



PETROLEUM PRODUCTS

PRODUCING DEPARTMENT - UNITED STATES  
MIDLAND DIVISION

TEXACO INC.  
P. O. BOX 3109  
MIDLAND, TEXAS 79701

NOV 6 1969

November 5, 1969

REQUEST FOR HEARING  
PROPOSED STATE "JD" UNIT  
WATERFLOOD PROJECT  
RHODES YATES OIL POOL  
LEA COUNTY, NEW MEXICO

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

*Case 4269*

Attention: Mr. A. L. Porter, Jr.

Gentlemen:

It is respectfully requested that a hearing be scheduled at Santa Fe, New Mexico, November 25, 1969 to consider the application of Texaco Inc., as proposed unit operator, for approval of the proposed State "JD" Unit and the Unit Agreement. The application will include a request for authority to conduct secondary recovery operations on the proposed unit by waterflooding.

The Unit Area will be comprised of the northwest quarter of Section 27, Township 26 South, Range 37 East, Lea County, New Mexico, containing a total of 160 acres. This area consists of Amerada Petroleum Corporation's 120-acre State "JA" Lease with three wells and Texaco Inc.'s 40-acre State "AD" Lease with one well. Amerada and Texaco are the only working interest owners and the State of New Mexico is the only royalty interest owner.

The four wells in the proposed unit produce from the Yates-Seven Rivers formation in the Rhodes Yates Oil Pool and this is the formation to be unitized and waterflooded. The two wells in the northwest and southeast quarters of the Unit Area will be injection wells and the two wells in the northeast and southwest quarters of the Unit Area will be producers. This unitized project will be operated in cooperation with adjacent waterflood projects.

Approximately 500 barrels of water will be injected into each of the two injection wells daily at an initial surface injection pressure estimated at 600 psi. The depth of the injection interval in the Yates-Seven Rivers formation is from approximately 2900 feet to approximately 3400 feet. The injection

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fluid is fresh water obtained from water wells in the southwest quarter of Section 9, Township 26 South, Range 37 East, Lea County, New Mexico, approximately two miles north of the proposed State "JD" Unit. Texaco is authorized to use 450 acre-feet per annum from this source by State Engineer Permits No. CP-452, CP-452-X, CP-452-X-2, CP-452-X-3, CP-452-X-4, CP-452-X-5, CP-452-X-6, and CP-452-X-7.

Included with this application for a hearing is a plat of the project area and a copy of the Unit Agreement. Following under separate cover is a larger map of the project area, a typical well log, and a diagrammatic sketch of one of the injection wells.

Offset operators to the proposed State "JD" Unit are Texaco Inc., Union Texas Petroleum Corporation, and Texas Pacific Oil Company, as shown below, each of whom is receiving a copy of this request for a hearing. Copies are also being mailed to the New Mexico State Land Commissioner and Amerada Petroleum Corporation.

Yours very truly,

Darrell Smith  
Division Manager

By   
C. L. Whigham  
Division Proration Engineer

CLW-MM  
Attachments

cc: Union Texas Petroleum Corp.  
Division of Allied Chemical  
1300 Wilco Bldg.  
Midland, Texas 79701

Texas Pacific Oil Company  
Box 4067  
Midland, Texas 79701