

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**CASE NO. 11779**

**APPLICATION OF CONOCO INC.  
FOR A PRESSURE MAINTENANCE PROJECT  
AND EOR QUALIFICATION  
LEA COUNTY, NEW MEXICO.**

**PRE-HEARING STATEMENT**

This pre-hearing statement is submitted by Conoco Inc., as required by the Oil Conservation Division.

**APPEARANCE OF PARTIES**

**APPLICANT**

Conoco, Inc.  
10 Desta Drive Ste100W  
Midland, Texas 79705  
(915) 686-6548  
attn: Jerry Hoover

**ATTORNEY**

W. Thomas Kellahin  
KELLAHIN AND KELLAHIN  
P.O. Box 2265  
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## STATEMENT OF CASE

Conoco is the proposed operator of the proposed Hardy 36 State Leasehold Pressure Maintenance Project ("new EOR Project") for water injection in the Tubb formation of the North Hardy-Tubb-Drinkard Pool.

The Project Area contains 240-acres with one injection well and four producing wells within the following described area:

Township 20 South, Range 37 East, NMPM  
Section 36: NE/4NE/4  
S/2NE/4  
N/2SE/4  
NE/4SW/4

Current primary oil recovery from the Area has been 142,700 barrels of oil from five wells. Under the current primary production phase (without pressure maintenance), ultimate oil recovery is estimated to be approximately 260,000 barrels of oil. The Project is currently producing at 83 BOPD and 28 BWPD from five active producers. Approximately 120,000 barrels of oil remain to be recovered under the current mode of operations.

Conoco seeks to increase ultimate oil recovery in this Project by means of a significant change in the process used for the displacement of crude by the initiation of the injection of water under the following described method: pressure maintenance by injection of water into the Hardy 36 State Well No 3 and with production from the Hardy State 36 Wells No. 2, 4, 18, & 19.

The estimated amount of recoverable oil attributable to a Positive Production Response from the use of enhanced oil recovery technology for this EOR Project is 135,000 barrels of additional oil.

**PROPOSED EVIDENCE**

APPLICANT:

WITNESSES		EST. TIME	EXHIBITS
_____	(geologist)	15 Min.	3 exhibits
Ray Hinchcliff	(petroleum engineer)	25 Min.	6 exhibits

**PROCEDURAL MATTERS**

None anticipated at this time

KELLAHIN AND KELLAHIN

By: 

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