

EXHIBIT NO. 4  
CONTINENTAL OIL COMPANY  
REQUEST FOR EXCEPTION  
TO  
N.M.O.C.C. RULE 309

ANDERSON RANCH UNIT  
ANDERSON RANCH WOLFCAAMP POOL

BEFORE THE  
OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO  
CASE 1043 EXHIBIT No. 4

GENERAL INFORMATION:

1. Pool, formation and average depth -

The Anderson Ranch Wolfcamp Pool produces from the Wolfcamp Dolomite of Permian age at an average depth of 9800'.

2. Location and size of lease -

The Anderson Ranch Unit is located in Sections 1, 2, 11, 12, 13 and 14 of T-16S, R-32E, Lea County, New Mexico. The unit is comprised of 1840 acres.

3. Number of Wolfcamp wells in Anderson Ranch Unit -

To the present time ten wells have been drilled to the Wolfcamp formation in the Anderson Ranch Unit. Of these, nine are producing and one is plugged and abandoned. The nine producing wells are producing into a single tank battery. Of the nine producing wells, seven are flowing and two are on Kobe pump.

4. Date 9th well Started Producing -

The 9th well, Anderson Ranch Unit No. 18-W, was potentialled on June 30, 1955.

5. Current Lease Allowable and Production -

Based on 4.1 BOPD basic allocation the per well daily allowable is 155 barrels in the Anderson Ranch Wolfcamp Pool. Top allowable for the entire lease is 1395 BOPD; however, five wells are limited capacity and as such the daily average allowable and production during the month of February, 1956 was 969 and 966 barrels, respectively.

6. Tank Battery Facilities -

The Anderson Ranch Unit Wolfcamp battery contains the following separating, treating and storage equipment:

- (a) One 30" x 5' horizontal test separator.
- (b) One 48" x 14' vertical production separator.
- (c) One 8' x 24 1/2' emulsion treater.
- (d) One 20' x 24' 1350 bbl. Kobe settling tank.
- (e) Four 14' x 20' 500 bbl. tanks.
- (f) Four 14' x 20' 545 bbl. tanks.

The total storage capacity of this battery is 4,180 barrels; providing approximately 3 days storage based on top lease allowable or 4 days based on current production rate.

7. Testing Facilities -

The Anderson Ranch Unit Wolfcamp battery is equipped with a 2" 9-well manifold which can direct the production of each well separately through a 30" x 5' horizontal test separator and on to any one of the eight stock tanks in the battery. The test separator is equipped with an orifice meter and two-pen recorder for metering gas production from individual wells on test. Individual well water production is obtained from tank gauges on free water and grind-outs on combined water.