

HUMBLE OIL & REFINING COMPANY

P. O. Box 1600
Midland, Texas 79701
June 29, 1970

22-2: Request for Exception to R-3221
Double L Queen Pool,
Chaves County, New Mexico

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Attn: Mr. A. L. Porter, Jr., Secretary Director

Gentlemen:

Humble Oil & Refining Company respectfully requests a hearing before the Commission to consider its application for exception to Order R-3221, as amended, Double L Queen Pool, Chaves County, New Mexico. Humble seeks permission to dispose of water produced in conjunction with oil or gas or both, into unlined surface pits. The following leases, showing location and approximate present water production, are involved (see map attached):

- | | | |
|---------------------|-----------------------------------|------------------------|
| 1. Florence B. Lusk | NW/4, Sec. 6, T-15-S, R-30-E | 31 bbls. water per day |
| 2. DeSmet Federal | W/2, SW/4, Sec. 6, T-15-S, R-30-E | 28 bbls. water per day |
| 3. Hesse Federal | W/2, NW/4, Sec. 7, T-15-S, R-30-E | 71 bbls. water per day |
- A typical analysis of the produced water is attached.

Water production on these leases resulted from recent development and is being disposed into the tank battery emergency pits on a temporary permit. The Lusk pit is located at the tank battery, about 600 feet north of Well 2. The DeSmet pit is located at the battery, about 300 feet southeast of Well 1. The Hesse Federal pit is located at the battery, about 300 feet southwest of Well 1. The pits presently being used are 25' x 25' standard emergency pits.

The State Engineer records show no subsurface water wells in Section 6 and 7. Cable tool drilling in the pool has had no shows of fresh subsurface water. The nearest subsurface water well is located in the southwest quarter of Section 3, T-15-S, R-30-E, and it is believed to be producing from the Triassic from 200 feet to 300 feet deep. We believe that no damage or contamination to fresh water will result from unlined surface pits.

Yours very truly,

HUMBLE OIL & REFINING COMPANY

L. H. Byrd

BEFORE EXAMINER UTZ
Oil Conservation Commission
EXHIBIT NO. <u>1</u>
CASE NO. <u>4388</u>

Attachments

cc: Mr. Jim Knauf
U.S.G.S.