

PROPOSED ADVERTISEMENT

Case 1086: Application of Devon Energy Operating Corporation for Waterflood Expansion and Authorization to Inject, Eddy County, New Mexico. Applicant requests approval of the expansion of the Keel-West Waterflood Project (Grayburg-Jackson Pool) by converting seven wells to injection, located in Sections 8 and 9, Township 17 South, Range 31 East, N.M.P.M. Said area is located _____ miles _____ of _____, New Mexico.

RECEIVED

JUL 2 1996

Oil Conservation Division

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

APPLICATION OF DEVON ENERGY OPERATING
CORPORATION FOR WATERFLOOD EXPANSION
AND AUTHORIZATION TO INJECT, EDDY COUNTY,
NEW MEXICO

RECEIVED

CASE NO. 11580

APPLICATION JUL 2 1996

Oil Conservation Division

Devon Energy Operating Corporation hereby makes application for waterflood expansion and authorization to inject, and in support thereof, states:

1. Applicant is the operator of the Keel-West Waterflood Project ("the Project"), which covers all or parts of Sections 3-10 and 17, Township 17 South, Range 31 East, N.M.P.M.

2. The Project was approved by Order No. R-2268, as amended, and Administrative Orders WFX-585 and WFX-587, authorizing injection into the Grayburg-Jackson Pool.

3. Applicant seeks to expand the Project by converting seven additional wells to injection, as described below.

4. The J. L. Keel "B" 28 well, located 1980 feet from the South line and 660 feet from the East line of Section 8, has parted casing and was not properly plugged and abandoned by a prior operator. Re-entry and proper plugging of said well will be unduly expensive, with a very limited chance of success.

5. As a result of the foregoing, applicant proposes the expansion of the Project in the following manner, and with the following monitoring program:

(a) Convert the J. L. Keel "B" 12, 29, and 76 wells to injection;

(b) Use the J. L. Keel "B" 27, 46, 57, 77, 92, and 94 wells, and the H. E. West "B" 35, 80, and 89 wells, as monitor wells to evaluate reservoir performance around the J. L. Keel "B" 28 well;

(c) If no adverse response occurs as a result of injection into the wells described in subparagraph (a) above, then administratively approve the conversion of the J. L. Keel "B" 27, 46, and 77 wells, and the H. E. West "B" 35 well, to injection; and

(d) Thereafter, use the J. L. Keel "B" 57 well as the monitor well for the life of the project.

The locations of the above described wells are set forth on Exhibit A attached hereto.

6. The Form C-108 for the injection wells is being submitted to the Division separately from this application.

7. All other terms of the Division orders described in paragraph 2 above shall remain in force.

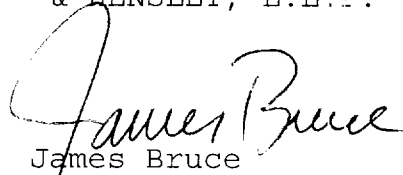
8. The granting of this application is in the interests of conservation, the prevention of waste, and the protection of correlative rights.

9. Applicant requests that this application be set for hearing on July 25, 1996.

WHEREFORE, Applicant requests that, after notice and hearing, the relief requested above be granted.

Respectfully submitted,

HINKLE, COX, EATON, COFFIELD
& HENSLEY, L.L.P.

A handwritten signature in cursive script that reads "James Bruce". The signature is written in dark ink and is positioned above the printed name.

James Bruce

Attorneys for Devon Energy
Operating Corporation

EXHIBIT A

I. PROPOSED INITIAL INJECTION WELLS

<u>WELL NAME</u>	<u>LOCATION</u>
J. L. Keel "B" 12	660' FNL & 660' FEL Section 8
J. L. Keel "B" 29	1980' FSL & 1980' FWL Section 8
J. L. Keel "B" 76	2030' FNL & 1980' FEL Section 8

II. PROPOSED INITIAL MONITOR WELLS

<u>WELL NAME</u>	<u>LOCATION</u>
J. L. Keel "B" 27	1980' FSL & 1980' FEL Section 8
J. L. Keel "B" 46	660' FSL & 660' FEL Section 8
J. L. Keel "B" 57	1980' FSL & 580' FEL Section 8
J. L. Keel "B" 77	1930' FNL & 714' FEL Section 8
J. L. Keel "B" 92	2630' FSL & 1182' FEL Section 8
J. L. Keel "B" 94	1309' FSL & 1299' FEL Section 8
H. E. West "B" 35	1980' FSL & 860' FWL Section 9
H. E. West "B" 80	1410' FSL & 193' FWL Section 9
H. E. West "B" 89	2552' FNL & 75' FWL Section 9

All wells are located in Township 17 South, Range 31 East, N.M.P.M.