

RED LAKE OIL POOL
(Grayburg Sand Waterflood)
Eddy County, New Mexico.

Order No. R-568, Authorizing Kersey and Company to Conduct a Waterflood of the Grayburg Sand in the Red Lake Oil Pool, Eddy County, New Mexico, January 13, 1955.

The matter of the application of Kersey and Company for permission to institute a secondary recovery program by waterflooding the Grayburg Sand of the Red Lake Oil Pool of Eddy County, New Mexico, said program to consist of the injection of water into applicants Thompson-State Wells Nos. 1, 2, 3 and 4, (formerly owned by Delhi Oil Corporation), all of which are located in SW/4 of Section 20, Township 17 South, Range 28 East, N.M.P.M., and the drilling of a fifth well for recovery purposes to be known as Kersey and Company's Thompson State Well No. 5, to be located 1650 feet from the West line and 1,000 feet from the South line of Section 20, Township 17 South, Range 28 East, N.M.P.M., in a so-called "Five-Spot" location.

CASE NO. 789
Order No. R-568

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 o'clock a.m. on November 17, 1954, at Santa Fe, New Mexico, before the Oil Conservation Commission, hereinafter referred to as the "Commission".

NOW, on this 13th day of January, 1955, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing, and being otherwise fully advised in the premises,

FINDS:

- (1) That due notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That Kersey and Company is the owner of an oil and gas lease covering the SW/4 of Section 20, Township 17 South, Range 28 East, N.M.P.M., Eddy County, New Mexico.
- (3) That the program proposed by petitioner to accomplish the recovery of oil through water injection will tend to prevent waste through the production of oil which might not otherwise be recovered, and should be approved upon the condition that said program be conducted in a workmanlike manner.
- (4) That the proposed injection program can best be operated through the injection of water into applicant's Thompson-State Wells 1, 2, 3 and 4 and the recovery of oil through a fifth well to be drilled as set out in the application.
- (5) That a secondary recovery program through water injection is of an experimental nature in this particular pool, and periodic reports should be submitted to the Commission by the petitioner disclosing the progress of its program.
- (6) That no objection has been entered to the granting of this application.

IT IS THEREFORE ORDERED:

1. That the application of Kersey and Company for permission to inject water into its Thompson-State Wells Nos. 1, 2, 3 and 4, all of which are located in the SW/4 of Section 20, Township 17 South, Range 28 East, N.M.P.M., Eddy County, New Mexico, for the purpose of effecting the recovery of oil through water injection should be, and the same hereby is granted.
2. That permission is hereby granted to inject water into the

Grayburg producing formation of the Red Lake Oil Pool of Eddy County, New Mexico, through said injection wells.

3. That permission is further granted for the drilling of a fifth well for recovery purposes, such well to be known as Kersey and Company's Thompson-State No. 5, and to be located 1650 feet from the west line and 1000 feet from the south line of Section 20, Township 17 South, Range 28 East, N.M.P.M., Eddy County, New Mexico in the Red Lake Oil Pool, said well to be drilled to an approximate depth of 1900 feet subsurface to a sand member within the Grayburg section.

4. That the operator-applicant shall submit monthly reports to the Commission showing the monthly oil production and water production, and the amount of water injected into the reservoir through each injection well.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

RUSSELL POOL

(Yates Sand Waterflood)
Eddy County, New Mexico.

Order No. R-263, Authorizing Neil H. Wills et al to Conduct a Waterflood in the Yates Sand of the Russell Pool, Eddy County, New Mexico, February 10, 1953.

The matter of the application of Neil H. Wills, et al, for approval of a secondary recovery program (by waterflooding) in the Russell Pool, Eddy County, New Mexico, in Sections 12, 13 and 14, Township 20 South, Range 28 East, N.M.P.M.

CASE NO. 469
Order No. R-263

ORDER OF THE COMMISSION

BY THE COMMISSION: This cause came on for hearing at 9 o'clock a.m. January 15, 1953, at Santa Fe, New Mexico, before the Oil Conservation Commission, hereinafter referred to as the "Commission."

NOW, on this 10th day of February, 1953, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing, and being otherwise fully advised in the premises;

FINDS:

- (1) That due notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the petitioner's request to revert to secondary recovery methods by a water injection program will tend to prevent waste and should be granted upon the condition that said program be pursued in the manner outlined at said hearing.
- (3) That a secondary recovery program by water injection is of an experimental nature in this particular pool, and periodic reports should be submitted to the Commission by the petitioner disclosing its acts and doings in the matter.

IT IS THEREFORE ORDERED:

That the applicant, Neil H. Wills et al, be and hereby is given the right to institute a secondary recovery program on leases in the Russell Pool by injecting water into the Yates sand reservoir.

IT IS FURTHER ORDERED, That petitioner submit quarterly reports to the Commission disclosing all of its acts and doings and setting forth therein the progress it has made by the adoption of its secondary recovery program.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

Oil Conservation Division
Case No. 1
Exhibit No. 1

RED LAKE QUEEN-GRAYBURG-SAN ANDRES POOL
Eddy County, New Mexico

Order No. 850, January 1, 1950, Redefining Pool, as Amended by Order No. R-157, May 20, 1952; Order No. R-1059, September 30, 1957; Order No. R-1143, March 25, 1958; Order No. R-1424, June 18, 1959; Order No. R-1857, February 1, 1961; Order No. R-2172, February 1, 1962; Order No. R-2241, June 1, 1962; Order No. R-2427, March 1, 1963; Order No. R-2507, July 1, 1963; Order No. R-2552, September 1, 1963; Order No. R-2602, December 1, 1963; Order No. R-3056, May 1, 1966; Order No. R-3280, August 1, 1967; Order No. R-4167, August 1, 1971; Order No. R-4437, December 1, 1972; Order No. R-4937, February 1, 1975; Order No. R-5309, November 1, 1976; Order No. R-5417, May 1, 1977; Order No. R-5456, July 1, 1977; Order No. R-5781, September 1, 1978; Order No. R-6758, September 1, 1981; Order No. R-6912, March 1, 1982; Order No. R-7158, January 1, 1983; Order No. R-7555, July 1, 1984; Order No. R-8138, February 1, 1986; Order No. R-8257, July 1, 1986; Order No. R-9326, November 1, 1990; Order No. R-9981, October 1, 1993; Order No. R-10822, July 1, 1997; Order No. R-10844, August 1, 1997; Order No. R-10951, February 1, 1998; Order No. R-11005, August 1, 1998; Order No. R-11097, December 1, 1998; Order No. R-11810, August 15, 2002; Order No. R-11810-A, August 15, 2002; Order No. R-11963, June 1, 2003; Order No. R-12574, July 1, 2006.

T-17-S, R-27-E SE/4 Sec. 12; N/2, SE/4 Sec. 13; S/2 NE/4 Sec. 22; SE/4, S/2 NW/4, NE/4 SW/4 Sec. 23; E/2, SW/4, S/2 NW/4 Sec. 24; Sec. 25; E/2, S/2 SW/4 Sec. 26; Sec. 27; SE/4 Sec. 32; S/2, NE/4 Sec. 33; Secs. 34, 35, 36.

T-17-S, R-28-E Sec. 7; SW/4 Sec. 8; SE/4, E/2 & SW/4 NE/4 Sec. 9; SW/4 Sec. 10; S/2 Sec. 11; SW/4 SW/4 Sec. 12; W/2 Sec. 14; Sec. 15; S/2 NE/4 Sec. 16; W/2 Sec. 18; SW/4 Sec. 19; NW/4 NW/4 Sec. 20; E/2 SE/4, NE/4, N/2 NW/4 and SE/4 NW/4 Sec. 21; Sec. 22; S/2, S/2 NW/4 Sec. 23; N/2 Sec. 25; N/2 Sec. 26; N/2 N/2, SW/4 Sec. 27; SE/4, E/2 & SW/4 NE/4, E/2 & SW/4 SW/4, Sec. 28; SW/4, N/2 SE/4 Sec. 29; S/2, NW/4 Sec. 30; W/2, W/2 E/2, NE/4 NE/4 Sec. 31.

T-18-S, R-26-E E/2 Sec. 1.

T-18-S, R-27-E N/2 Sec. 1; SE/4, N/2 SW/4 Sec. 2; Secs. 3 through 9; N/2 Sec. 17; NE/4, N/2 and SE/4 NW/4 Sec. 18.

RED LAKE-PENNSYLVANIAN GAS POOL
Eddy County, New Mexico

Order No. R-986, April 29, 1957, Establishing Pool, as Amended by Order No. R-1340, February 23, 1959; Order No. R-1532, November 23, 1959; Order No. R-4734, March 1, 1974; Order No. R-4821, August 1, 1974; Order No. R-4969, April 1, 1975; Order No. R-5102, October 1, 1975; Order No. R-5171, April 1, 1976; Order No. R-5361, March 1, 1977; Order No. R-5838, November 1, 1978; Order No. R-6170, November 1, 1979; Order No. R-6420, August 1, 1980.

T-17-S, R-27-E W/2 Sec. 31.

T-18-S, R-26-E E/2 Sec. 24.

T-18-S, R-27-E Secs. 5, 6, 7, 8; NE/4 Sec. 17; Secs. 18, 19; W/2 Sec. 20; Sec. 29; N/2 Sec. 30.

NORTH RED LAKE-QUEEN POOL
Eddy County, New Mexico

Order No. R-1324, January 21, 1959, Establishing Pool, as Amended by Order No. R-1466, August 18, 1959; Order No. R-1611, February 26, 1960.

Pool abolished by Order No. R-2449, April 1, 1963, and area combined into East Red Lake-Queen Pool.

ROBERTS POOL
(GRAYBURG)
Lea County, New Mexico

Order No. 850, January 1, 1950, Redefining Pool, as Amended by Order No. 877, September 13, 1956; Order No. R-928, December 13, 1956; Order No. R-1008, May 29, 1957; Order No. R-1118, January 28, 1958; Order No. R-1179, May 26, 1958; Order No. R-1238, August 14, 1958; Order No. R-1355, March 20, 1959; Order No. R-1488, September 22, 1959.

Pool abolished by Order No. R-1907, April 1, 1961, and area combined into Maljamar Pool.

RED LAKE-SEVEN RIVERS POOL
Eddy County, New Mexico

Order No. R-787, April 16, 1956, Establishing Pool, as Amended by Order No. R-5226, July 1, 1976.

T-17-S, R-28-E N/2 SE/4, SE/4 NE/4 Sec. 9; NW/4 Sec. 10.

ROBINSON POOL
(GRAYBURG-SAN ANDRES)
Eddy and Lea Counties, New Mexico

Order No. 850, January 1, 1950, Redefining Pool, as Amended by Order No. R-93, September 20, 1951; Order No. R-521, August 19, 1954; Order No. R-1355, March 20, 1959; Order No. R-1441, July 21, 1959; Order No. R-1488, September 22, 1959; Order No. R-1532, November 23, 1959; Order No. R-1559, December 18, 1959; Order No. R-1857, February 1, 1961; Order No. R-2034, August 1, 1961; Order No. R-2101, November 1, 1961; Order No. R-2449, April 1, 1963; Order No. R-2469, May 1, 1963; Order No. R-2485, June 1, 1963.

Pool abolished by Order No. R-2569, October 1, 1963.

RUSSELL POOL
(YATES)
Eddy County, New Mexico

Order No. 850, January 1, 1950, Redefining Pool, as Amended by Order No. R-2187, March 1, 1962.

T-20-S, R-28-E S/2 Sec. 12; Secs. 13, 14; SE/4 SE/4 Sec. 22; Sec. 23; W/2 Sec. 24; E/2 NE/4 Sec. 27.

SALADAR-YATES POOL
Eddy County, New Mexico

Order No. R-928, December 13, 1956, Establishing Pool, as Amended by Order No. R-948, January 30, 1957; Order No. R-1160, April 22, 1958.

T-20-S, R-28-E W/2, W/2 SE/4 Sec. 33.