



PETROLEUM PRODUCTS

Case 5947

MAY 11 1977

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe

May 10, 1977

TEXACO INC.
DRAWER 728
HOBBS, NEW MEXICO 88240

REQUEST FOR HEARING
Proposed Central Vacuum Unit
Lea County, New Mexico

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

ATTENTION: MR. JOE D. RAMEY
SECRETARY-DIRECTOR

Gentlemen:

Texaco Inc., as operator of the Proposed Central Vacuum Unit, respectfully requests that evidence be considered at an Examiner Hearing in Santa Fe, New Mexico, for an application to initiate waterflood operations in the Central Vacuum Unit.

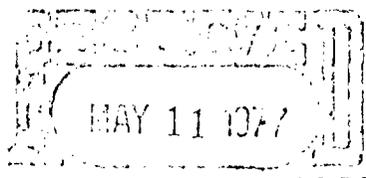
The Central Vacuum Unit's proposed waterflood area is comprised of the following:

- SE/4 of NE/4 and S/2 of Section 25, Township 17 South, Range 34 East;
- All of Section 36, Township 17 South, Range 34 East;
- All of Section 30, Township 17 South, Range 35 East;
- N/2, SW/4 and SW/4 of SE/4 of Section 31, Township 17 South, Range 35 East;
- N/2 of NE/4 of Section 12, Township 18 South, Range 34 East;
- All of Section 6, Township 18 South, Range 35 East;
- NW/4 and NW/4 of NE/4 of Section 7, Township 18 South, Range 35 East.

This area encompasses the following leases:

- Amerada Hess Corporation - State "VB"
- Atlantic Richfield Co. - State "B 1578"
- State "L DE"
- Bettis, Boyle and Stovall - State "E"
- Getty Oil Co. - State "AN"
- State "BA"
- State "J"
- Marathon Oil Co. - McCallister State





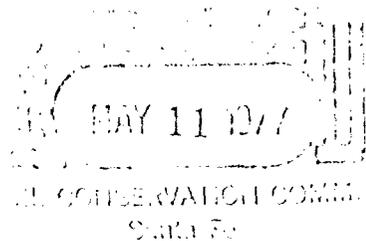
- Marathon Oil Co. - Staplin State AC-1
 - Warn State AC-1
 - Warn State AC-2
- Mobil Oil Co. - State "I"
 - State "H"
- Phillips Petroleum Co. - That portion of the "Santa Fe" lease in Section 30, Township 17 South, Range 35 East, and Section 31, Township 17 South, Range 35 East.
- Shell Oil Co. - State "A"
 - State "B"
 - State "D"
 - State "E"
 - Swigart
- Sohio Petroleum Co. - Humble State
- Sun Oil Co. - "B Lee" State
- Texaco Inc. - New Mexico "AB" State
 - New Mexico "CG" State (NCT-1)
 - New Mexico "N" State
 - New Mexico "O" State (NCT-1)
 - New Mexico "Q" State
 - New Mexico "R" State (NCT-1)
 - New Mexico "R" State (NCT-4)
 - New Mexico "T" State (NCT-1)

It is planned to implement a 40-acre five-spot flood pattern. This pattern will be developed by drilling 53 injection wells and converting 1 currently producing well to water injection. Water injection will be into the Vacuum Grayburg-San Andres formation at a depth of 3860' to 4860'. Injection will be down internally plastic-coated tubing with a packer set above the injection interval. Initial injection will be 900 barrels of water per day per well. Injection pressure will be maintained below fracture pressure. Injection water will be made up of formation water produced in the Central Vacuum Unit and fresh water from Texaco Inc. and Mobil Oil Co. water rights through supply wells in the Ogallala formation.

Attached is a plat of the Proposed Central Vacuum Unit project area showing current lease operators, a plat showing proposed well numbers, a diagrammatic sketch of a typical injection well, a type log showing proposed unitization interval, a structure map contoured on top of San Andres pay, and a list of offset operators. Detailed information and exhibits supporting this application will be presented at the hearing.

A copy of this letter is being forwarded to the Commissioner of Public Lands in Santa Fe, New Mexico, to inform them of Texaco's intention to waterflood the Central Vacuum Unit.

Case 5947



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PAGE 3

MAY 10, 1977

A copy of this letter is also being mailed to Working Interest Owners and Offset Operators.

Very truly yours,

J. V. Gannon
District Superintendent

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Attachments

Commissioner of Public Lands
Offset Operators
Working Interest Owners