

Box 73<sup>2</sup>  
Holland

APPLICATION OF RALPH LOWE ET AL.  
FOR AN EMERGENCY ORDER REDUCING  
ALLOWABLES IN THE GLADIOLA POOL  
IN LEA COUNTY, NEW MEXICO.

APPLICATION

COMES now Ralph Lowe, on behalf of himself and Colorado Oil & Gas Corporation, and makes application for an emergency order and in support thereof states:

1. That Ralph Lowe is the operator of twenty-four of the approximate ninety wells completed in and producing from the Gladiola (Devonian) Pool in Lea County, New Mexico.
2. That the producing mechanism in the said Gladiola Pool is an active water drive.
3. That the number of wells producing water in said Gladiola Pool has been increasing over the period of the last six months and that on February 21, 1958 the Ralph Lowe, et al. Lawton-State No. 2 Well located in NW/4 SW/4 of Section 32, Township 11 South, Range 38 East, NMPM, commenced producing 100% water, whereas prior to that date said well had been capable of producing top allowable since completion on September 19, 1956.
4. That the applicant states and believes that the water production from the above-described wells is premature and that said premature water production has been caused by the production of said wells at excessive rates.
5. That the said Gladiola Pool is in the 12,000 to 13,000 foot depth range and that said pool is therefore assigned a depth factor of 6.75 times the normal unit allowable and that the top unit allowable for said pool for the month of March, 1958, will be 236 barrels of oil per day.
6. That in addition to the top unit allowable heretofore set forth, the Commission has authorized the production during the month of March, 1958, of back allowable in the said Gladiola Pool as a result of purchaser prorationing by Magnolia Petroleum Company during the months of June, July, August, September and October, 1957.

7. That the applicant further states and believes that the production of the wells in the said Gladiola Pool at the presently authorized rates will result in additional premature water encroachment thereby reducing the ultimate recovery of oil from the said Gladiola Pool.

8. That during the period of purchaser prorationing referred to above, the production from the wells in the northernmost portion of the pool (formerly North Gladiola Pool) was reduced to an approximate average daily production of 190 barrels of oil and that during said period the pressure performance of certain of said wells indicated that production at this lower rate would result in the additional ultimate recovery of oil from said wells.

9. That the applicant states and believes that time is of the utmost importance and that an emergency exists which requires the promulgation of an emergency order to prevent the waste of oil in the Gladiola Pool in Lea County, New Mexico.

WHEREFORE the applicant prays that an emergency order be immediately entered curtailing the maximum production from any well in the Gladiola Pool in Lea County, New Mexico to an amount not to exceed 190 barrels of oil per day, and further that the Commission call a hearing on its own motion at the earliest possible date to consider the entry of a permanent order in this regard.

RALPH LOWE ET AL.

By: Harvin L. Landua  
HARVIN L. LANDUA

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February 28, 1958