

EXECUTED 11-15-62

TEXACO
INC.

PETROLEUM PRODUCTS

DOMESTIC PRODUCING DEPARTMENT

MIDLAND DIVISION



P. O. BOX 8109

MIDLAND, TEXAS

R. M. BISCHOFF, ASSISTANT DIVISION MANAGER

November 1, 1962

186150 - Cotton Draw Unit
Lea and Eddy Counties, New Mexico
APPLICATION FOR THIRTEENTH ENLARGEMENT OF THE
PARTICIPATING AREA FOR THE DELAWARE FORMATION,
EFFECTIVE APRIL 1, 1962

Director (6)
United States Geological Survey
c/o Oil and Gas Supervisor
P. O. Box 1858
Roswell, New Mexico

OIL CONSERVATION DIVISION

CASE NUMBER

Commissioner of Public Lands (3)
The State of New Mexico
Capitol Annex Building
Santa Fe, New Mexico

EXHIBIT NUMBER 4

Gentlemen:

TEXACO Inc., as Unit Operator for the Cotton Draw Unit Agreement, Contract No. 14-08-001-5247, approved by the Director of the U. S. Geological Survey, effective July 28, 1958, pursuant to the provisions of Section 11 thereof, respectfully submits for approval of the Director and the Commissioner this application for the thirteenth enlargement of the participating area for the Delaware producing formation. The participating working interest owners are in unanimous agreement on the selection of the following described lands to constitute the thirteenth enlargement, to-wit:

SW/4 NE/4 Section 10, T-25-S, R-32-E,
containing 40 acres.

In support of this application, the following numbered items are attached hereto and made a part hereof:

1. An ownership map marked Exhibit "A" showing thereon the boundaries of the unit area, unit wells completed to date, participating area as heretofore established, and the boundaries of the proposed thirteenth enlargement.
2. A schedule marked Exhibit "B" showing the lands entitled to participation in the unitized substances produced from the Delaware formation under the enlargement herein, with the percentage participation of each lease or tract indicated thereon.

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Director, U.S.G.S.
Commissioner of Public Lands

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November 1, 1962

Applicant is submitting separately a geological and engineering report supporting and justifying the proposed selection of the thirteenth enlargement.

The proposed thirteenth enlargement is predicated upon the knowledge and information first obtained upon the conclusion of a six-day production test on April 1, 1962 from Unit Well No. 60 in the SW NE Section 10, 25S-32E. Production in paying quantities under the terms of the Unit Agreement was verified by this six-day pumping test which averaged 42 BOD plus 12 BW from the interval 4728-38'.

Therefore, applicant respectfully requests that the Director and the Commissioner approve the hereinabove selection of lands to constitute the thirteenth enlargement of the participating area. The effective date of this enlargement will be April 1, 1962 in accordance with Section 11 of the Unit Agreement.

Your early approval to this application and execution in the spaces provided below will be appreciated.

Yours very truly,

TEXACO Inc.,
Unit Operator

By

R. M. Bischoff
R. M. Bischoff

BEH:bw

CC: Unit Participants

Approved

William S. Baker
Acting Director, United States Geological Survey
(Subject to like approval by the Commissioner)

Date

DEC 27 1962

Approved

E. S. Malheur
Commissioner of Public Lands
(Subject to like approval by the Director)

Date

November 15, 1962

RECEIVED
DEC 31 1962

U. S. GEOLOGICAL SURVEY
ROSWEIL, NEW MEXICO

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EXHIBIT "B"

Tract No.	Lease No.	Description	No. of Acres	Ownership	Committed Percentage	Participation
THIRTEENTH ENLARGED PARTICIPATING AREA						
✓ 19A	Federal Lease LC-061869	E/2 NE/4, E/2 NW/4, and S/2 Sec. 21, T-25-S, R-32-E	480	Panther City Investment Company USA J. A. Fairrey et al	.840 WI .125 RI .035 ORRI All All All	24,48980%
✓ 19B	Federal Lease LC-061869	W/2 NE/4 and W/2 NW/4 Sec. 21, T-25-S, R-32-E	160	Tenneco Oil Company USA Perry R. Bass et al	.7775 WI .125 RI .0975 ORRI All All All	8.16327%
✓ 19C	Federal Lease LC-061869	E/2 SE/4 Sec. 20, T-25-S, R-32-E	80	Perry R. Bass USA J. A. Fairrey et al	.840 WI .125 RI .035 ORRI All All All	4.08163%
✓ 24A	Federal Lease LC-062300 ↑ 186466	E/2 SW/4, W/2 NW/4 and W/2 -NE/4 Sec. 15, NW/4 and NW/4 SW/4 Sec. 22, N/2 N/2 and SE/4 NW/4 Sec. 28, and NE/4 NE/4 Sec. 29, T-25-S, R-32-E	680	TEXACO Inc. Pauley Petroleum Inc. USA G. E. Jordan et al	.4275 WI .4275 WI .125 RI .02 ORRI All All All All (11.821123)	34.69388%
✓ 24B	Federal Lease LC-062300 186466	W/2 SW/4 and E/2 NW/4 Sec. 15, T-25-S, R-32-E	160	Tenneco Oil Company USA TEXACO Inc. Pauley Petroleum Inc. G. E. Jordan et al	.7925 WI .125 RI .03125 ORRI .03125 ORRI .02 ORRI All All All All All	8.163
40	State Lease E-9789	SE/4 SW/4, SW/4 SE/4 and E/2 SE/4 Sec. 16, T-25-S, R-32-E	160	Tenneco Oil Company State of New Mexico	.875 WI .125 RI None None	None

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EXHIBIT "B"

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Tract No.	Lease No.	Description	No. of Acres	Ownership	Committed Percentage	Participation
<u>THIRTEENTH ENLARGED PARTICIPATING AREA (Cont'd)</u>						
21B 21A	Federal Lease LC-061936-A	E/2 SE/4 Sec. 9 and E/2 SW/4 Sec. 10, T-25-S, R-32-E	160	TEXACO Inc. Pauley Petroleum Inc. USA Emily Flint Ray	.4275 WI All .4275 WI All .125 RI All .020 ORRI All	8.16327% (3.48980%)
21B 21C	Federal Lease LC-061936-A	W/2 SW/4 Sec. 10, T-25-S R-32-E	80	Tenneco Oil Company USA TEXACO Inc. Pauley Petroleum Inc. Emily Flint Ray	.79250 WI All .125 RI All .03125 ORRI All .03125 ORRI All .020 ORRI All	4.08163% (.12755%)
21C 21A	Federal Lease LC-061936	SE/4 NW/4 and SW/4 NE/4 Section 10, T-25-S, R-32-E	80	TEXACO Inc. Pauley Petroleum Inc. USA Emily Flint Ray	.4275 WI All .4275 WI All .125 RI All .020 ORRI All	4.08163% (.12755%)
34B	State Lease E-5009-1	E/2 NE/4 Sec. 16, T-25-S R-32-E	80	Tenneco Oil Company State of New Mexico	.875 WI All .125 RI All	4.08163%

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GEOLOGICAL AND ENGINEERING REPORT

This application will include one (1) additional well within the Delaware participating area. Cotton Draw Unit Well No. 60 is located in the SW NE Section 10, 25S-32E, and was completed on November 22, 1961. This well tested 24 BOD plus 1 BW from the interval 4728-38'. The most recent test of this well is a six (6) day production test completed on April 1, 1962. The results of this test are as follows:

<u>Date</u>	<u>Hours Tested</u>	<u>Choke</u>	<u>Bbls. Oil</u>	<u>Bbls. Water</u>
3-27-62	24	16/64	33	22
3-28-62	24	18/64	44	14
3-29-62	24	18/64	33	8
3-30-62	24	32/64	50	8
3-31-62	24	32/64	50	11
4-1-62	24	32/64	41	8

The total cumulative production from the well to October 1, 1962 is 9,151 barrels. Based upon the above tests, the working interest participants unanimously accepted Unit Well No. 60 for inclusion in the participating area.

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FIFTH ENLARGED AREA - EFFECTIVE APRIL 1962