



OIL CONSERVATION DIVISION  
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1994 JUN 27 PM 8 50

June 27, 1994

State of New Mexico  
Oil Conservation Division  
P.O. Box 1980  
Hobbs, NM 88240

RE: TEMPORARY APPROVAL OF SURFACE COMMINGLING

Texaco Exploration and Production Inc.  
B. F. Harrison B Lease  
N. Teague Ellenburger, N. Teague Fusselman, N.W. Teague Devonian  
& Teague Tubb  
Section 9, T-23-S, R-37-E  
Lea County, New Mexico

Mr. Sexton,

Texaco E & P Inc. has submitted an application to surface commingle the referenced pools on the B. F. Harrison B lease to the Sante Fe office and a copy of the application has been submitted to your office. Provided that you find the application in order, we request that temporary approval be given to surface commingle.

Please indicate your approval by signing in the space provided below and returning one copy to us.

Very Truly Yours,

W. T. Lackey  
Production Engineer

APPROVED: \_\_\_\_\_

DATE: \_\_\_\_\_

*Gary Sexton*  
7-1-94



RECEIVED  
OIL CONSERVATION DIVISION  
JUN 27 1994

June 27, 1994  
State of New Mexico  
Oil Conservation Division  
P.O. Box 2088  
Sante Fe, New Mexico 87501

Attention: Mr. William J. LeMay

RE: AMENDMENT TO SURFACE COMMINGLING ORDER PC-789  
Texaco Exploration and Production Inc.  
B. F. Harrison B Lease  
N. Teague Ellenburger, N. Teague Fusselman, N.W. Teague Devonian  
& Teague Tubb  
Section 9, T-23-S, R-37-E  
Lea County, New Mexico

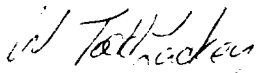
Gentlemen:

Texaco Exploration and Production Inc. respectfully requests permission to surface commingle produced hydrocarbons from the N. Teague Ellenburger, N. Teague Fusselman, N.W. Teague Devonian and Teague Tubb pools on the referenced lease. The B. F. Harrison B Well No. 25 was recently drilled and completed into the Tubb formation. The well has been given an allowable of 142 BOPD and is currently producing 25 BOPD. It is proposed to separately meter production from the Teague Tubb pool prior to surface commingling into the existing production facility.

The Ellenburger, Fusselman, Devonian and Tubb production will be metered separately prior to surface commingling by utilizing separate headers and three phase separators. Individual wells will be tested monthly through a three phase test separator. Total monthly production will be allocated to each well by the subtraction method. The oil and water from both the production and test separators will be metered by a non-reset positive displacement (Mock) meter with a sealable counter and registering mechanism. A storage tank will be used to prove the accuracy of these meters. The gas from each three phase separator will be metered by a gas turbine meter with a totalizer (Halliburton MCII) recording rate and cumulative volume before entering the gas sales line. Monthly records of beginning and ending meter readings with explanations for any meter malfunction and bad oil recycling shall be kept available for inspection.

Texaco owns a 100% working interest in all four zones. A common royalty of 12.5% applies to the four zones on this Fee lease. Plats are attached that show the location and producing zone for each well which will be surface commingled on the subject lease and for the proposed lease production facility.

Very Truly Yours,

A handwritten signature in cursive script, appearing to read "W. T. Lackey".

W. T. Lackey  
Production Engineer

Attachments

cc: Hobbs NMOCD  
Attn: Jerry Sexton

SURFACE COMMINGLING PERMIT

B. F. HARRISON B LEASE

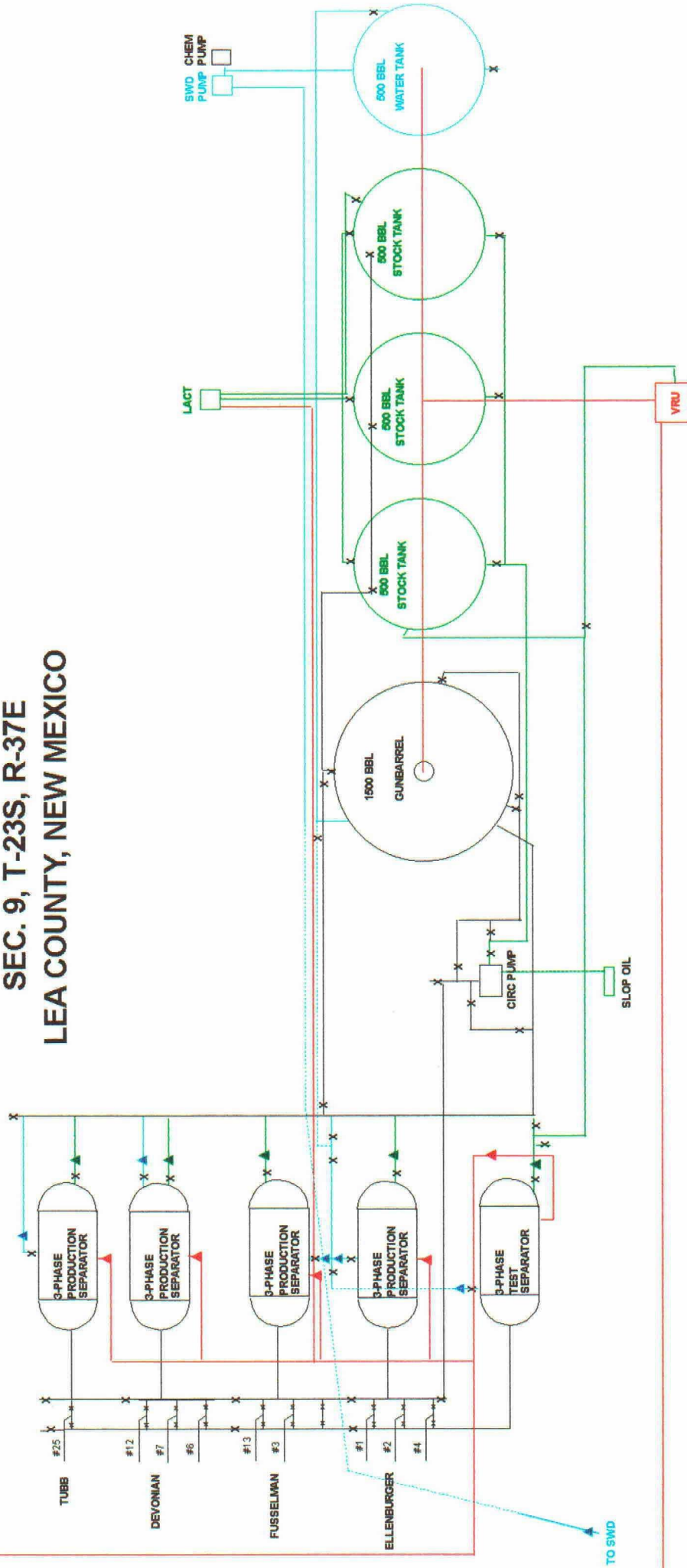
LEA COUNTY, NEW MEXICO

<u>Pool</u>	<u>Number of wells</u>	<u>API Gravity</u>	<u>Avg Prod. Bopd</u>	<u>Price \$/bbl</u>
Ellenburger	3	48.3	406	\$17.49
Devonian	2	43.2	374	\$18.00
Fusselman	3	46.1	258	\$17.82
Tubb	1	52.2	25	\$16.91
Commingled Totals/Averages:		46.06	1063	\$17.83

Estimated daily sales **before** commingling Tubb: \$18,951  
Estimated daily sales **after** commingling Tubb: \$18,953

GAS  
METER  
RUNS

# B. F. HARRISON B LEASE SWEET TANK BATTERY SEC. 9, T-23S, R-37E LEA COUNTY, NEW MEXICO



BURIED  
 OIL &/or WATER  
 OIL  
 WATER  
 GAS  
 METER

# NORTH TEAGUE FIELD

