

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

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

Operator TEXACO Inc. Address P.O. Box 728-Mobbs, New Mexico
(NCT-1)
Lease State of New Mexico "BN" Well No. 1 County Lea
Unit L Section 25 Township 11-S Range 32-E

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

Moore (Devonian)

Name of Injection Formation(s): Glorieta and Tubb

Top of injection zone: 4790 Bottom of injection zone: 6400
Give operator, lease, well no., and location of any other well in this area using this same
zone for disposal purposes: None

CASING PROGRAM

| | Diameter | Setting Depth | Sacks Cement | Top of Cement |
|--------------|----------|---------------|--------------|---------------|
| Surface | 13-3/8" | 364' | 350 | Circulated |
| Intermediate | 8-5/8" | 3540' | 2000 | Circulated |
| Long String | 5-1/2" | 10,232' | 450 | 7430' |

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

Size tubing: 3-1/2" Setting depth: 4550' Packer set at: 4550'

Name and Model No. of packer: Baker Model D Production Packer

Will injection be through perforations or open hole? Perforations

Proposed interval(s) of injection: 4790'-4890' and 6300'-6400'

Well was originally drilled for what purpose? Oil Production

Has well ever been perforated in any zone other than the proposed injection zone? Yes

List all such perforated intervals and sacks of cement used to seal off or squeeze each:
Perfs. 10,070' to 10,150', bridge plug set at 9530' with 120' of sand on top. Perfs. 8302'
to 8345' squeezed with 50 sacks cement. Perfs. 8234' to 8260' to be isolated by setting bridge
plug at 8100' and capping with cement.

Give depth of bottom of next higher zone which produces oil or gas: None Productive

Give depth of top of next lower zone which produces oil or gas: 8200'

Give depth of bottom of deepest fresh water zone in area: 135'

Expected volume of salt water to be injected daily (barrels): 5000

Will injection be by gravity or pump pressure? Pump Estimated pressure: 800 psi

Is system open or close type? Open 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
C. E. Caple - 3029 Perlita Ave. - Los Angeles 39, California
McAlester Fuel Company - P. O. Box 1608 - Midland, Texas

Great Western Drilling Company - P. O. Box 1659 - Midland, Texas

Sunray Mid-Continent Oil Company - 1101 Wilco Building - Midland, Texas

L. C. Harris - Minkle Building - Roswell, New Mexico

Tidewater Oil Company - P. O. Box 1231 - Midland, Texas

Samedan Oil Corporation - 502 V&J Tower Building - Midland, Texas

Name and address of surface owner State of 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? By Registered Mail 9-20-63

Is a complete electrical log of this well attached? Yes

Operator: TEXACO Inc.

By: H. D. Raymond
H. D. Raymond

Title: Assistant District Superintendent

STATE OF NEW MEXICO)
County of LEA) ss.

BEFORE ME, The undersigned authority, on this day personally appeared H. D. Raymond 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 20th day of September, 19 63.

Jeanne Redmond
Notary Public in and for the County of Lea

June 20, 1965

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.