

Filed February 18, 1957
O. L. P.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF THE STATE OF NEW
MEXICO FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 1185
Order No. R-952

APPLICATION OF THE IBEX COMPANY
FOR AN ORDER AUTHORIZING THREE
WATER FLOOD PROJECTS FOR PURPOSES
OF SECONDARY RECOVERY IN THE PREMIER
SAND OF THE GRAYBURG FORMATION OF THE
ARTESIA POOL, EDDY COUNTY, NEW MEXICO,
AND FURTHER AUTHORIZING THE UNORTHODOX
LOCATION OF A NUMBER OF THE APPLICANT'S
WELLS IN THE SAID ARTESIA POOL.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on December 13, 1956 at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 18th day of February, 1957, the Commission, a quorum being present, having considered the application and the evidence adduced, and being fully advised in the premises,

FINDS:

1. That due notice having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.
2. That the application for two of the above-captioned water floods should be dismissed without prejudice due to the fact that they involve the uppermost member of the Grayburg formation rather than the Premier Sand as indicated in the application and legal advertisement for this case.
3. That the applicant, The Ibex Company, proposes to institute a pilot water flood operation on certain of its leases in the Artesia Pool, Section 4, Township 18 South, Range 28 East, NMPM, Eddy County, New Mexico; said pilot flood to be limited to the Premier Sand of the Grayburg formation underlying the aforementioned leases.
4. That the applicant proposes to accomplish the said flooding operation by means of water injection through its Levers State Wells Numbers 4, 7, and 10, its Cowell State Wells Numbers 1 and 10 and its Humble State Eddy Well Number 1.

5. That the proposed program for secondary recovery will promote conservation and tend to prevent waste through the production of oil which might not otherwise be recovered.

6. That the progress of the secondary recovery program should be reported periodically to the Commission.

7. That the unorthodox location of the applicant's wells in the area affected by the proposed water flood program should be approved in order to facilitate the operation of the said project.

IT IS THEREFORE ORDERED:

1. That the application of the Ibex Company for two pilot water floods to be instituted in Sections 21, 28 and 32, Township 18 South, Range 28 East, NMPM, be and the same are hereby dismissed without prejudice.

2. That the application of the Ibex Company for permission to institute a pilot water flood in the Premier Sand of the Grayburg formation underlying Section 4, Township 18 South, Range 28 East, NMPM, Artesia Pool, Eddy County, New Mexico, be and the same is hereby granted.

3. That the following Ibex Company wells be and the same are hereby approved as unorthodox locations and water injection wells:

Levers State Well No. 4 - 1065 feet from South line and 1049 feet from the West line.

Levers State Well No. 7 - 247 feet from the South line and 1600 feet from the West line.

Levers State Well No. 10- 1061 feet from the South line and 2271 feet from the West line.

Cowell State Well No. 1 - 1572 feet from the South line and 1549 feet from the West line.

Cowell State Well No. 10- 2397 feet from the South line and 2082 feet from the West line.

Humble State Eddy Well

No. 4 - 1550 feet from the South line and 2088 feet from the East line,

all in Section 4, Township 18 South, Range 28 East, NMPM, Artesia Pool, Eddy County, New Mexico.

4. That monthly progress reports on the water flood project shall be submitted to the Commission in accordance with Rule 1119 of the Commission Rules and Regulations.

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5. That the unorthodox locations of the following Ibex Company wells be and the same are hereby approved in addition to the injection wells listed in paragraph 2 above:

Levers State Well No. 2 - 603 feet from the South line and 497 feet from the West line.

Levers State Well No. 3 - 1074 feet from the South line and 265 feet from the West line.

Levers State Well No. 6 - 223 feet from the South line and 838 feet from the West line.

Levers State Well No. 8 - 1075 feet from the South line and 1567 feet from the West line.

Cowell State Well No. 2 - 1532 feet from the South line and 2088 feet from the West line.

Cowell State Well No. 11- 2399 feet from the South line and 1560 feet from the West line.

Humble State Eddy Well #1-2315 feet from the South line, and 2280 feet from the East line.

Humble State Eddy Well #5-1540 feet from the South line, and 1563 feet from the East line.

Welch Solt State Well No.-

4 -1532 feet from the South line, and 1019 feet from the West line,

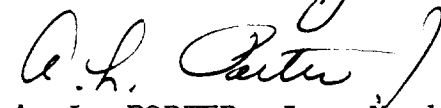
all in Section 4, Township 18 South, Range 28 East, NMPM, Artesia Pool, Eddy County, New Mexico.

DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


EDWIN L. MECHEM, Chairman


MURRAY E. MORGAN, Member


A. L. PORTER, Jr., Member & Secretary

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