



DC - N/2

Oil Conservation Division
Re: 100

1993 DE 1 R PM 9 44

December 1, 1993
State of New Mexico
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Attention: Mr. William J. LeMay

RE: SURFACE COMMINGLING PERMIT APPLICATION
Texaco Exploration & Production Inc.
B. F. Harrison 'B' Lease
Southwest Teague Glorieta/Upper Paddock and Undesignated
San Andres Pools
Lea County, New Mexico

Gentlemen:

Texaco Exploration & Production Inc. respectfully request permission to surface commingle produced hydrocarbons from the Southwest Teague Glorieta/Upper Paddock and Undesignated San Andres Pool production. The B. F. Harrison 'B' No. 18 was recently completed in the San Andres formation at a rate of 20 BOPD, 117 BWPD and 550 MCFD. It is proposed to commingle this oil at the B. F. Harrison 'B' Sour tank battery with current Glorieta/Upper Paddock production of 300 BOPD.

The Glorieta/Upper Paddock and San Andres 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. Proving loops will be installed 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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December 1, 1993

Texaco owns a 100% working interest in both zones on the lease. A common royalty of 12.5% applies to both 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,



T. L. Frazier
Hobbs Area Manager

DAD/s

Attachments

cc: Hobbs NMOCD
Attn: Jerry Sexton

SURFACE COMMINGLING PERMIT

B. F. HARRISON 'B' LEASE

SOUR TANK BATTERY

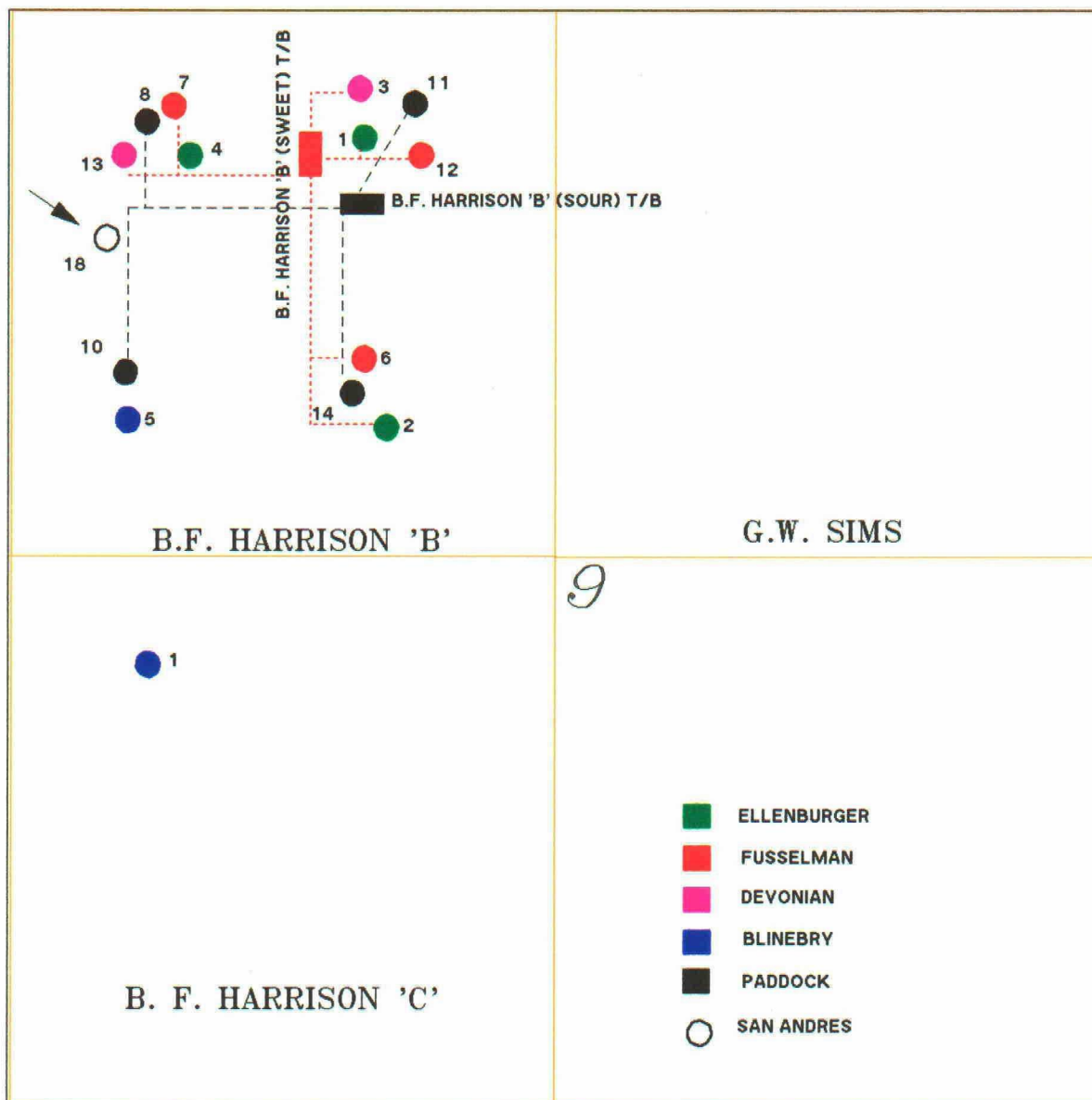
LEA COUNTY, NEW MEXICO

<u>Pool</u>	<u>Number of wells</u>	<u>API Gravity</u>	<u>Avg Prod. Bopd</u>	<u>Price \$/bbl</u>
Glorieta/U. Paddock	4	33.1	300	14.12
San Andres	1	26.8	20	12.86
Commingled Totals/Averages:		32.7	320	14.04

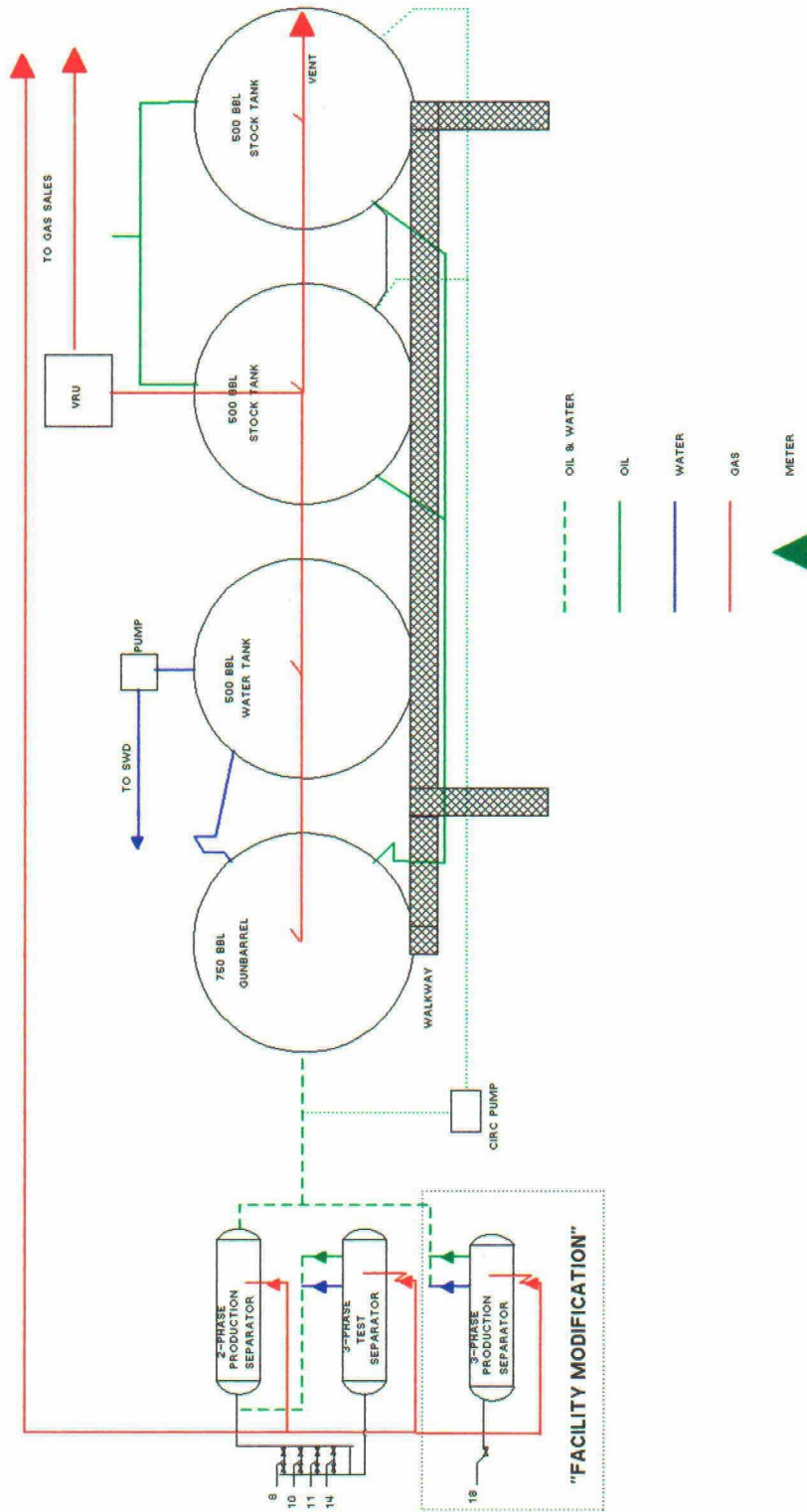
Estimated daily sales **before** commingling: **\$4,493**

Estimated daily sales **after** commingling: **\$4,493**

B.F. HARRISON 'B' LEASE SECTION 9, T-23S, R-37E LEA COUNTY, NEW MEXICO



**B. F. HARRISON 'B' LEASE
SOUR TANK BATTERY
SEC. 9, T-23S, R-37E
LEA COUNTY, NEW MEXICO**



County _____ Pool Southwest Teague Glorita - Upper Paddock

TOWNSHIP 23 South Range 37 East NMDM

6	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	