

SUNRAY MID-CONTINENT OIL COMPANY

P. O. BOX 128
HOBBS, NEW MEXICO

December 12, 1960

COPY

New Mexico Oil Conservation Commission
P. O. Box 2045
Hobbs, New Mexico

Gentlemen:

Please find attached results of packer leakage test on Sunray Mid-Continent Oil Company N. M. State "F" No. 2, Lane Penn and Lane Wolfcamp Pools, Lea County, New Mexico.

The Penn zone is pumped by rod pump through 2 3/8" tubing and the Wolfcamp is pumped with a casing type Kobe pump. Packers are set above and below the upper zone (Wolfcamp). Since the conventional packer leakage test procedure of building up and bleeding off pressures would give no information on this well, the casing-tubing annulus and the two tubing strings were pressured up by mechanical means. Although this testing procedure is not conclusive, the fluid volumes produced during the test indicate that the two zones are separated.

Yours truly,

SUNRAY MID-CONTINENT OIL COMPANY


R. E. Statton
District Engineer

RES:db
cc: NMOCC
File