

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE APPLICATION OF SKELLY)
OIL COMPANY FOR AN ORDER AUTHORIZING A)
WATERFLOOD INTO THE LANGLIE MATTIX POOL)
BY INJECTION INTO ITS MATTIX "A" WELL NO. 4)
LOCATED IN UNIT "K" SECTION 2, TOWNSHIP 24)
SOUTH, RANGE 37 EAST, LEA COUNTY, NEW)
MEXICO.)

CASE NO. 3906

A P P L I C A T I O N

Comes now Skelly Oil Company and alleges and states:

1. That it is a Delaware Corporation authorized to do business in the State of New Mexico and that it operates a number of wells and leases in the Langlie Mattix Pool and that in the near future it will form the Myers Langlie-Mattix Unit covering considerable area in Township 23 and 24 South, Range 36 East, 37 East, and 38 East, Lea County, New Mexico.

2. That a number of wells and leases operated by applicant are producing considerable volumes of produced salt water that in view of the Commission's pending deadline for the elimination of surface disposal pits it is necessary and desirable that the produced water be disposed of underground.

3. That pending final approval by the various interest owners prior to the formation of the Myers Langlie-Mattix Unit, Skelly Oil Company proposes to conduct a waterflood into the producing formation by converting its Mattix "A" Well No. 4 to injection and that in the future when the unit is formed said well will be one of the injection wells in the unit.

4. That attached hereto and made a part hereof is Exhibit "A", 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 proposed injection well the formation from which said wells are producing or have produced. The plat also indicates the leases within the aforementioned two mile radius.

5. That attached hereto and made a part hereof is Exhibit "B", a log of the proposed injection well.

6. That attached hereto and made a part hereof is Exhibit "C", a diagrammatic sketch of the proposed injection well showing all casing strings, including diameter and setting depths; quantities used and tops of cement; perforation interval; tubing strings, including diameter and setting depths; and the type and location of packers.

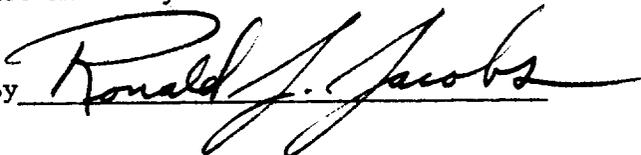
7. That applicant proposes to inject into the Langlie Mattix Pool through open hole below 3438' in said well that the fluid to be injected will initially be produced salt water from the Langlie Mattix Pool on applicant's Mattix "A" lease and other leases in the immediate vicinity and applicant anticipates that the initial volume will be 400 barrels of water per day.

WHEREFORE, PREMISES CONSIDERED, applicant prays that this Commission set this matter down for hearing that notice hereof be given as required by law and that at the conclusion of said hearing based on the evidence adduced, the Commission enter its order granting Skelly Oil Company permission to conduct a waterflood project in the Langlie Mattix Pool through injection into its Mattix "A" Well No. 4, located in Unit K of Section 2, Township 24 South, Range 37 East, Lea County, New Mexico and for such other orders, rules and regulations that may be necessary in the premises.

Respectfully submitted,

SKELLY OIL COMPANY

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Its Attorneys

By 

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