



CONTINENTAL OIL COMPANY

825 PETROLEUM BUILDING
ROSWELL, NEW MEXICO

WM. A. MEAD
DIVISION SUPERINTENDENT
OF PRODUCTION
NEW MEXICO DIVISION

New Mexico Oil Conservation Commission
P. O. Box 371
Santa Fe, New Mexico

attention: Mr. A. L. Porter - Secretary-Treasurer

Re: Continental Oil Company's
Application for Authority
To Dispose of Salt Water
Produced from Ness Pool
(Pennsylvanian Formation)
into the Warren McKee Well
No. 24 (San Andres Formation)
Section 29, T.20N, R. 38E,
Lea County, New Mexico

Gentlemen:

Continental Oil Company respectfully requests administrative approval under the provisions of Rule 701C of the Statewide Rules, to dispose of the salt water produced from the Pennsylvanian formation of the Ness Pool into the San Andres formation of the Warren Unit McKee Well No. 24.

In accordance with Rule 701C, we are attaching three copies of the Commission form entitled "Application to Dispose of Salt Water by Injection into a Porous Formation not Productive of Oil or Gas" together with a plat showing the location of the proposed injection well and the location of all other wells within a radius of two miles from the said proposed injection well and the formations from which said wells are producing or have produced. The copy of the well electric log

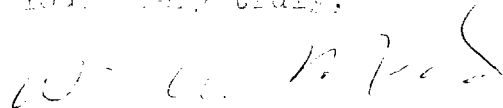
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is also attached.

We have also posted by registered mail, this date, copies of this application to all offset operators listed on the above form with a copy to the surface owner and the Office of the State Engineer in Santa Fe, New Mexico.

If additional information is required please contact Continental Oil Company's Division Office in Roswell, New Mexico.

Yours very truly,



WAM-4D

CC: HLJ HGD VGM File

Office of State Engineer
Capitol Building
Santa Fe, New Mexico

Mr. E. C. Hill
Eunice, New Mexico

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Revised 9 16 58

APPLICATION
TO DISPOSE OF SALT WATER BY INJECTION INTO A POROUS FORMATION
NOT PRODUCTIVE OF OIL OR GAS

Operator Continental Oil Company Address Box 427, Hobbs, New Mexico
Lease Warren Unit McKee Well No. 24 County Lea
Unit 0 Section 29 Township 20S Range 38E

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

Cass Pool

Name of Injection Formation(s) San Andres

Top of injection zone 4500' Bottom of injection zone 4760'

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

zone for disposal purposes Rice Engineering and Operating Inc., SWD M-5 SE/4 SW/4 Sec.

5-20-37; SWD M-9 SW/4 SW/4 Sec. 9-20-37; SWD H-20 SE/4 NE/4 Sec. 20-20-37

CASING PROGRAM

| | Diameter | Setting Depth | Sacks Cement | Top of Cement |
|-----------------------|----------|---------------|--------------|----------------------|
| Surface | 10 3/4" | 242' | 250 | Surface (circulated) |
| Intermediate | 7 5/8" | 3999' | 2300 | 1650 |
| Liner | | | | |
| Log String | 5 1/2" | 3900'-4500' | 200 | 3900 |

Will injection be through tubing, casing, or annulus? Tubing

Size tubing 3" Setting depth 4400' Packer set at 4400'

Name and Model No of packer Guiberson 5 1/2" x 2 1/2" Shorty Tension Packer

Will injection be through perforations or open hole? open hole

Proposed interval(s) of injection 4500'-4760'

Well was originally drilled for what purpose? To develop Warren McKee Pool oil reserves.

This well was drilled off location by mistake and has never been completed as a producing well.

Has 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
Cement plugs set as follows: 5350-5450 w/35 sx.; 5700-5800 w/35 sx.; 6370-6470 w/35 sx.;
6660-6760 w/35 sx.; 6940-7040 w/35 sx.; 7600-7700 w/40 sx.; 7750-7850 w/35 sx.; 8950-9050 w/35sx.

Give depth of bottom of next higher zone which produces oil or gas 4103 - Grayburg

Give depth of top of next lower zone which produces oil or gas 5909 - Blinbry

Give depth of bottom of deepest fresh water zone in area 1415

Expected volume of salt water to be injected daily (barrels) 3400

Will injection be by gravity or pump pressure? gravity Estimated pressure:

Is system open or close type? close Is filtration or chemical treatment necessary? no

CC: NMOCC (3) HLJ HGD VGM JWK STATE ENGR. OFFICE OFFSET OPERATORS (3) E. C. HILL FILE

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

Gulf Oil Corporation, Box 2167, Hobbs, New Mexico

Shell Oil Company, Box 845, Roswell, New Mexico

Humble Oil & Refg. Co., Mr. R. S. Dewcy, Box 1600, Midland, Texas

Name and address of surface owner E. C. Hill, Eunice, New Mexico

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: Continental Oil Company

By: W. C. Meier

Title: Division Superintendent

STATE OF New Mexico

ss.

County of Chavez

BEFORE ME, The undersigned authority, on this day personally appeared W. C. Meier 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 29th day of April, 1960.

Louis B. Houston
Notary Public in and for the County of Chavez

May 25, 1964
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.



STATE OF NEW MEXICO

STATE ENGINEER OFFICE

SANTA FE

S. E. REYNOLDS
STATE ENGINEER

May 10, 1960

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 Continental Oil Company seeking administrative authority to dispose of salt water produced from the Cass Pool into the Warren McKee well No. 24 (San Andres formation) in Section 29, Township 20 South, Range 38 East.

After reviewing the construction program, including the casing quality and the cementing program, I have concluded that disposal through this well will not constitute a threat of contamination to the fresh waters which may be encountered 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

FEI/ma

cc-Continental Oil Co.
F. H. Hennighausen

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