

*Entered November 17, 1971*  
*A.H.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. 4627  
Order No. R-4225

APPLICATION OF ANADARKO PRODUCTION  
COMPANY FOR A WATERFLOOD EXPANSION,  
LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on November 17, 1971, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 19th day of November, 1971, 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, Anadarko Production Company, seeks permission to expand its Langlie-Mattix Penrose Sand Unit Waterflood Project in the Langlie-Mattix Penrose Sand Unit Area, Langlie-Mattix Pool, by the injection of water into the Penrose Sand of the Queen formation through four additional injection wells at unorthodox locations in Township 22 South, Range 37 East, NMPM, Lea County, New Mexico, as follows:

Well No. 8-5	10 feet from the North line and 10 feet from the West line of Section 21;
Well No. 1-2	1310 feet from the South line and 1310 feet from the West line of Section 14;

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Well No. 2-2      990 feet from the North line and 1310  
feet from the West line of Section 23;

Well No. 40-1      1650 feet from the South line and 1310  
feet from the West line of Section 23.

(3) That the wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells.

(4) That the proposed expansion of the Langlie-Mattix Penrose Sand Unit Waterflood Project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(5) That the subject application should be approved and the expanded project should be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations; provided, however, that the showing of well response as required by Rule 701 E-5 should not be necessary before obtaining administrative approval for the conversion of additional wells to water injection.

IT IS THEREFORE ORDERED:

(1) That the applicant, Anadarko Production Company, is hereby authorized to expand its Langlie-Mattix Penrose Sand Unit Waterflood Project in the Langlie-Mattix Penrose Sand Unit Area, Langlie-Mattix Pool, by the injection of water into the Penrose Sand of the Queen formation through the following-described wells at unorthodox locations in Township 22 South, Range 37 East, NMPM, Lea County, New Mexico:

Well No. 8-5      10 feet from the North line and 10 feet  
from the West line of Section 21;

Well No. 1-2      1310 feet from the South line and 1310  
feet from the West line of Section 14;

Well No. 2-2      990 feet from the North line and 1310  
feet from the West line of Section 23;

Well No. 40-1      1650 feet from the South line and 1310  
feet from the West line of Section 23.

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(2) That the expanded waterflood project shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations;

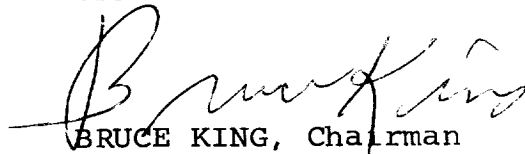
PROVIDED HOWEVER, that the Secretary-Director of the Commission may approve such additional injection wells within said project area as may be necessary to complete an efficient injection pattern; that the showing of well response as required by Rule 701 E-5 shall not be necessary before obtaining administrative approval for the conversion of additional wells to water injection.

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

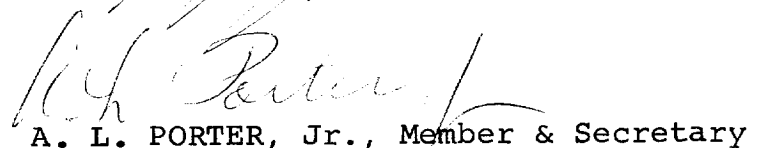
(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

  
BRUCE KING, Chairman

  
ALEX J. ARMIJO, Member

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

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