



N/R PC AMEND

OIL CONSERVATION DIVISION  
STATE OF NEW MEXICO

REG NO 4 14 3 06

October 29, 1993  
State of New Mexico  
Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. William J. LeMay

RE: AMENDMENT TO SURFACE COMMINGLING ORDER PC-818  
Texaco Exploration & Production Inc.  
R. R. Sims 'A' Lease  
N. Teague Ellenburger, Northwest Teague Devonian and  
North Teague Fusselman Pools  
Lea County, New Mexico

Gentlemen:

Texaco Exploration & Production Inc. respectfully request an amendment to surface commingling Order PC-818 which authorized the commingling of North Teague Ellenburger and Northwest Teague Devonian Pool production. A recent completion on the R. R. Sims 'A' No. 3 resulted in a successful completion into the North Teague Fusselman Pool that is capable of producing at the top allowable rate of 230 bopd. It is proposed to separately meter production from the North Teague Fusselman Pool prior to surface commingling into the existing production facility on this lease.

The Ellenburger, Fusselman and Devonian 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-resettable 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 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.

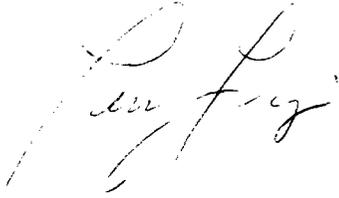
Mr. William J. LeMay

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Texaco owns a 100% working interest in all three zones on the lease. A common royalty of 12.5% applies to the three 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 "T. L. Frazier".

T. L. Frazier  
Hobbs Area Manager

DAD/s

Attachments

cc: Hobbs NMOCD  
Attn: Jerry Sexton

SURFACE COMMINGLING PERMIT

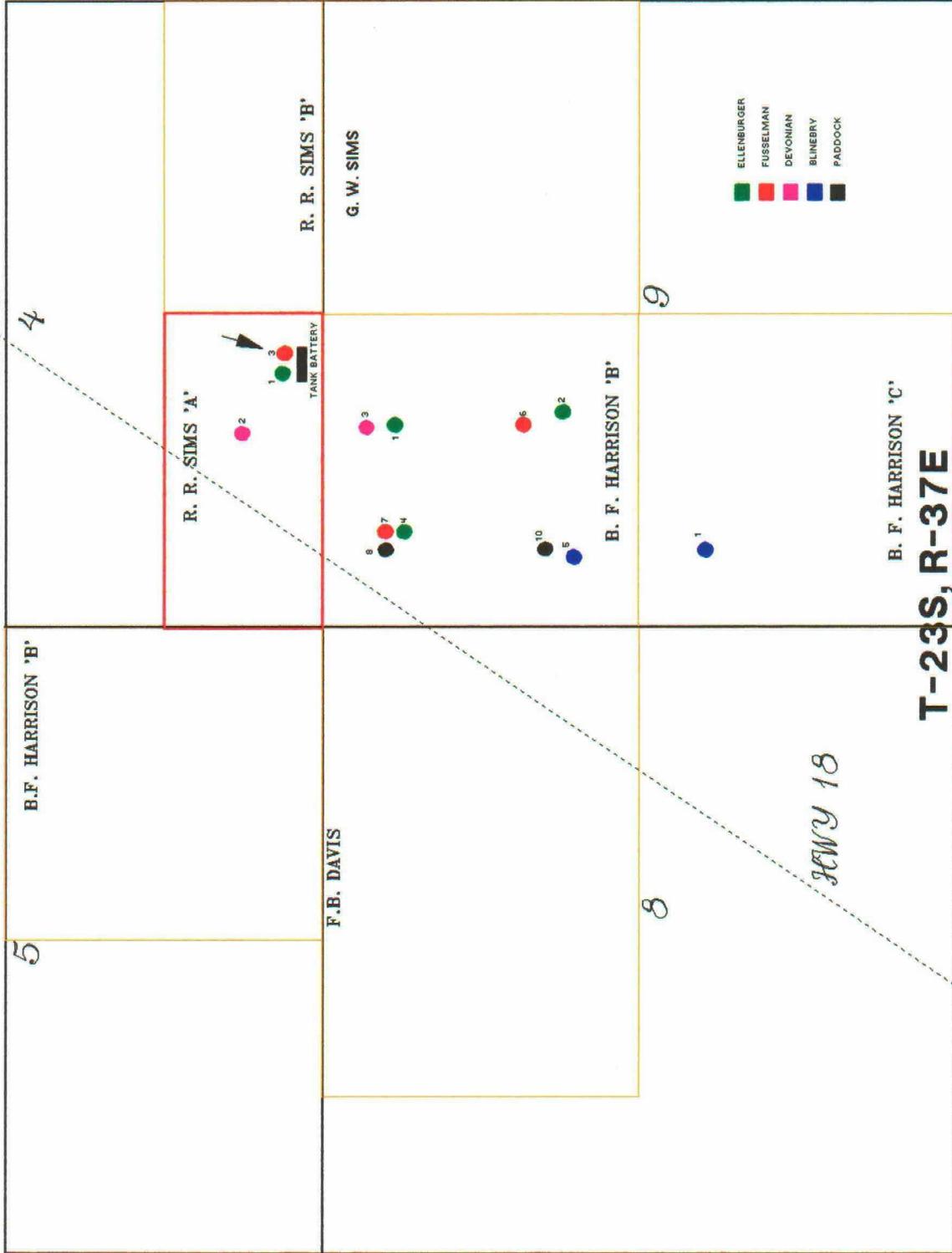
R. R. SIMS A LEASE

LEA COUNTY, NEW MEXICO

| <u>Pool</u>                 | <u>Number<br/>of wells</u> | <u>API<br/>Gravity</u> | <u>Avg Prod.<br/>Bopd</u> | <u>Price<br/>\$/bbl</u> |
|-----------------------------|----------------------------|------------------------|---------------------------|-------------------------|
| Ellenburger                 | 1                          | 48.3                   | 220                       | 15.50                   |
| Fusselman                   | 1                          | 46.1                   | 230                       | 15.86                   |
| Devonian                    | 1                          | 43.2                   | 150                       | 16.00                   |
| Commingled Totals/Averages: |                            | 46.2                   | 600                       | 15.82                   |

Estimated daily sales **before** commingling: **\$9,458**  
Estimated daily sales **after** commingling: **\$9,492**

# NORTH TEAGUE FIELD BASEMAP



**R. R. SIMS 'A' LEASE  
TANK BATTERY  
SEC. 4, T-23S, R-37E  
LEA COUNTY, NEW MEXICO**

