

IN THE MATTER OF THE APPLICATION OF  
SUNRAY MID-CONTINENT OIL COMPANY FOR  
AN ORDER AUTHORIZING THE DISPOSAL OF  
SALT WATER INTO THE LANE PENNSYLVANIAN  
OIL POOL, LEA COUNTY, NEW MEXICO.

RECORDED  
INDEXED  
CASE NO. 1532

A P P L I C A T I O N

TO THE HONORABLE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO:

COMES NOW the Applicant, Sunray Mid-Continent Oil Company, and respectfully alleges and states as follows:

1. That it is the co-owner and operator of oil and gas leases within the vertical and horizontal limits of the Lane Pennsylvanian and Lane Wolfcamp Oil Pools, Lea County, New Mexico.
2. That its wells completed in the Lane Wolfcamp Oil Pool are producing salt water and it is desired to dispose of salt water produced in the Lane Field into the Pennsylvanian formation.
3. That attached hereto, and made a part hereof, is a plat marked Exhibit "A" showing the location of the proposed intake well; the location of all oil and gas wells, including drilling wells and dry holes, and the names of the lessees within one-half mile of the proposed intake well; and the names of each off-set operator.
4. That the wells in this field are producing from the Wolfcamp and Pennsylvanian formations.
5. That it is planned to dispose of the produced salt water into the Pennsylvanian formation through the well bore of the Hobbs "G" Well No. 1, located 1980 feet from the North line and 1980 feet from the West line of Section 36, Township 9 South, Range 33 East, Lea County, New Mexico, between the interval of 9834 to 9865 feet.
6. That a log of the proposed disposal well will be submitted to the Commission at the time of the hearing of this application.
7. That 13-3/8 inch O.D. casing has been set at 352 feet with 360 sacks of cement; that 8-5/8 inch O.D. casing has been set at 4029 feet with 2100 sacks of cement; and that 5-1/2 inch casing has been set at 9841 feet with 340 sacks of cement. That the casing will be tested to 1000 psi for 30 minutes before the well is used for the disposal of salt water.
8. That it is estimated that a minimum of 400 barrels of salt water will be injected daily into the proposed disposal well with an estimated future maximum of 3000 barrels of salt water to be injected daily. This water will be salt water produced with the oil from wells completed in the Lane Field.
9. That attached hereto and made a part hereof is a copy of a letter to the Office of the State Engineer, marked Exhibit "B", which complies with Commission Memorandum No. 5-58 dated January 31, 1958.
10. That Sunray Mid-Continent Oil Company, P. O. Box 2039, Tulsa, Oklahoma, will be the operator of this proposed project.

WHEREFORE, Applicant prays that this application be set for hearing, that notice thereof be given as required by law and that upon the evidence adduced at such hearing, the Commission issue an order granting to Applicant permission to dispose of salt water produced in the Lane Field into the Pennsylvanian Formation through the Hobbs "G" Well No. 1.

DATED this 15th day of September, 1958.

SUNRAY MID-CONTINENT OIL COMPANY

By William R. Loar  
William R. Loar, Its Attorney

*copy of application  
& exhibits given  
to Mr. Shea  
9-15-58 BP*