

Tract 2738 Well 007

Injection Well Project Area

Tract 2738 Well 007

EAST VACUUM GRAYBURG - SAN ANDRES UN

VACUUM GRAYBURG - SAN ANDRES FIELD

LEA COUNTY, NEW MEXICO