

ODESSA. TEXAS 79762 4001 PENBROOK

NATURAL RESOURCES GROUP Exploration and Production

September 8, 1980

Conversion to Water Injection Service--East Vacuum Grayburg-San Andres Unit, Tract No. 3456, Well No. 009, 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 3456, Well No. 009, 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, 34, 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 4446 to 4600 feet. The maximum anticipated injection pressure will be no more than 0.2 psi per foot to the top of the perforations with a maximum daily volume anticipated at 2500 barrels.

A status report on Order No. R5897, Exhibit-C wells was submitted under date of August 19, 1980.

Your consideration and vice will1 be appreciated. CONSERVATION DIVISION Very truly, Hard Pic Amore T. Harold McLemore

T. Harold McLemore Area Regulation and Proration Supervisor

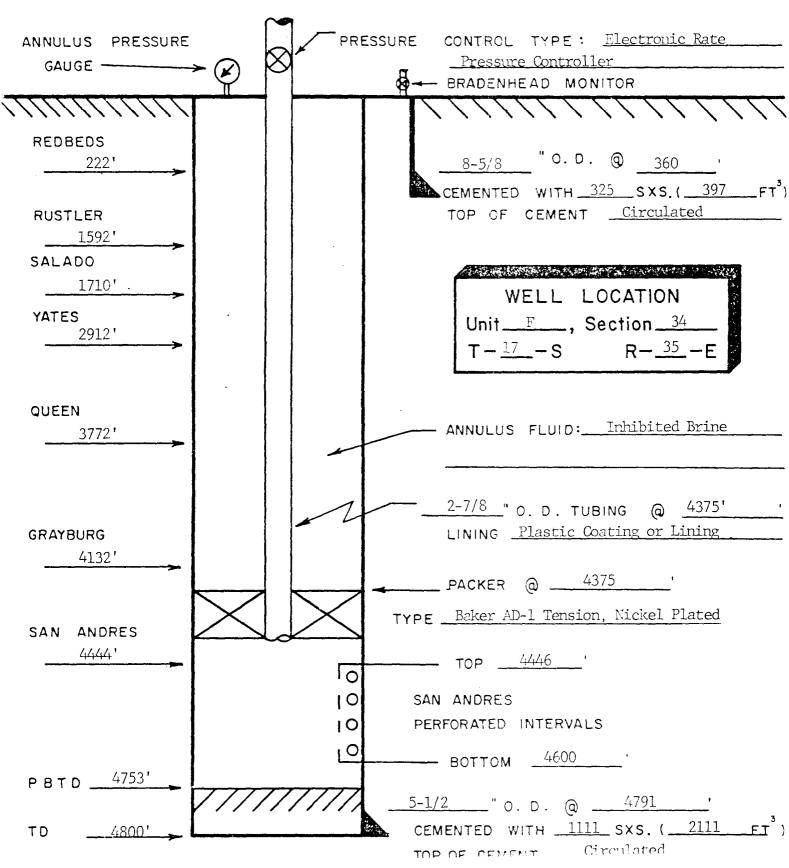
CAS:skm Attachments

cc: Oil Conservation Division
Hobbs, New Mexico (Attachments without logs)

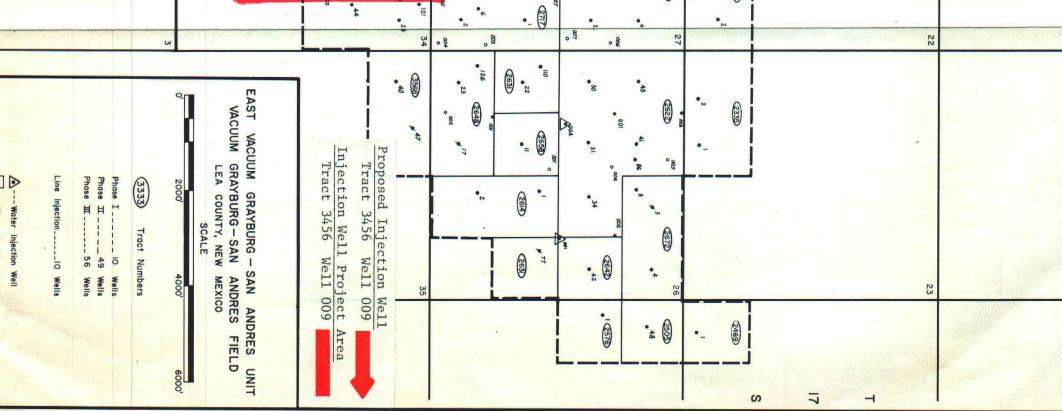


EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT N. M. O. C. D. R - 5897 VACUUM GRAYBURG - SAN ANDRES POOL, LEA COUNTY, NEW MEXICO TRACT _3456____ WELL _009_

CONVERSION TO WATER INJECTION STATUS



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ODESSA. TEXAS 79762 4001 PENBROOK

NATURAL RESOURCES GROUP Exploration and Production

September 8, 1980

Conversion to Water Injection Service--East Vacuum Grayburg-San Andres Unit, Tract No. 3202, Well No. 013, 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 3202, Well No. 013, 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 P, 32, 17-S, 35-E.)
- 2. Compensated Acoustic Velocity Gamma Caliper 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 4390 to 4650 feet. The maximum anticipated injection pressure will be no more than 0.2 psi per foot to the top of the perforations with a maximum daily volume anticipated at 2500 barrels.

A status report on Order No. R5897, Exhibit-C wells was submitted under date of August 19, 1980.

Your consideration and early advice will be appreciated.

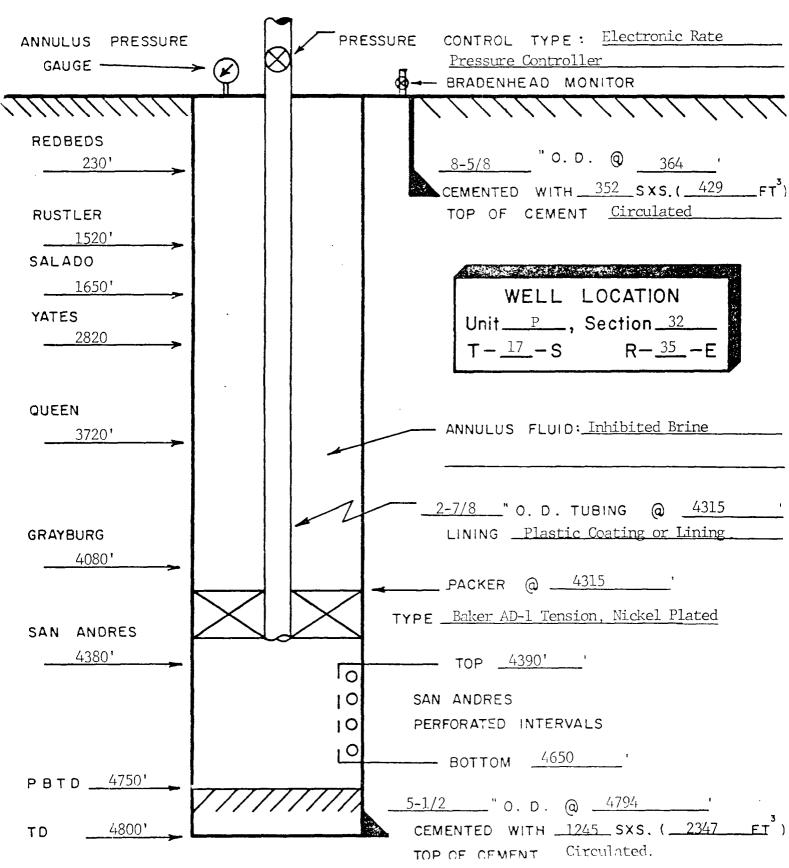


CAS:skm Attachments Yours very truly,

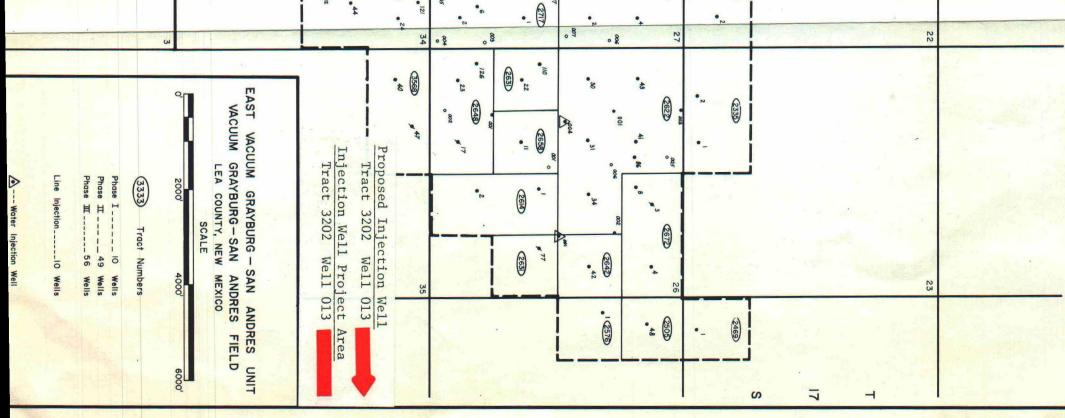
T. Harold McLemore Area Regulation and Proration Supervisor

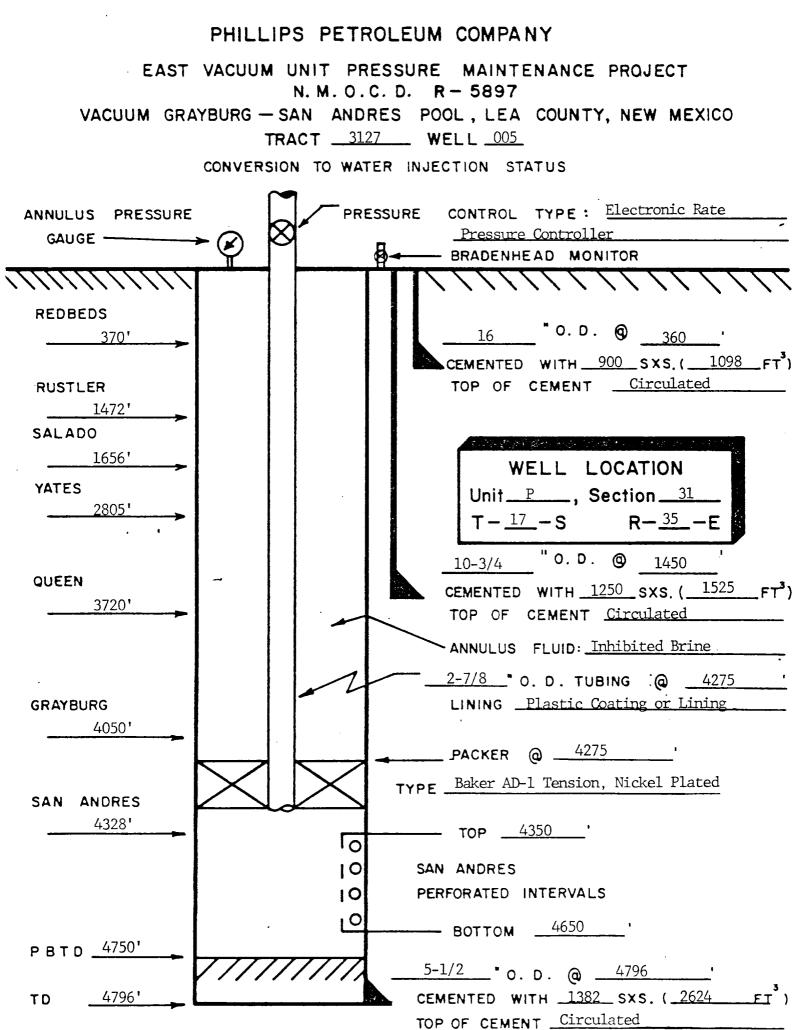
cc: Oil Conservation Division Hobbs, New Mexico (Attachments without logs)

CONVERSION TO WATER INJECTION STATUS



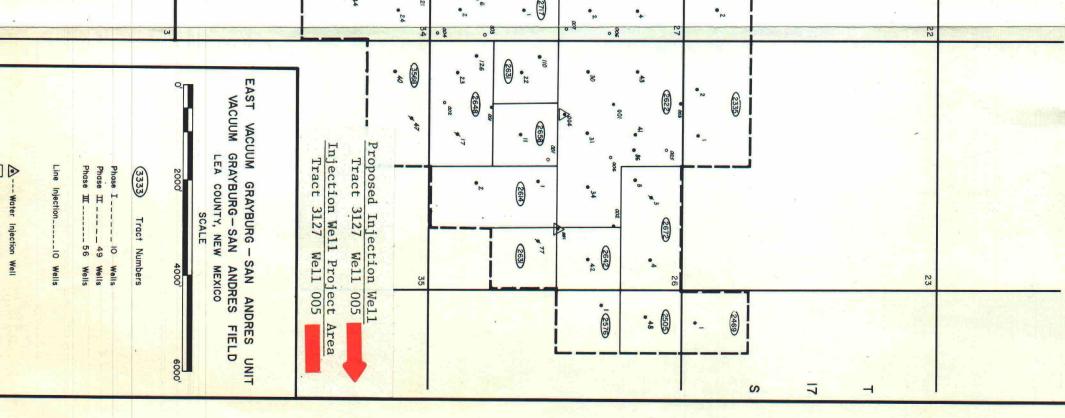
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ODESSA, TEXAS 79762 4001 PENBROOK

NATURAL RESOURCES GROUP Exploration and Production

September 9, 1980

Conversion to Water Injection Service--East Vacuum Grayburg-San Andres Unit, Tract No. 3236, 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 3236, 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 F, 32, 17-S, 35-E.)
- 2. Compensated Acoustic Velocity Gamma Caliper 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 4383 to 4660 feet. The maximum anticipated injection pressure will be no more than 0.2 psi per foot to the top of the perforations with a maximum daily volume anticipated at 2500 barrels.

A status report on Order No. R5897, Exhibit-C wells was submitted under date of August 19, 1980.

Your consideration and early advice will be appreciated.



Yours very truly. X JL

T. Harold McLemore Area Regulation and Proration Supervisor

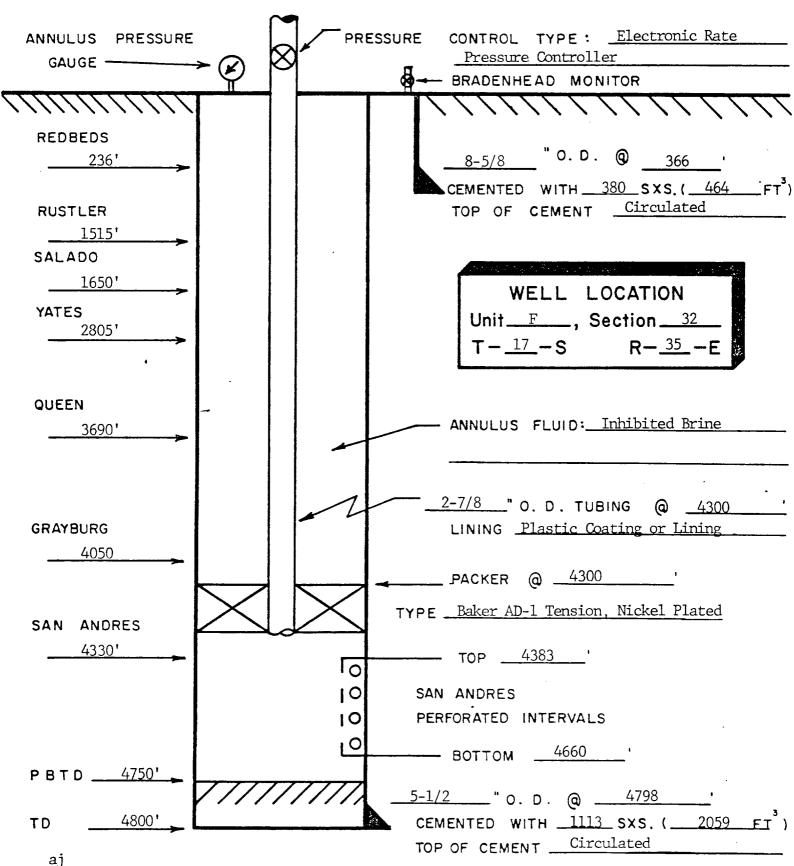
CAS:skm Attachments

cc: Oil Conservation Division Hobbs, New Mexico (Attachments without logs)

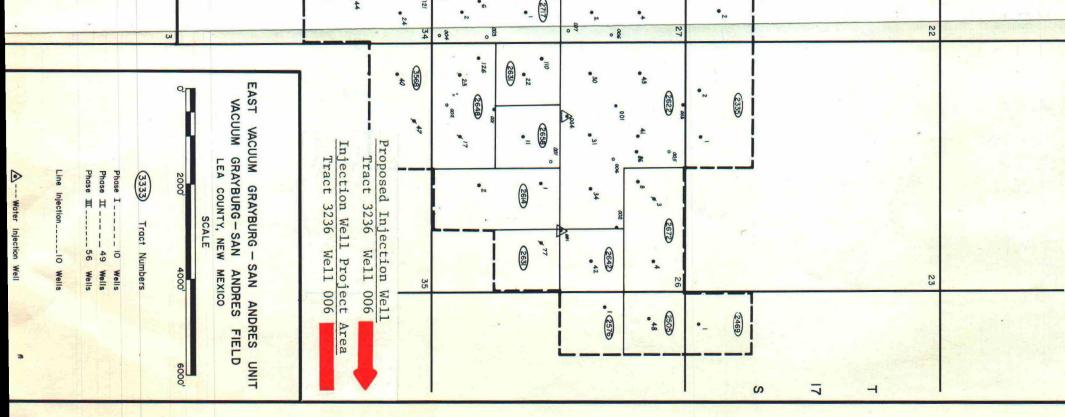
EAST VACUUM UNIT PRESSURE MAINTENANCE PROJECT N.M.O.C.D. R-5897 VACUUM GRAYBURG - SAN ANDRES POOL, LEA COUNTY, NEW MEXICO

TRACT _______ WELL 006____

CONVERSION TO WATER INJECTION STATUS



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ODESSA, TEXAS 79762 4001 PENBROOK

NATURAL RESOURCES GROUP Exploration and Production

September 9, 1980

Waiver of Objection for Conversion to Water Injection--East Vacuum Grayburg-San Andres Unit, Tract 3127, Well No. 005, Lea County, New Mexico

Texaco, Inc. Box 728 Hobbs, New Mexico 88240

Attention: Mr. John V. Gannon District Superintendent

Gentlemen:

We respectfully request your waiver of objections for one cooperative line injection well to be equipped for injection service per attached schematic. East Vacuum Grayburg-San Andres Unit, Tract 3127, Well No. 005, is located (Unit P)[°]10' FSL and 10' FEL, Section 31, T-17-S, R-35-E, Lea County, New Mexico. A plat is attached showing the location of this well. This is an unorthodox location as approved by Administrative Order No. NSL 1208.

For your convenience, we are attaching three copies of a waiver for your execution. Please forward one executed copy direct to the Oil Conservation Division, Santa Fe, New Mexico, furnish this office with one executed copy, and retain one copy for your file.

Your early consideration and reply will be appreciated. If questions arise, please contact Mike Brownlee--telephone Odessa, (915) 367-1413.

Very truly yours,

Hull Mi lenne

T. Harold McLemore Area Regulation and Proration Supervisor

CAS:skm Attachments

cc: Oil Conservation Division Santa Fe, New Mexico 🚗

OIL CONSURVATION DIVISION SANTA FE

WAIVER OF OBJECTIONS

Phillips Petroleum Company Conversion to Water Injection Service--East Vacuum Grayburg-San Andres Unit, Tract 3127, Well No. 005, Lea County, New Mexico

Texaco, Inc., as an offset operator, hereby waives any and all objections to the proposal of Phillips Petroleum Company for one cooperative line injection well to be equipped for injection service on their East Vacuum Grayburg-San Andres Unit, Tract 3127, Well No. 005, located (Unit P) 10' FSL and 10' FEL, Section 31, T-17-S, R-35-E, Lea County, New Mexico.

Company:	
By:	
Title:	
Date:	

CAS:skm