

Case 634

OIL CONSERVATION COMMISSION  
STATE OF NEW MEXICO  
SANTA FE, NEW MEXICO.

Re: IN THE MATTER OF SKELLY OIL  
COMPANY FOR APPROVAL OF AN  
UNORTHODOX GAS UNIT EMBRACING  
80 CONTIGUOUS ACRES IN THE  
LANGMAT GAS POOL, LEA COUNTY,  
NEW MEXICO.

OIL CONSERVATION COMMISSION  
SANTA FE, NEW MEXICO.

RECEIVED  
DEC 1 1953

Gentlemen:

Comes now SKELLY OIL COMPANY, a Delaware corporation with offices in Tulsa, Oklahoma, hereby petitioning the New Mexico Oil Conservation Commission for approval of an unorthodox gas proration unit lying wholly within the limits of the Langmat Gas Pool, namely the  $W\frac{1}{2}$ ,  $SE\frac{1}{4}$  of Section 36, T23S, R36E., N.M.P.M., Lea County, New Mexico, and in support thereof does state:

1. That the petitioner is the sole owner of all leases on the 80 acres confined by the boundaries of the  $W\frac{1}{2}$ ,  $SE\frac{1}{4}$  of Section 36, T23S, R36E., N.M.P.M., and concerns but a single royalty owner, namely the State of New Mexico.
2. That the petitioner's Mexico "D" well No. 1 is located 1980' from each of the South and East boundaries of the section and is completed within the vertical limits of the Langmat Gas Pool, as defined by the New Mexico Oil Conservation Commission.
3. That the petitioner's lease is entirely surrounded by producing gas wells in the Langmat Gas Pool and is, therefore, itself capable of production.
4. That a plat showing the above described lands and all offset properties indicating well locations and lease ownership to the best of our knowledge is hereto attached.
5. That all lands described above, and contained within the limits of the proposed proration unit, lie within a single legal subdivision (quarter section) of the U. S. Public Land Survey.

Wherefore, the petitioner requests that, in the interest of conservation and protection of correlative rights, the Commission grant an exception to Rule 7(a), Order No. R-369-A by which the petitioner may operate the above described lands as a single unit.

Respectfully submitted

SKELLY OIL COMPANY

J. N. Dunlavy

# SKELLY OIL COMPANY

Case No. \_\_\_\_\_

Exhibit No. \_\_\_\_\_

|  |                    |  |                           |  |                              |
|--|--------------------|--|---------------------------|--|------------------------------|
| CONTINENTAL<br>⚡ B-1                           | ATLANTIC<br>"B"    | BAKER & TAYLOR<br><br>CONTINENTAL<br>⚡ B-2 | CONT. ATLAN.<br><br>⚡ B-1 | CLAY<br>⚡ B-1  | MAXWELL<br><br>LIVERMORE     |
| GULF<br>U S<br>CHRISTMAS                       | WESTERN GAS<br>CO. | U S<br>AMERADA                             |                           | Cowden<br>CLAY   |                              |
| Combust<br>CONT. ATLAN.<br>⚡ A-1               | WESTERN GAS        | CITIES SER.<br>"Q"                         | RALPH LOWE<br><br>⚡ 2     | State 36<br>SKELLY<br>"Mexico D"<br>⚡ 650'<br>1980'<br>State | GULF<br>⚡ B-1                |
| U S<br>HUMBLE<br>"Z"<br><br>⚡ Z-1<br><br>State |                    | State                                      | State                     | State  | U S                          |
| CLAY   | TEXAS              | CONTINENTAL<br><br>⚡ 2                     | ⚡ B-1                     | Camp<br>E P N G  | Gulf<br><br>Cooper<br>Carter |

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1. That the petitioner is the sole owner of all leases on the 80 acres confined by the boundaries of the W/2, SE/4 of Section 36, T23S, R36E., N.M.P.M., and concerns but a single royalty owner, namely the State of New Mexico.

2. That the petitioner's Mexico "D" well No. 1 is located 1980' from each of the South and East boundaries of the section and is completed within the vertical limits of the Langmat Gas Pool, as defined by the New Mexico Oil Conservation Commission.

3. That the petitioner's lease is entirely surrounded by producing gas wells in the Langmat Gas Pool and is, therefore, itself capable of production.

4. That a plat showing the above described lands and all offset properties indicating well locations and lease ownership to the best of our knowledge is hereto attached.

5. That all lands described above, and contained within the limits of the proposed proration unit, lie within a single legal subdivision (quarter section) of the U. S. Public Land Survey.

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Respectfully submitted  
SKELLY OIL COMPANY

J. N. Dunlavey

N.M. Oil & Gas Engineering Committee  
January 4, 1954  
Hobbs, New Mexico

Case No. 634

Exhibit No. \_\_\_\_\_

SKELLY OIL COMPANY  
Mexico "D" #1  
Sec. 36, T23S, R36E.

#### C O M P L E T I O N   D A T A

SKELLY OIL COMPANY'S Mexico "D" #1 well was completed in August, 1948, in the Queen formation at a total depth of 3590' for an initial potential of 35 BOPD. The well produces oil from open hole below 7" OD casing set at 3400'.

Gas is produced from the following perforations in the 7" casing between the interval 2900' - 3000' in the Yates sandy section. The oil and gas zones are segregated by a Guiberson production packer set at 3126'.

OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

June 7, 1954

C  
O  
P  
Y  
  
Skelly Oil Company  
Hobbs, New Mexico

Attention: Mr. J. N. Dunlavey

Gentlemen:

We attach copies of Orders R-469 (in Case 634), R-432 in Case 637, and Order R-479 in Case 703.

Very truly yours,

W. B. Macey  
Chief Engineer

WBM:nr

OIL CONSERVATION COMMISSION  
STATE OF NEW MEXICO  
SANTE FE, NEW MEXICO.

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2. That the petitioner's Mexico "D" well No. 1 is located 1900' from each of the South and East boundaries of the section and is completed within the vertical limits of the Langmat Gas Pool, as defined by the New Mexico Oil Conservation Commission.

3. That the petitioner's lease is entirely surrounded by producing gas wells in the Langmat Gas Pool and is, therefore, itself capable of production.

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J. N. Dunlavy