

BURLESON & HUFF

OIL PROPERTIES

BOX 2479 - PHONE 683-4747

MIDLAND, TEXAS 79701

November 12, 1976

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MIDLAND, TEXAS

New Mexico Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Case No. 5604, Order No. R-5168
Application for Administrative
Order Authorizing Change of
Injection Well

Gentlemen:

In the above case Burleson & Huff made application for a water-flood project on its Anadarko Federal Lease in the Querecho Plains - Queen Pool in Lea County, New Mexico. Based on a hearing on January 20, 1976, Burleson & Huff received authority of the Commission under the above captioned Order to drill its Anadarko Federal Well No. 6 at an unorthodox location 1345 feet from the south line and 1485 feet from the west line of Section 27, T-18-S, R-32-E.

Before Burleson & Huff started its Anadarko Federal well No. 6, Elk Oil Company on March 5, 1976 commenced its A. M. Federal No. 1 well located 990 feet from the south line and 1650 feet from the west line of said Section 27, and thereafter drilled the well to a total depth of 4870 feet. Completion attempt was made in the Grayburg - San Andres and after attempting to produce the well for a short period of time the well was abandoned on June 1, 1976. Burleson & Huff purchased said well from Elk Oil Company on June 4, 1976. As a consequence Burleson & Huff did not drill its No. 6 well but instead has designated the aforementioned purchased well as its No. 6 well.

Burleson & Huff now proposes to institute its waterflood project on its Anadarko Federal Lease by injection of water into the Queen formation through its Anadarko Federal well No. 6 at the aforementioned location of 990 from the south line and 1650 feet from the west line of said Section 27, and hereby requests that the Commission authorize such water injection by administrative order as authorized in paragraph (6) in the Commission Order No. R-5168. If this application is granted, injection would be through tubing set in a packer which shall be located as near

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as practicable to the uppermost perforation in the well; the casing-tubing annulus shall be loaded with an inert fluid and equipped with an approved pressure gauge or attention-attracting device; and said tubing shall be internally plastic-coated if any water other than fresh water is injected. All other requirements and regulations of the Commission will be fully complied with.

Burleson & Huff proposes to inject initially between 200 and 400 barrels of water per day. The water will be obtained from the City of Carlsbad water system, Section 3, T-19-S, R-32-E.

The following items are attached hereto and submitted herewith as part of this application.

1. Plat showing the location of the proposed injection well and the location of all other wells within a radius of two miles from said proposed injection well and the formation from which said wells are producing or have produced and further showing all lessees within a two mile radius.
2. Log of proposed injection well.
3. Diagrammatic sketch of the proposed injection well.

Yours very truly,

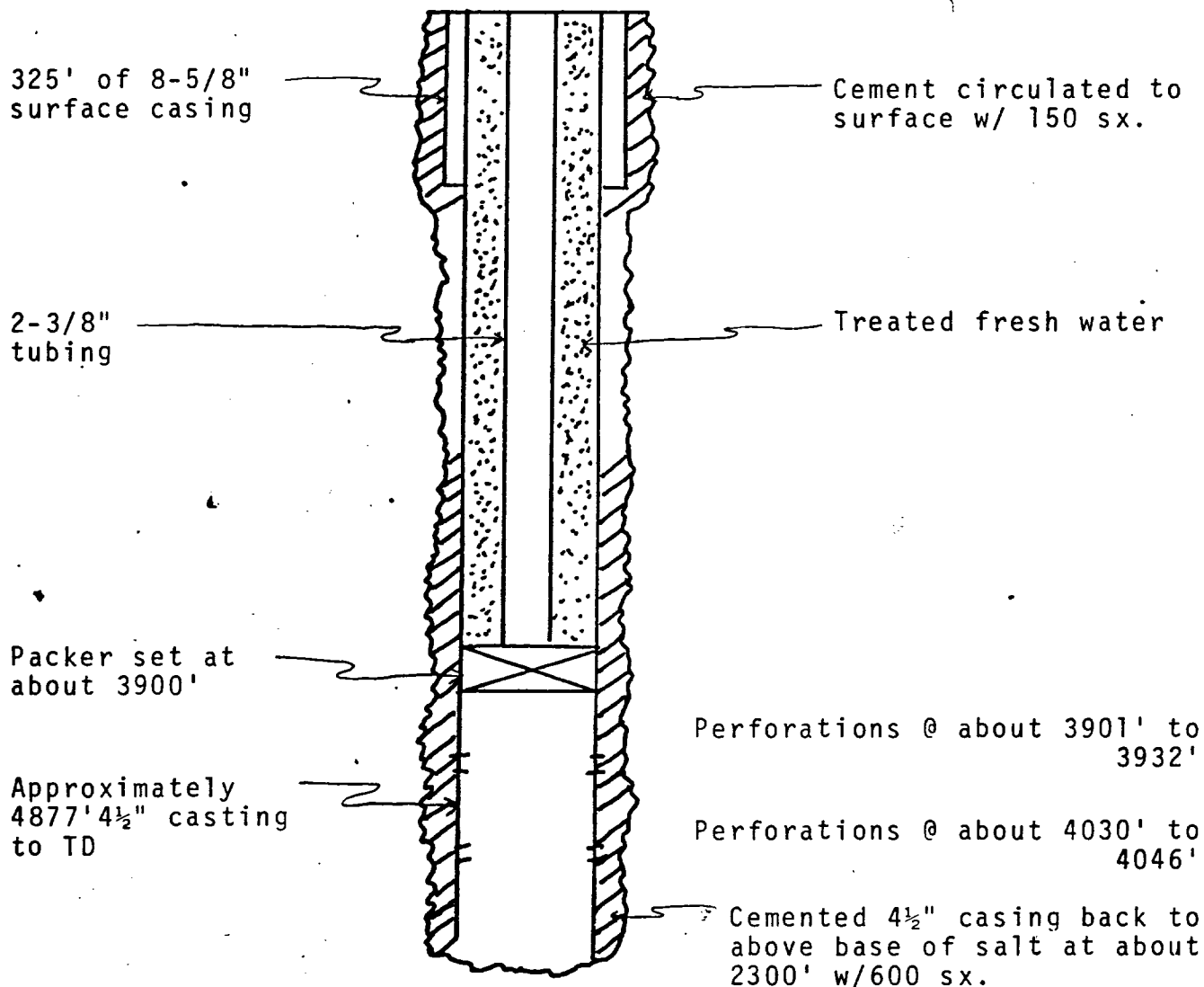
BURLESON & HUFF


Jack Huff

JH/sw

Enc:

PROPOSED BURLESON & HUFF ANADARKO FEDERAL No. 6
WATER INJECTION WELL IN QUERECHO PLAINS FIELD,
LEA COUNTY, NEW MEXICO

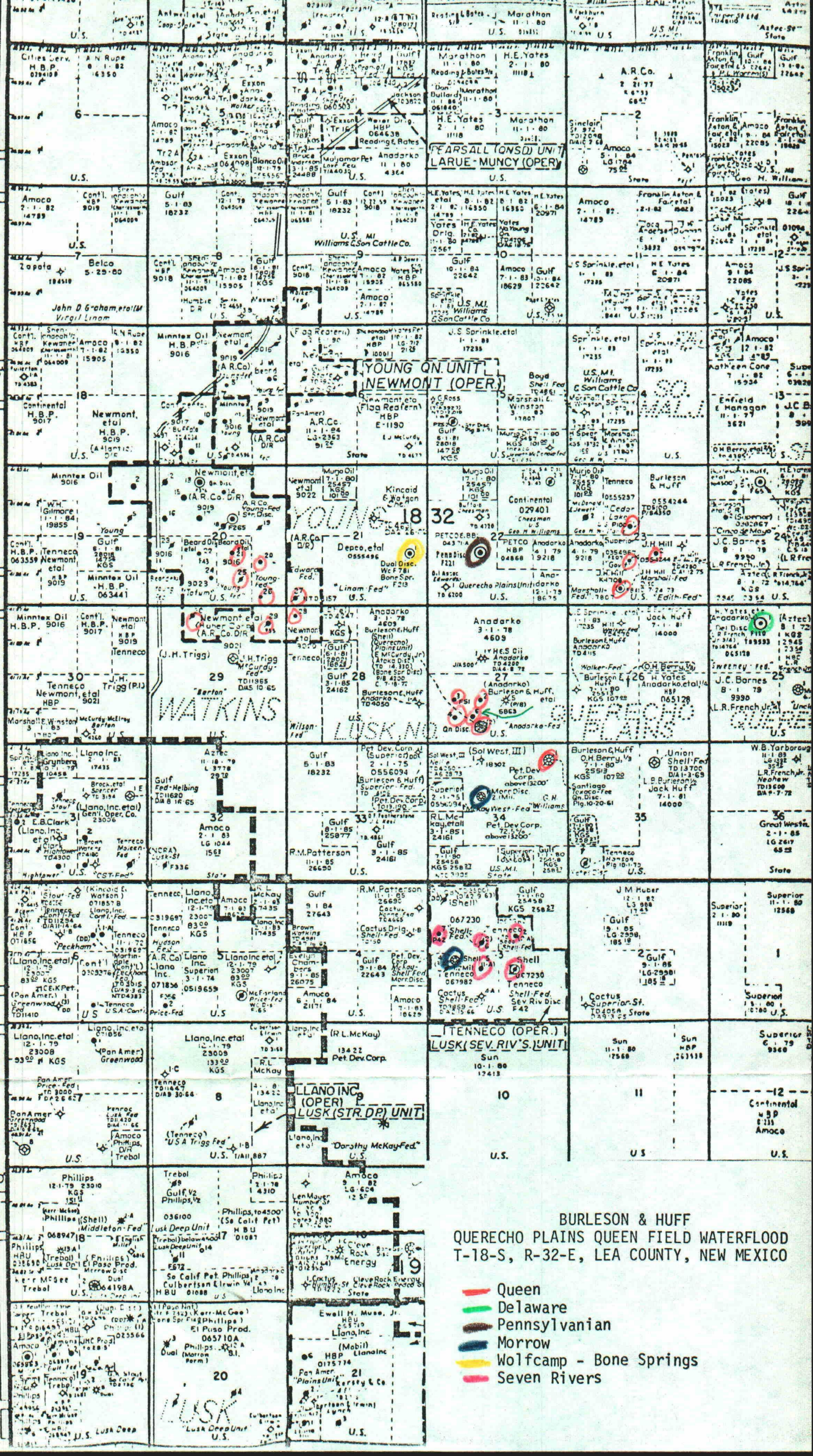


BURLESON & HUFF

QUERECHO PLAINS QUEEN FIELD WATERFLOOD

T-18-S, R-32-E, LEA COUNTY, NEW MEXICO

3245
T 18 S
3240
T 19 S



BURLESON & HUFF
QUERECHO PLAINS QUEEN FIELD WATERFLOOD
T-18-S, R-32-E, LEA COUNTY, NEW MEXICO

- Queen
- Delaware
- Pennsylvanian
- Morrow
- Wolfcamp - Bone Springs
- Seven Rivers