

*Entered June 8, 1966
C.F.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 NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 3409
Order No. R-3076

APPLICATION OF DR. SAM G. DUNN
FOR A SECONDARY RECOVERY PROJECT,
CHAVES COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on May 25, 1966,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 8th day of June, 1966, the Commission, a
quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, and being fully advised
in the premises,

FINDS:

(1) That due public notice having been given as required by
law, the Commission has jurisdiction of this cause and the subject
matter thereof.

(2) That the applicant, Dr. Sam G. Dunn, seeks permission
to institute an air injection project in the Leslie Spring-San
Andres Pool by the injection of air into the San Andres formation
through three injection wells in Section 26, Township 7 South,
Range 26 East, NMPM, Chaves County, New Mexico. Further, that
the applicant seeks an administrative procedure whereby said
project could be expanded and additional wells placed on air
injection without notice and hearing.

(3) That the cores of the wells in the project area indi-
cate a high degree of oil saturation, but there appears to be an
almost complete lack of reservoir energy to move the oil to the
well bore.

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(4) That the applicant proposes to inject air into the upper portion of the reservoir, thereby forming an artificial gas cap in an effort to reduce the viscosity of the oil and create sufficient reservoir energy to produce the oil.

(5) That the proposed air injection project may result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(6) That the subject application should be approved and the project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

IT IS THEREFORE ORDERED:

(1) That the applicant, Dr. Sam G. Dunn, is hereby authorized to institute an air injection project in the Leslie Spring-San Andres Pool by the injection of air into the San Andres formation through the following-described wells in Section 26, Township 7 South, Range 26 East, NMPM, Chaves County, New Mexico:

Dale Federal Well No. 5, located 2310 feet from the North line and 1650 feet from the West line;

Dale Federal Well No. 6, located 2310 feet from the North line and 330 feet from the West line; and

Dale Federal Well No. 7, located 1650 feet from the North line and 990 feet from the West line.

(2) That the subject air injection project is hereby designated the Leslie Spring Air Injection Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

(3) That the Secretary-Director of the Commission may authorize the injection of air by the applicant into additional wells in the Leslie Spring-San Andres Pool or within one mile thereof without notice and hearing provided offset operators have been notified of such proposed injection and have not objected thereto within a 15-day waiting period.

(4) That monthly progress reports of the air injection project herein authorized shall be submitted to the Commission in accordance with Rules 704 and 1120 of the Commission Rules and Regulations.

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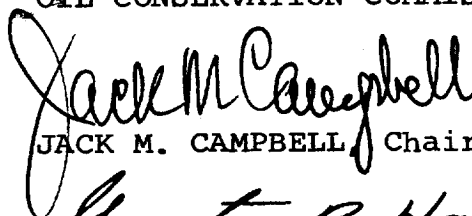
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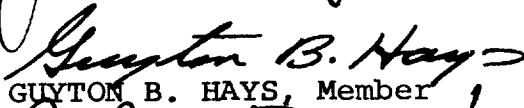
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(5) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OFL CONSERVATION COMMISSION


JACK M. CAMPBELL, Chairman


GUYTON B. HAYS, Member


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

S E A L

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