

Entered February 24, 1976
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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. 5604
Order No. R-5168

APPLICATION OF BURLESON & HUFF
FOR A WATERFLOOD PROJECT, LEA
COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on January 20, 1976, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 24th day of February, 1976, 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, Burleson & Huff seeks authority to institute a waterflood project on its Anadarko Federal Lease, Querecho Plains-Queen Pool, by the injection of water into the Queen formation through its Anadarko Federal Well No. 6 to be drilled at an unorthodox location 1345 feet from the South line and 1485 feet from the West line of Section 27, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico.

(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 waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(5) That the operator should take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.

(6) Applicant further seeks an administrative procedure for approval of additional project wells at standard and non-standard locations within the project area.

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(7) 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, Burleson & Huff, is hereby authorized to institute a waterflood project on its Anadarko Federal Lease, Querecho Plains-Queen Pool, by the injection of water into the Queen formation through its Anadarko Federal Well No. 6, to be drilled at an unorthodox location 1345 feet from the South line and 1485 feet from the West line of Section 27, Township 18 South, Range 32 East, NMPM, Lea County, New Mexico.

(2) That injection shall be through tubing set in a packer which shall be located as near as practicable to the uppermost perforation; that the casing-tubing annulus shall be loaded with an inert fluid and equipped with an approved pressure gauge or attention-attracting leak detection device. That upon injection of any water other than fresh water, said tubing shall be internally plastic-coated.

(3) That the operator shall immediately notify the supervisor of the Commission's Hobbs district office of the failure of the tubing or packer in any of said injection wells, the leakage of water or oil from around any producing well, or the leakage of water or oil from any plugged and abandoned well within the project area and shall take such timely steps as may be necessary or required to correct such failure or leakage.

(4) That the subject waterflood project is hereby designated the Burleson & Huff Querecho Plains Queen Waterflood Project and shall be governed by the provisions of Rules 701, 702, and 703 of the Commission Rules and Regulations.

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

(6) That there is hereby established an administrative procedure for approval of additional wells at standard and non-standard locations within the subject project area and for the substitution of another well on applicant's Anadarko Federal Lease for the initial project injection well herein authorized. To obtain such approval, applicant shall file therefor in accordance with the provisions of Rule 701B of the Commission Rules and Regulations.

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

