



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

May 2, 1980

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit
Tract No. 3229, Well No. 006
Vacuum Grayburg-San Andres Pool
Lea County, New Mexico

New Mexico Dept. of Energy & 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 3229, 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 L, 32, 17-S, 35-E).
2. Borehole 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 4308 to 4596 feet. Injection will be by gravity with an anticipated maximum of 500 barrels of water per day.

Your consideration and early advice will be appreciated.

Very truly yours,

T. Harold McLemore
Area Regulation and Proration Analyst

THM:rlh
Attachments

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

PHILLIPS PETROLEUM COMPANY

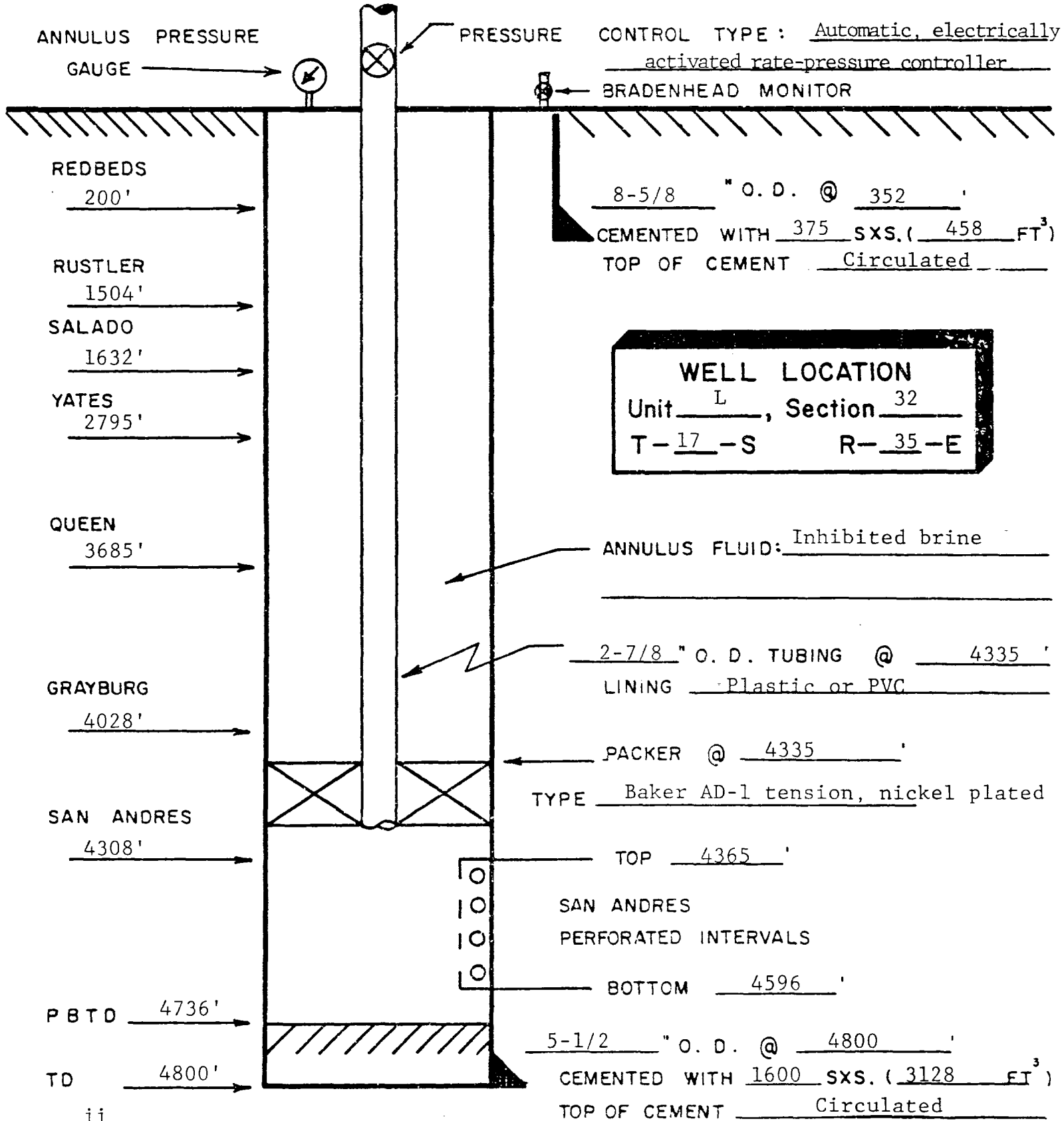
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

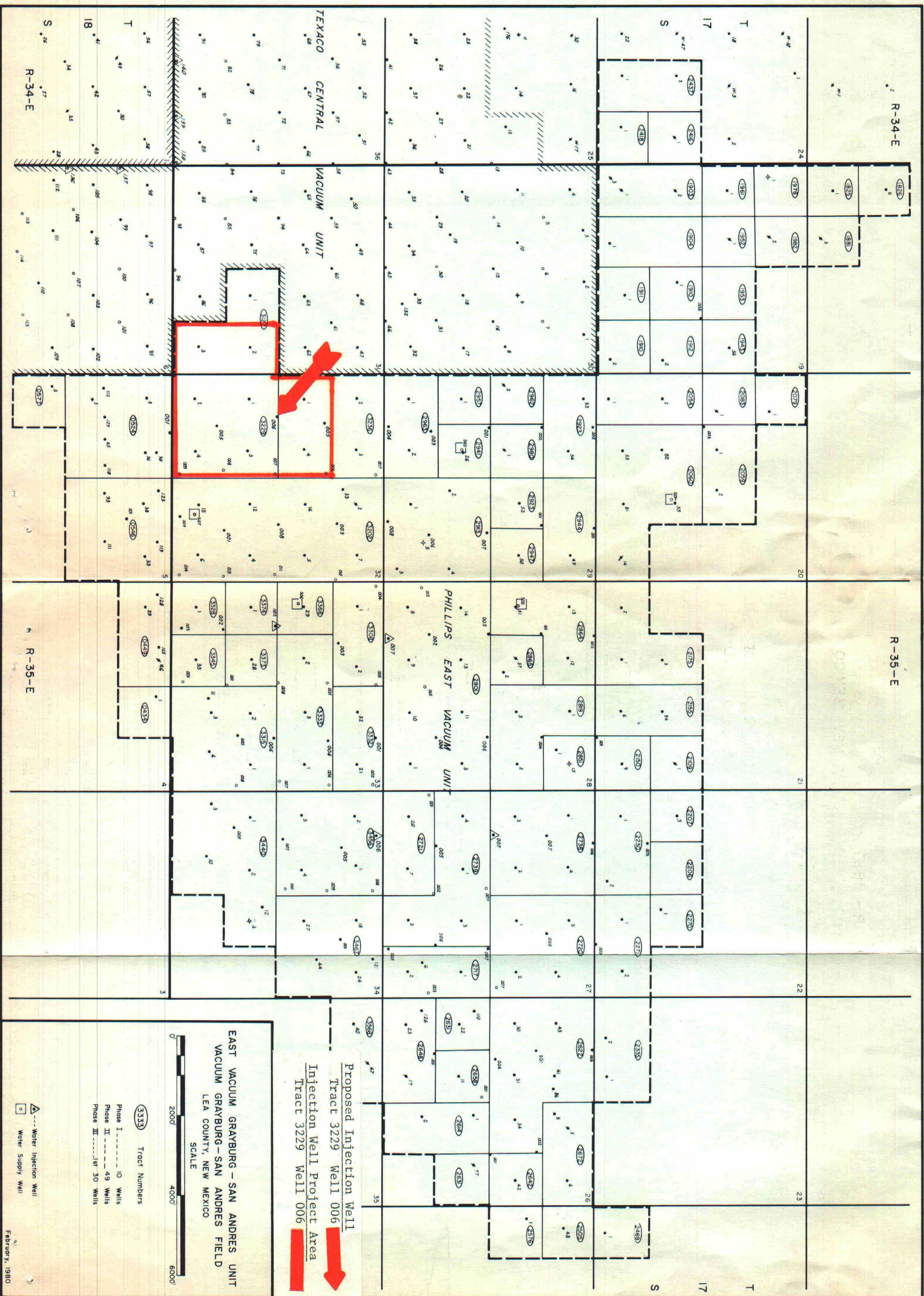
N. M. O. C. D. R-5897

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

TRACT 3229 WELL 006

CONVERSION TO WATER INJECTION STATUS





Proposed Injection Well
Tract 3229 Well 006
Injection Well Project Area
Tract 3229 Well 006

EAST VACUUM GRAYBURG - SAN ANDRES UNIT
VACUUM GRAYBURG - SAN ANDRES FIELD
LEA COUNTY, NEW MEXICO
SCALE
0 2000 4000 6000
3333 Tract Numbers
Phase I - - - - - 10 Wells
Phase II - - - - - 49 Wells
Phase III - - - - - 30 Wells

Water Injection Well
Water Supply Well



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

May 2, 1980

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit
Tract No. 2738, Well No. 006
Vacuum Grayburg-San Andres Pool
Lea County, New Mexico

New Mexico Dept. of Energy & 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 2738, 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 D, 27, 17-S, 35-E).
2. Borehole 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 4440 to 4579 feet. Injection will be by gravity with an anticipated maximum of 500 barrels of water per day.

Your consideration and early advice will be appreciated.

Very truly yours,

T. Harold McLemore
Area Regulation and Proration Analyst

THM:rlh
Attachments

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

PHILLIPS PETROLEUM COMPANY

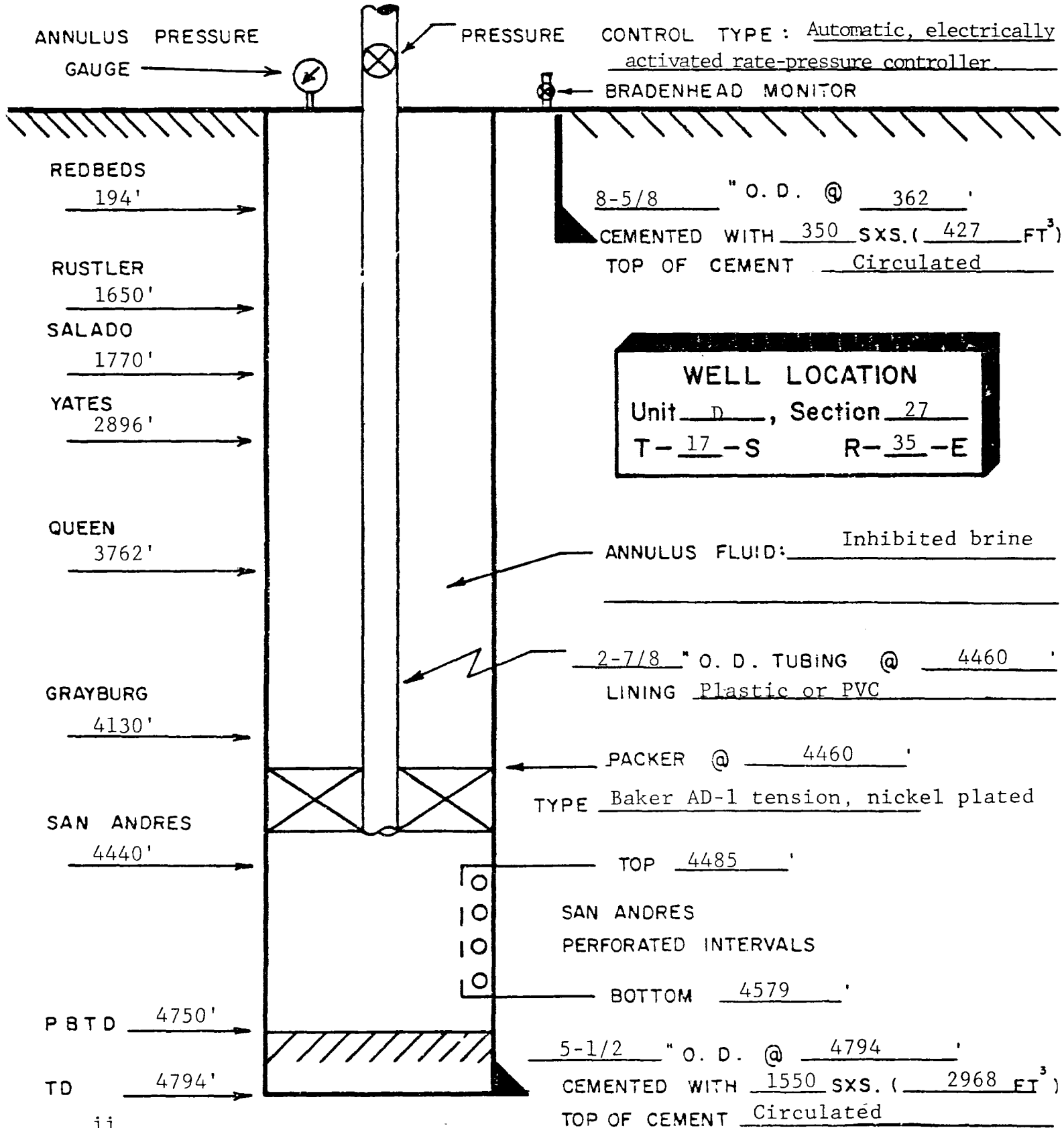
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

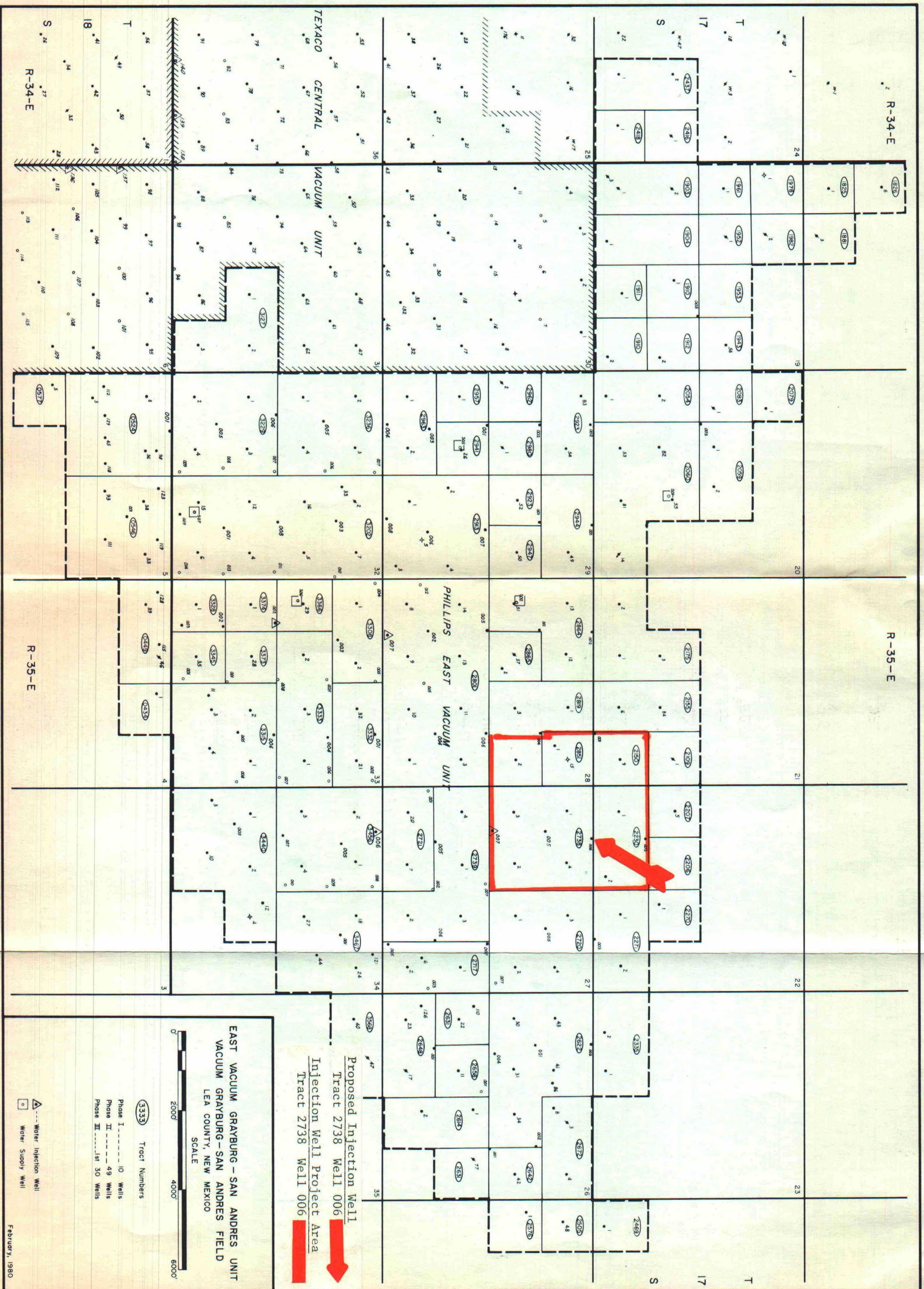
N. M. O. C. D. R-5897

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

TRACT 2738 WELL 006

CONVERSION TO WATER INJECTION STATUS





R-34-E

R-35-E

R-34-E

R-35-E

Tract Numbers

Phase I - 10 Wells
Phase II - 49 Wells
Phase III - 1st 30 Wells

Water Injection Well
Water Supply Well

EAST VACUUM GRAYBURG-SAN ANDRES UNIT
VACUUM GRAYBURG-SAN ANDRES FIELD
LEA COUNTY, NEW MEXICO
SCALE

0 2000 4000 6000

Proposed Injection Well
Tract 2738 Well 006
Injection Well Project Area
Tract 2738 Well 006



PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

May 2, 1980

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit
Tract No. 2923, Well No. 002
Vacuum Grayburg-San Andres Pool
Lea County, New Mexico

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

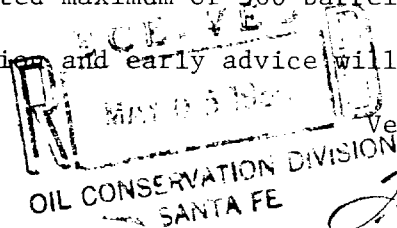
Attention: Mr. Joe D. Ramey
Division Director

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 2923, Well No. 002, 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 C, 29, 17-S, 35-E).
2. Borehole 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 4534 to 4700 feet. Injection will be by gravity with an anticipated maximum of 500 barrels of water per day.

Your consideration and early advice will be appreciated.



Very truly yours,

T. Harold McLemore
Area Regulation and Proration Analyst

THM:rlh
Attachments

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

PHILLIPS PETROLEUM COMPANY

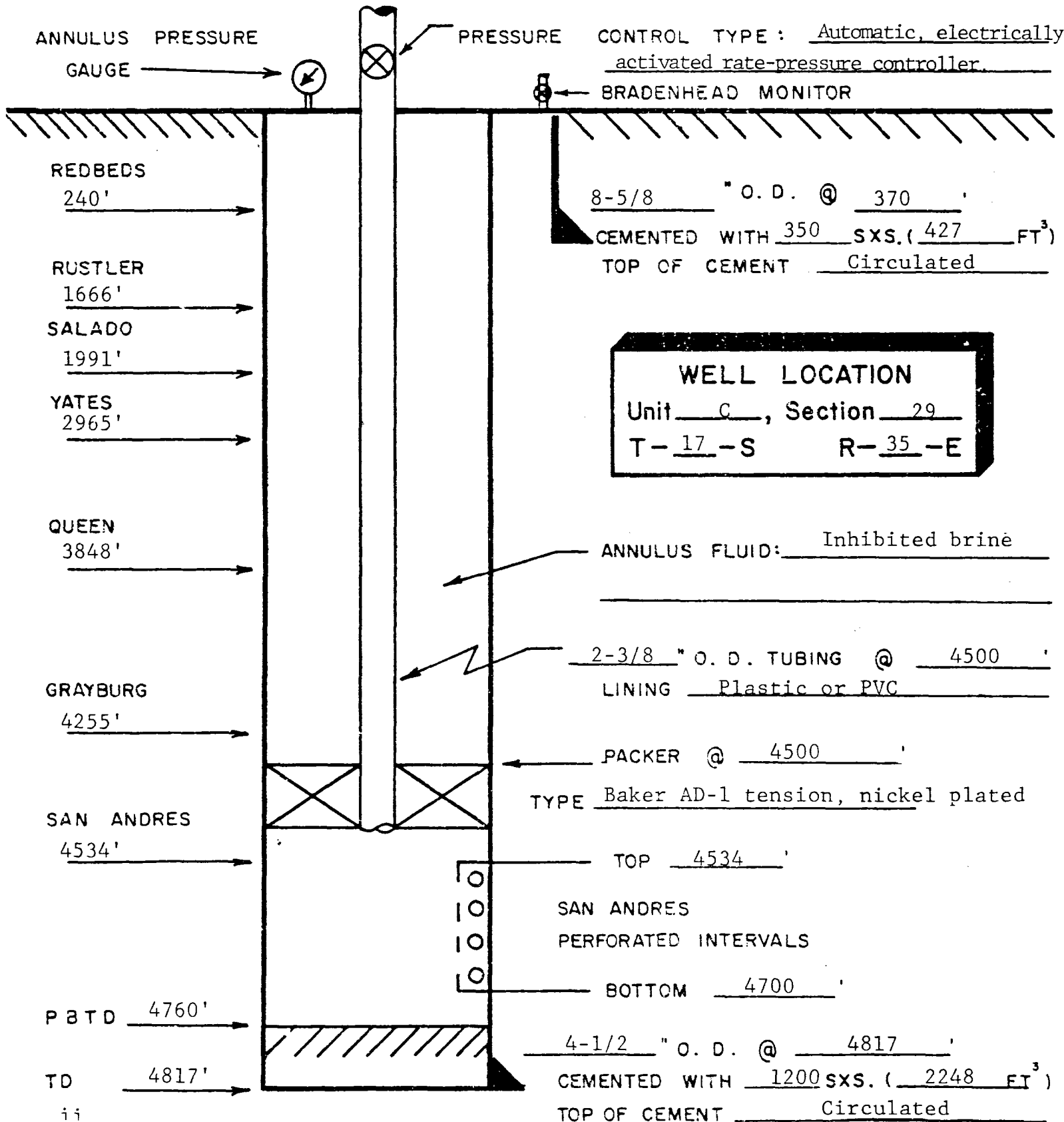
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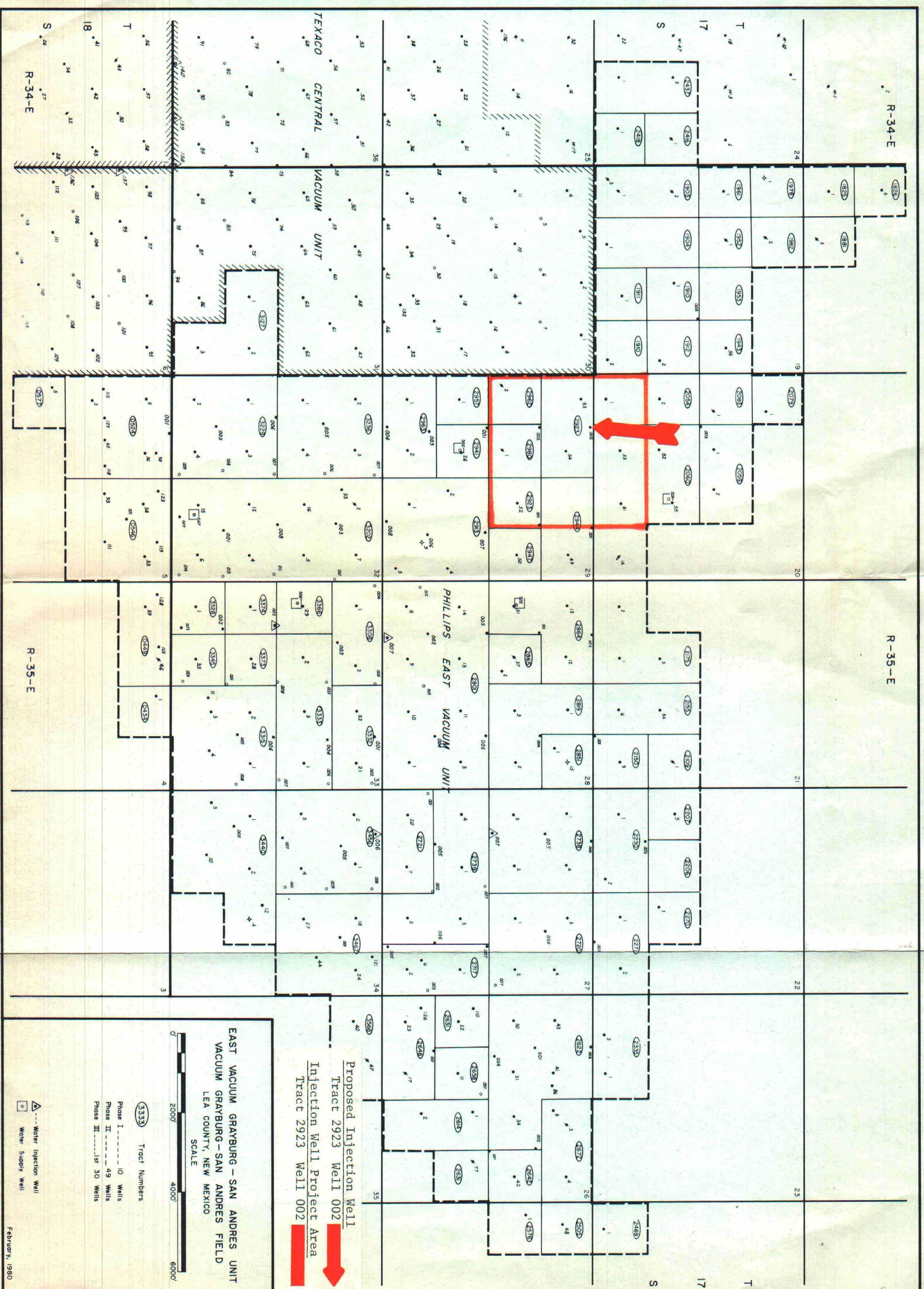
N. M. O. C. D. R-5897

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

TRACT 2923 WELL 002

CONVERSION TO WATER INJECTION STATUS







PHILLIPS PETROLEUM COMPANY

ODESSA, TEXAS 79762
4001 PENBROOK

NATURAL RESOURCES GROUP
Exploration and Production

May 2, 1980

Conversion to Water Injection Service--
East Vacuum Grayburg-San Andres Unit
Tract No. 0524, Well No. 001
Vacuum Grayburg-San Andres Pool
Lea County, New Mexico

New Mexico Dept. of Energy & 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 0524, Well No. 001, 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 C, 5, 18-S, 35-E).
2. Compensated Neutron 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 4387 to 4638 feet. Injection will be by gravity with an anticipated maximum of 500 barrels of water per day.

Your consideration and early advice will be appreciated.

Very truly yours,

T. Harold McLemore
Area Regulation and Proration Analyst

THM:rlh
Attachments

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

PHILLIPS PETROLEUM COMPANY

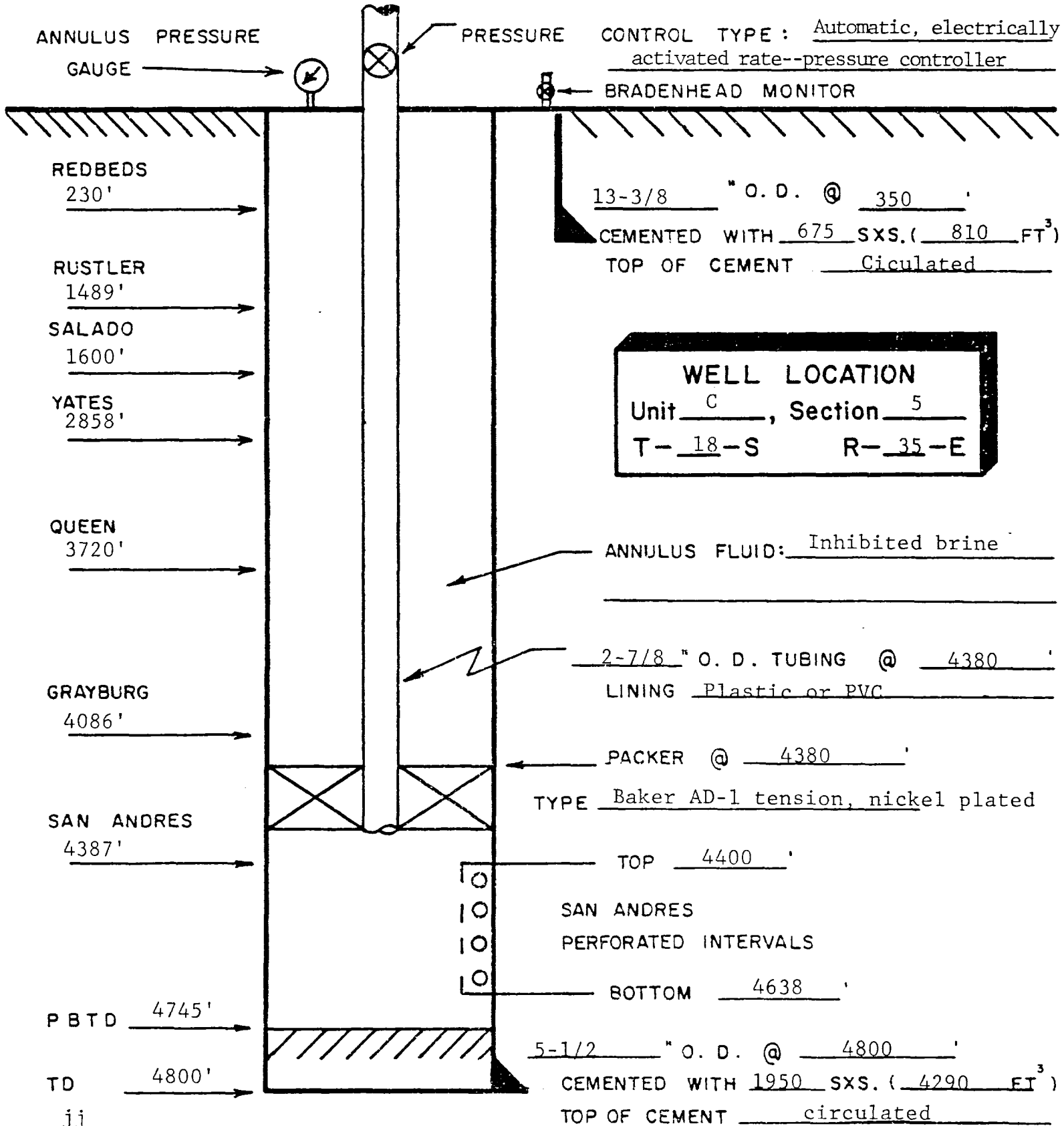
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT

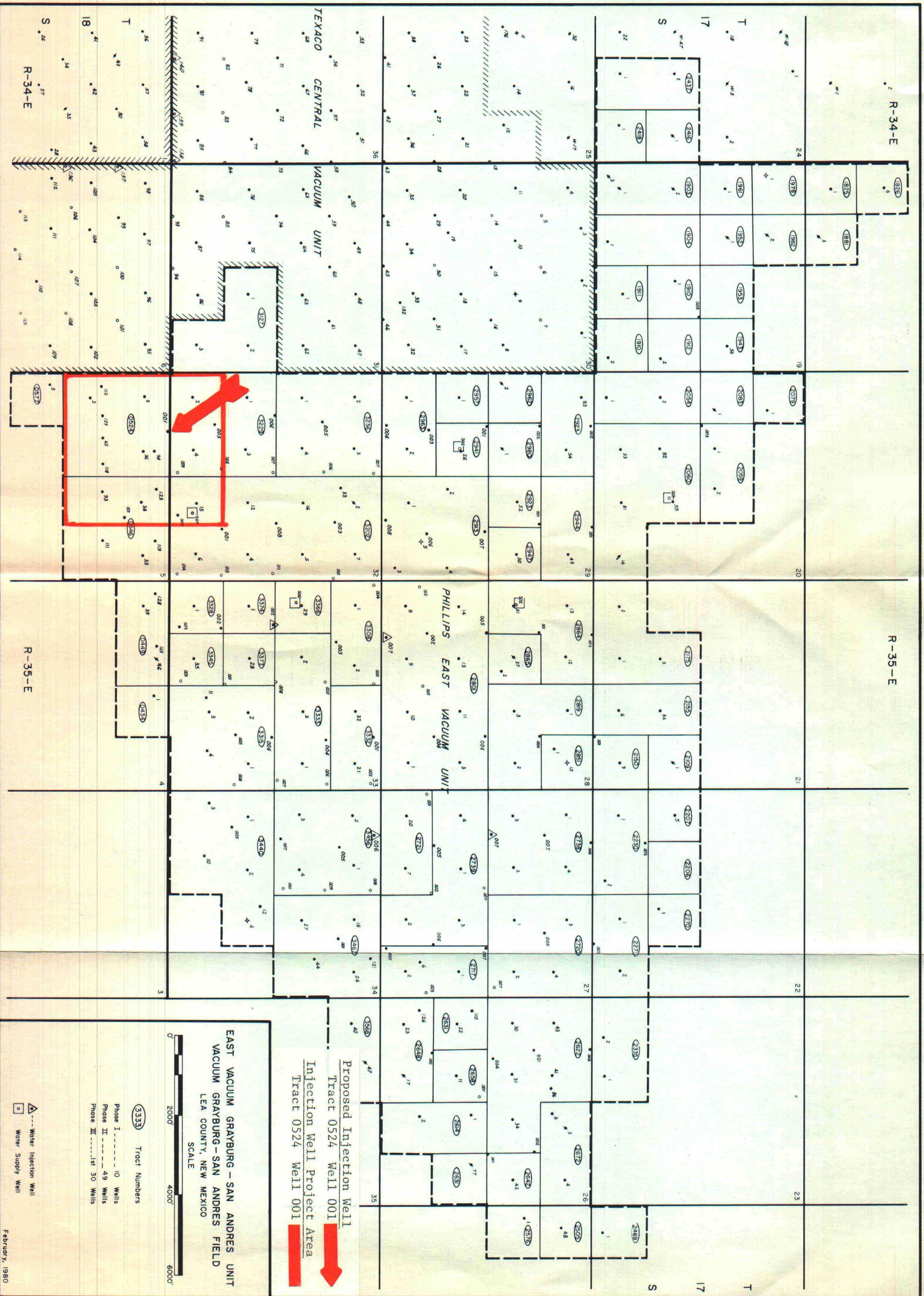
N. M. O. C. D. R-5897

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

TRACT 0524 WELL 001

CONVERSION TO WATER INJECTION STATUS



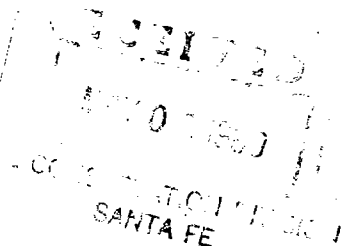


OIL CONSERVATION DIVISION
DISTRICT I

OIL CONSERVATION DIVISION
P. O. BOX 2035
SANTA FE, NEW MEXICO 87501

DATE May 2, 1980

RE: Proposed MC _____
Proposed DHC _____
Proposed KSL _____
Proposed MSP _____
Proposed SHD _____
Proposed MPX _____
Proposed PMD _____ X



Certification:

I have examined the application for the:

Phillips Petroleum Co. East Vacuum Gray., SA Unit Tr. 2622 #3-D 26-17-35
Operator Lease and Well No. Unit, S - T - R

and my recommendations are as follows:

O.K.--J.S.

Yours very truly,

/s/

OIL CONSERVATION DIVISION
DISTRICT 1

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DATE May 5, 1980

RE: Proposed MC _____
Proposed DHC _____
Proposed HSL _____
Proposed HSP _____
Proposed SHD _____
Proposed WFX _____
Proposed PMX X _____

Gentlemen:

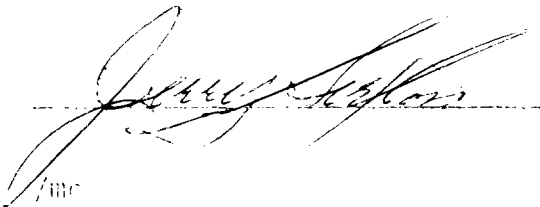
I have examined the application for the:

Phillips Pet. Co. East Vacuum Gray., SA Unit Tr. 2738 #6-D 27-17-35
Operator _____ Lease and Well No. _____ Unit, S - T - R _____

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,


/mc

OIL CONSERVATION DIVISION
DISTRICT I

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DATE May 6, 1980

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed NSP _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____ X

Gentlemen:

I have examined the application for the:

Phillips Pet. Co. East Vacuum Gray., SA Unit Tr. 0524 #1-C 5-18-35
Operator _____ Lease and Well No. _____ Unit, S - T - R _____

and my recommendations are as follows:

O.K. --- J.S.

Yours very truly,

John L. Landon

OIL CONSERVATION DIVISION
DISTRICT I

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DATE May 5, 1980

RE: Proposed MC _____
Proposed DHC _____
Proposed RSL _____
Proposed NSP _____
Proposed SMU _____
Proposed WFX _____
Proposed PMX X

Gentlemen:

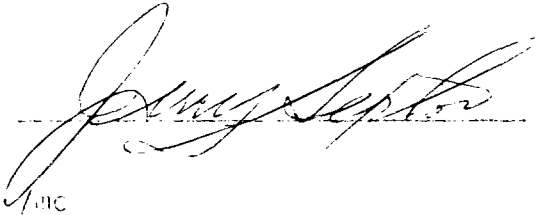
I have examined the application for the:

Phillips Pet. Co. East Vacuum Gray., SA Unit Tr. 3229 No. 6-L 32-17-35
Operator Lease and Well No. Unit, S - T - R

and my recommendations are as follows:

O.K.----J.S.

Yours very truly,


Jmc

OIL CONSERVATION DIVISION
DISTRICT 1

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DATE May 5, 1980

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed MSP _____
Proposed SMD _____
Proposed WFX _____
Proposed PMX _____ X

Gentlemen:

I have examined the application for the:

Phillips Pet. Co. East Vacuum Gray., SA Unit Tr. 2923	#2-C	29-17-35
Operator	Lease and Well No.	Unit, S - T - R

and my recommendations are as follows:

O.K. --- J.S.

SANTAE

Yours very truly,

Jerry L. H.

OIL CONSERVATION DIVISION
DISTRICT I

OIL CONSERVATION DIVISION
P. O. BOX 2038
SANTA FE, NEW MEXICO 87501

DATE May 2, 1980

RE: Proposed MC _____
Proposed LHC _____
Proposed NSL _____
Proposed NSP _____
Proposed SWS _____
Proposed WFX _____
Proposed PHX X _____

Gentlemen:

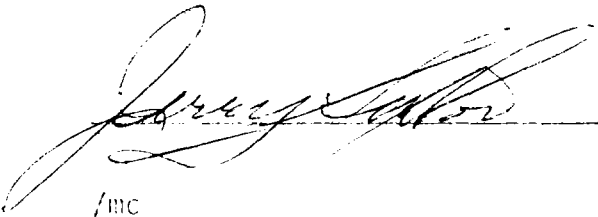
I have examined the application for the:

Phillips Pet. Co. East Vacuum Gray., SA Unit Tr. 2271 #3-0 22-17-35
Operator _____ Lease and Well No. _____ Unit, S - T - R _____

and my recommendations are as follows:

O.K.--J.S.

Yours very truly,


/mc

OIL CONSERVATION DIVISION
DISTRICT I

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

DATE May 2, 1980

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL _____
Proposed HSP _____
Proposed SMD _____
Proposed WFX _____
Proposed PMX X

RECEIVED
MAY 10 1980
OIL CONSERVATION DIVISION
SANTA FE

Gentlemen:

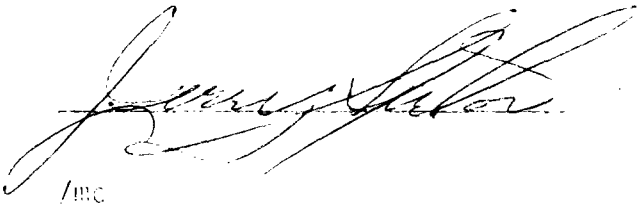
I have examined the application for the:

Phillips Petroleum Co. East Vacuum Gray., SA Unit Tr. 2941 #1-K 29-17-35
Operator Lease and Well No. Unit, S - T - R

and my recommendations are as follows:

O.K.---J.S.

Yours very truly,


/mc