

ODESSA, TEXAS 79762 4001 PENBROOK

NATURAL RESOURCES GROUP Exploration and Production

January 3, 1980

Conversion to Water Injection Service--East Vacuum Grayburg-San Andres Unit Tract No. 2963, Well No. 004 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 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 2963, Well No. 004, to water injection service. The following data is submitted in support of this request.

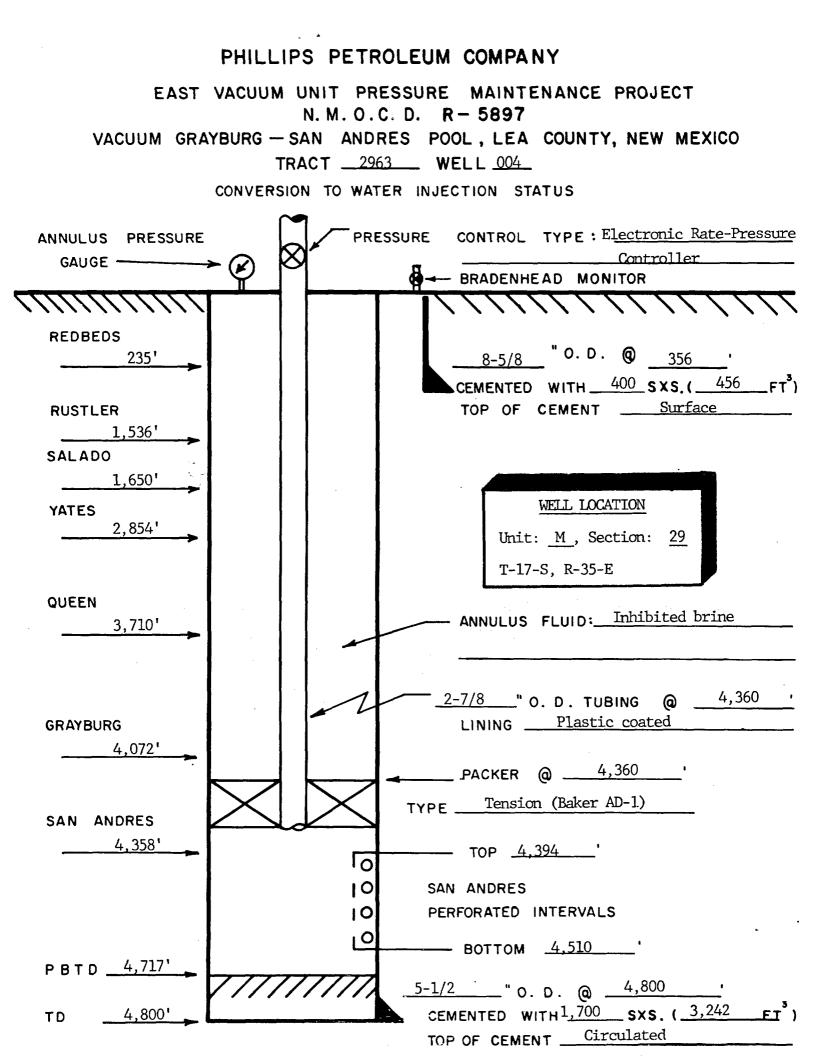
- 1. Unit plat reflecting the proposed injection well and injection well project area. (Well: Unit M, 29, 17-S, 35-E.)
- 2. Compensated Neutron-Formation Density sonic log of the injection well.
- 3. Diagramatic sketch of the proposed well, injection tubing, packer, and pressure control elements identifying 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 4364 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.

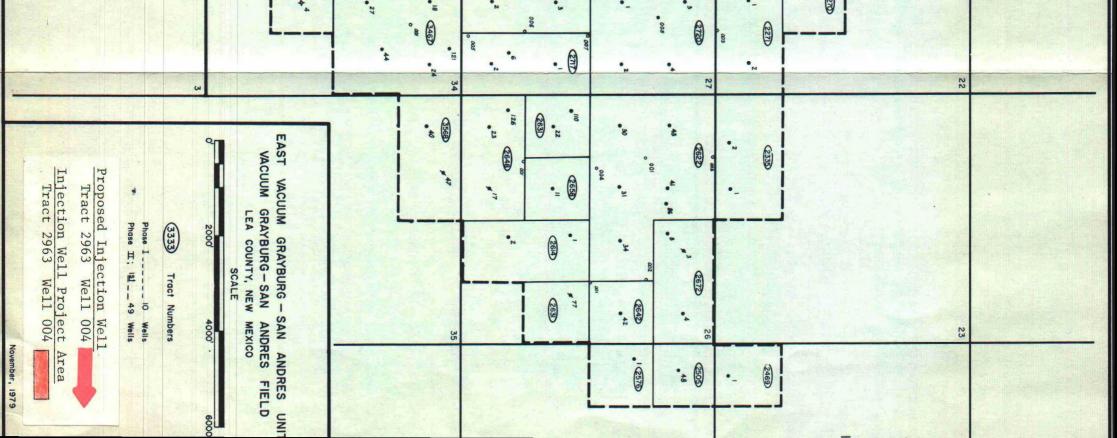
Very truly yours, F. Harold McLemore Area Regulation and Proration Analyst SINTIFE -

THM/jj Attachments

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



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ODESSA, TEXAS 79762 4001 PENBROOK

NATURAL RESOURCES GROUP Exploration and Production

January 3, 1980

Conversion to Water Injection Service--East Vacuum Grayburg-San Andres Unit Tract No. 2622, Well No. 004 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 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 2622, Well No. 004, 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 F, 26, 17-S, 35-E)
- 2. Compensated Neutron-Formation Density sonic log of the injection well.
- 3. Diagramatic 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,

1 Us

T. Harold McLemore Area Regulation and Proration Analyst

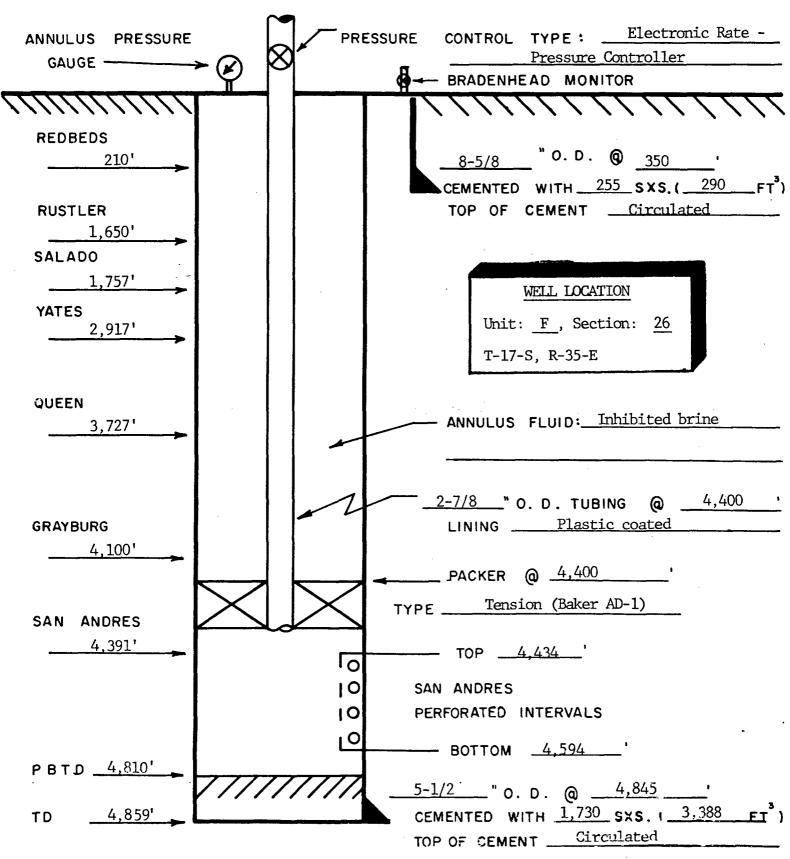
THM/jj Attachments

cc: Oil Conservation Division Hobbs, New Mexico (Attachments w/o CNFD 10g

EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT N. M. O. C. D. R-5897 VACUUM GRAYBURG - SAN ANDRES POOL, LEA COUNTY, NEW MEXICO

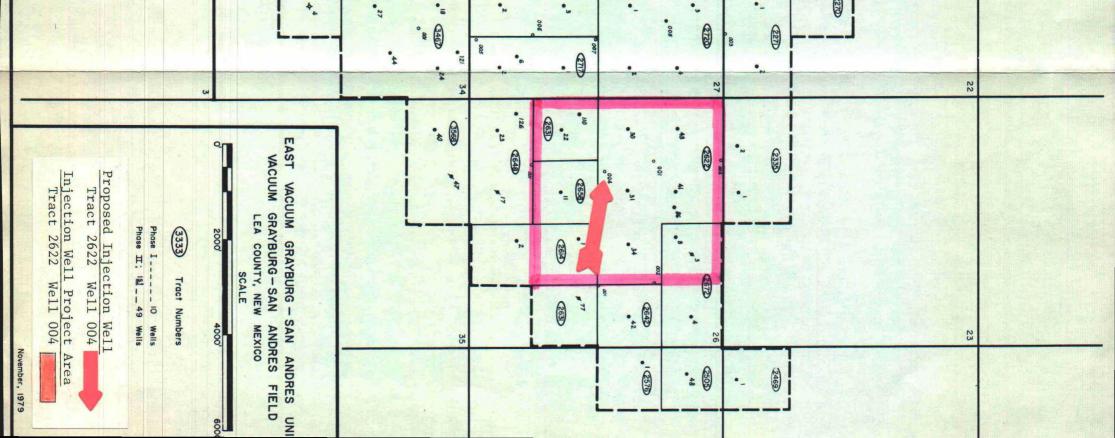
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CONVERSION TO WATER INJECTION STATUS



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ODESSA, TEXAS 79762 4001 PENBROOK

NATURAL RESOURCES GROUP Exploration and Production

January 3, 1980

Conversion to Water Injection Service--East Vacuum Grayburg-San Andres Unit Tract No. 3374, Well No. 002 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 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 3374, 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 L, 33, 17-S, 35-E.)
- 2. Compensated Neutron-Formation Density sonic log of the injection well.
- 3. Diagramatic 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.

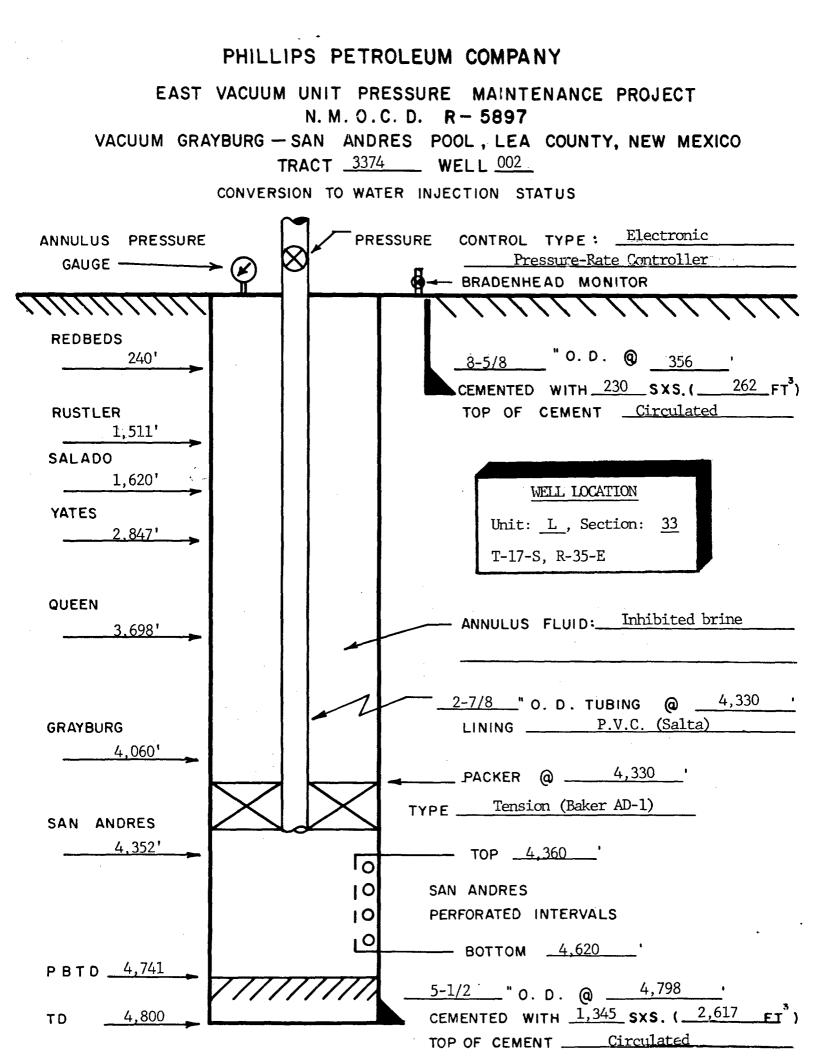
Very truly yours,

T. Harold McLemore

Area Regulation and Proration Analyst

THM/jj Attachments

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



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

DATE	January 7, 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. 3374 #2-L33-17-35OperatorLease and Well No.Unit, S - T - R

and my recommendations are as follows:

Yours very truly,

/mc

Case 42.7

OIL CONSERVATION D	IVISION	DATE	January 7, 1980
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Gentlemen:			
I have examined the	e application for the:		
Phillips Pet. Co	. East Vacuum Gray.,SA L Lease and Well	Jnit Tr.	2622 #4-F 26-17-35
Operator	Lease and Well	No.	Unit, S - T - R
and my recommendat	ions are as follows:		
0.KJ.S.			
Yours very truly,			

4/2 - 1 2 /mc

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

1

Gentlemen:

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

DATE January 7, 1980

I have examined the application for the:

Phillips Pet. Co. East Vacuum Gray., SA Unit Tr. 3202#8-G32-17-35OperatorLease and Well No.Unit, S - T - R

and my recommendations are as follows:

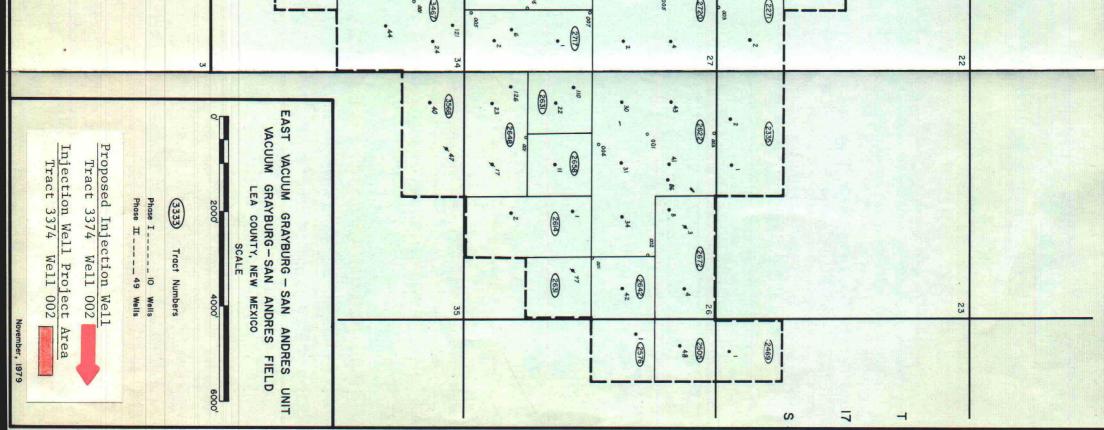
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Yours very truly,

/mc

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ODESSA, TEXAS 79762 4001 PENBROOK

NATURAL RESOURCES GROUP Exploration and Production

January 3, 1980

Conversion to Water Injection Service--East Vacuum Grayburg-San Andres Unit Tract No. 3202, Well No. 008 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 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 3202, Well No. 008, 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 G, 32, 17-S, 35-E.)
- 2. Compensated Neutron-Formation Density sonic log of the injection well.
- 3. Diagramatic 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,

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T. Harold McLemore Area Regulation and Proration Analyst

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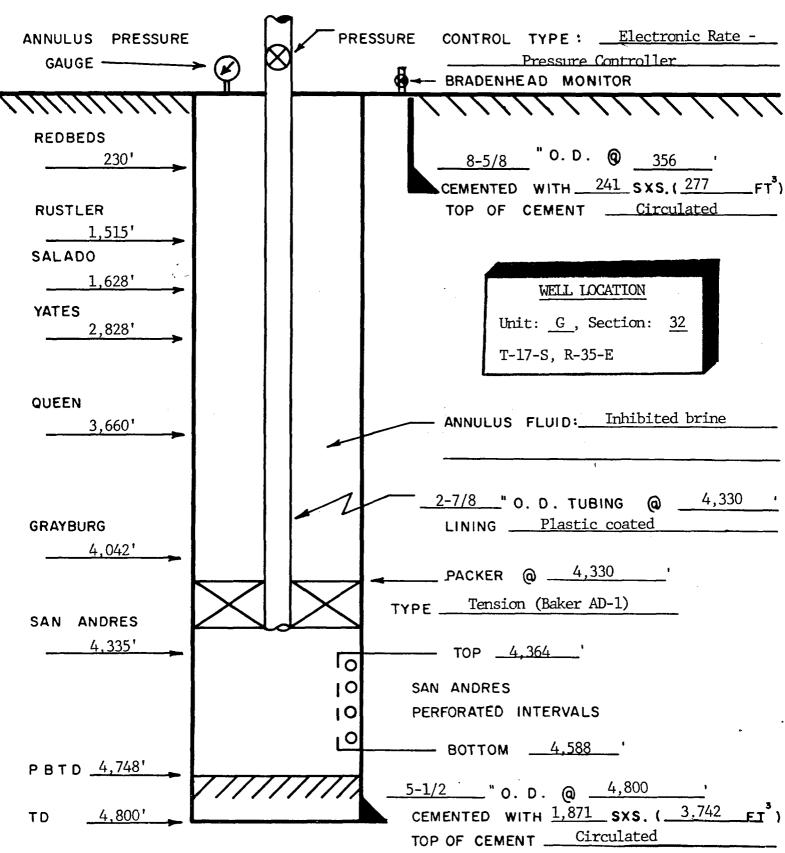
THM/jj Attachments

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

EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT N. M. O.C. D. R-5897 VACUUM GRAYBURG - SAN ANDRES POOL, LEA COUNTY, NEW MEXICO

TRACT 3202 WELL 008

CONVERSION TO WATER INJECTION STATUS



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