

WARREN Y. PICKERING  
PETROLEUM GEOLOGIST  
FIRST NATIONAL BUILDING  
OKLAHOMA CITY, OKLAHOMA

February 3, 1961

New Mexico Oil Conservation Commission  
P. O. Box 1079  
Santa Fe, New Mexico

Re: Application to Complete Salt Water  
Disposal Well, Max Pray No. 1, R. R.  
Craig, Lea County, New Mexico

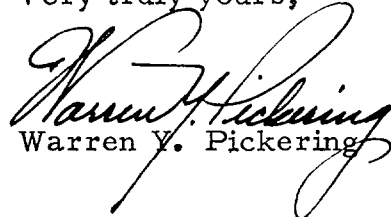
Gentlemen:

Pursuant to your requirements please find attached three (3) copies of the subject application for your review and approval.

We have not obtained formal waivers from offset operators and the surface owner at this writing. However, our intentions to attempt to complete this well for salt water disposal have been discussed by telephone with all parties concerned. No objection to this program has been expressed and negotiations to obtain a surface lease surrounding the well bore are preceding at this time.

Please feel free to contact the writer at the above address if additional information is required relative to this application.

Very truly yours,

  
Warren Y. Pickering

WYP:tlm

Attachments

cc: Mr. Max Pray

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

## APPLICATION

TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION  
NOT PRODUCTIVE OF OIL OR GASOperator Max Pray Address 300 Palmolive Bldg., Chicago 11, IllinoisLease Rufus R. Craig Well No. 1 County Lea County, New MexicoUnit F Section 27 Township 12 South Range 37 East

This is an application to dispose of salt water produced from the following pool(s):

Wolfcamp and DevonianName of Injection Formation(s): San AndresTop of injection zone: 4460 Bottom of injection zone: 4900

Give operator, lease, well no., and location of any other well in this area using this same

zone for disposal purposes: No San Andres disposal wells completed in the immediate area.

## CASING PROGRAM

	Diameter	Setting Depth	Sacks Cement	Top of Cement
Surface	13-3/8	342'	300 sacks	Surface
Intermediate	8-5/8	4480'	645 sacks	2030' calculated
Long String				

Will injection be through tubing, casing, or annulus? tubingSize tubing: 2-3/8 Setting depth: 4465 Packer set at: 4460Name and Model No. of packer: Baker RetrievableWill injection be through perforations or open hole? Open HoleProposed interval(s) of injection: 4772-4672 and 4682-4538Well was originally drilled for what purpose? Production in DevonianHas well ever been perforated in any zone other than the proposed injection zone? No

List all such perforated intervals and sacks of cement used to seal off or squeeze each:

Give depth of bottom of next higher zone which produces oil or gas: NoneGive depth of top of next lower zone which produces oil or gas: NoneGive depth of bottom of deepest fresh water zone in area: 60'Expected volume of salt water to be injected daily (barrels): Approximately 1000 bbls.Will injection be by gravity or pump pressure? Unknown Estimated pressure: Is system open or close type? Closed Is filtration or chemical treatment necessary? No

Is the water to be disposed of mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? Yes

Is any water occurring naturally within the proposed disposal formation mineralized to such a degree as to be unfit for domestic, stock, irrigation, and/or other general use? Yes

List all offset operators to the lease on which this well is located and their mailing address

Monterey Oil Co., Attn: Mr. A. J. Manulik, 600 Wilco Bldg., Midland, Texas

Kern County Land Co., Attn: Mr. Donald G. Cook, 102 V & J Tower, Midland, Texas

Midwest Oil Corp., Attn: Mr. Don J. Gaither, 1500 Wilco Bldg., Midland, Texas

Cities Service Oil Co., Attn: Mr. C. V. Mahaffey, P. O. Box 868, Roswell, New Mexico

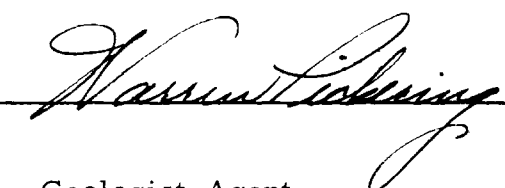
Skelly Oil Co., Attn: Mr. George W. Selinger, Tulsa, Oklahoma

Name and address of surface owner Prentice H. Harris, P. O. Box 56, Bronco, Texas

Have copies of this application been sent by registered mail or given to all offset operators, surface owners, and to the New Mexico State Engineer? Yes

Is a complete electrical log of this well attached? Yes

Operator: Max Pray

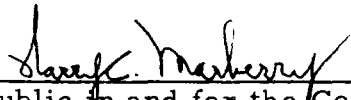
By: 

Title: Geologist-Agent

STATE OF Oklahoma )  
 ) ss.  
County of Oklahoma )

BEFORE ME, The undersigned authority, on this day personally appeared Warren Pickering known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein and that said report is true and correct.

SUBSCRIBED AND SWORN TO before me this the 3rd day of February, 1961.

  
Notary Public in and for the County of Oklahoma

August 15, 1963  
My Commission Expires

NOTE: Should waivers from all offset operators, the surface owner, and the State Engineer not accompany an application, the New Mexico Oil Conservation Commission will hold the application for a period of fifteen (15) days from date of receipt by the Commission's Santa Fe office. If at the end of said fifteen-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.



WARREN Y. PICKERING  
PETROLEUM GEOLOGIST  
FIRST NATIONAL BUILDING  
OKLAHOMA CITY, OKLAHOMA

March 6, 1961

REGISTERED MAIL

New Mexico State Engineer's Office  
P. O. Box 1079  
Santa Fe, New Mexico

Attention: Mr. Frank E. Irby

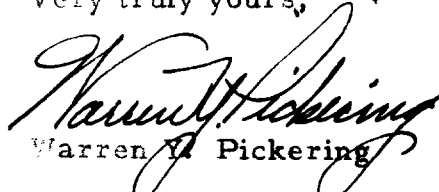
Re: Application to Complete Salt Water  
Disposal Well  
Max Pray #1 R. R. Craig  
Lea County, New Mexico

Dear Mr. Irby:

Enclosed for your information and files you will find a photostatic copy of the subject application and a required Well Location Plat both of which have been filed with the State Oil Conservation Commission for approval.

This application has been delayed in reaching you because it was originally sent to Mr. J. E. Kapteina, Engineer, in care of your office address. We are sorry for this delay.

Very truly yours,

  
Warren Y. Pickering

WYP:tlm

Enclosures

cc: Mr. J. E. Kapteina, Engineer ✓  
Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Mr. Max Pray

200 Palmetto Building



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

March 8, 1961

S. E. REYNOLDS  
STATE ENGINEER

ADDRESS CORRESPONDENCE TO:  
P. O. BOX 1079  
SANTA FE, N. M.

Mr. A. L. Porter, Jr.  
Secretary-Director  
Oil Conservation Commission  
Santa Fe, New Mexico

Dear Mr. Porter:

Reference is made to the application of Max Pray #1 R. R. Craig dated March 6, 1961, which seeks administrative approval to complete salt water disposal well, Unit F, Section 27, Township 12 South, Range 37 East, Lea County, New Mexico.

Since injection is to be into the San Andres formation through 2 3/8" tubing set at 4465 with a packer at 4460 feet which is well below the top of the cement outside the 8 5/8" casing, it appears that there will be no threat of contamination to the fresh waters which may exist in the area. Therefore, this office offers no objection to the granting of this application.

Yours truly,

S. E. Reynolds  
State Engineer

By:

*Frank E. Irby*  
Frank E. Irby  
Chief  
Water Rights Division

ma  
cc-Mr. Max Pray  
Mr. Warren Y. Pickering  
Mr. F. H. Hennighausen

WARREN Y. PICKERING  
PETROLEUM GEOLOGIST  
FIRST NATIONAL BUILDING  
OKLAHOMA CITY, OKLAHOMA

February 15, 1961

Mr. J. E. Kapteina, Engineer  
State of New Mexico Oil Conservation Commission  
P. O. Box 871  
Santa Fe, New Mexico

Dear Mr. Kapteina:

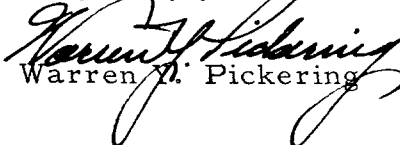
In reply to your letter of February 9, 1961 regarding our application to complete Salt Water Disposal Well, Max Pray No. 1, R. R. Craig, Lea County, New Mexico, please find enclosed a plat showing the following:

1. The location of the proposed injection well (SE NW, Section 27, T12S - R37E).
2. The location of all other wells within an area prescribed by a circle with a radius of two miles from the proposed injection well.
3. The location of all wells that have produced or, are producing from the Wolfcamp or Devonian formations in this area.
4. The base map used has been purchased from the Southwest Mapping Company of Fort Worth, Texas, and will show all current land ownership within the area adjacent to the proposed well.

Also, enclosed you will find an electric log of the proposed injection well for your review and files.

Please feel free to contact the writer if there are additional data that you will need before making a decision on this application.

Very truly yours,

  
Warren Y. Pickering

WYP:tlm

Enclosure

cc: Mr. Max Pray  
Mr. Jack M. Campbell

LARGE FORMAT  
EXHIBIT HAS  
BEEN REMOVED  
AND IS LOCATED  
IN THE NEXT FILE