PIPER SURVEYING COMPANY

P. O. Box 6432-ATS MIDLAND, TEXAS 79711 (915) 561-9025

ILVACO 2 FOLL
JOB Section 20 T-16-S R-37-E LEA CO. NM
SHEET NO. For B.L. Eiland OF Texaco
CALCULATED BY J.S P.Per DATE 10/3/86
CHECKED BY DATE
SCALE 1"= 500

BEFORE EXAMINER STOGNION OIL CONSERVATION DIVISION IN TEMPOR EXHIBIT NO 3 N	N			
TEMO EXHIBIT NO. 3	- A A A A A		2/7	
CASE NO				
	Texaco			
NW/4 - SE/4	NORMAL LOCATION (150 From center of 1/16 Saction) of 1/16 Saction) of 1/16 Saction of 1/16 Sac	554 #2	150	77. 71.
SW/4. SE/4	TEXACO	7. 12 kg	1	Hagins Too
	"Montieth"	20	21	
Summery of Are	3 5	29	୧୫	
7.72 Acres in Moni 19.49 Acres in Sec	tion 21 (others)		Note Circle w/ radio 1052 Contains:	
27.21 Acres Total			80.00 Actes	

PROPOSED LUMPKIN "20" WELL NO. 2 Lovington Penn, Northeast Pool Lea County, New Mexico

PROPOSED OIL ALLOWABLE

Top allowable oil well = 534 BOPD

Location of closest orthodox location: 554' FSL and 554' FEL of N/2 SE/4, Section 20 (150' from center of 1/4 1/4 Section as per order Number 3816)

North-South limitation factor: 150/554' = .27 or 73% closer than standard location

East-West limitation factor: 150/554' = .27 or 73% closer than standard location

Additional Acreage drained by proposed well over standard location: 27.21 acres/80 acres = 34% additional drained area

Formula = (.27 + .27 + .66)/3 = .40

Allowable = .40 (534) = 213.6 BOPD

BEFORE EXAMINE	RSTOGNER
OIL CONSELVATION	T DIVISION

TEXACO PRODUCING INC. Proposed Lumpkin "20" Well No. 2 Lovington Penn, Northeast Pool Lea County, New Mexico

TEXACO	EXHIBIT NO	4
CASE NO	8993	

(A) COMPARISON OF PRODUCTIVE ACREAGE OR WELLS OFFSETTING THE PROPOSED LUMPKIN "20" WELL NO. 2

Higgins Trust Well No.1
(Proration Unit N/2, SW/4, Section 21)
ESTIMATED PRODUCTIVE ACREAGE: 58.1 Acres

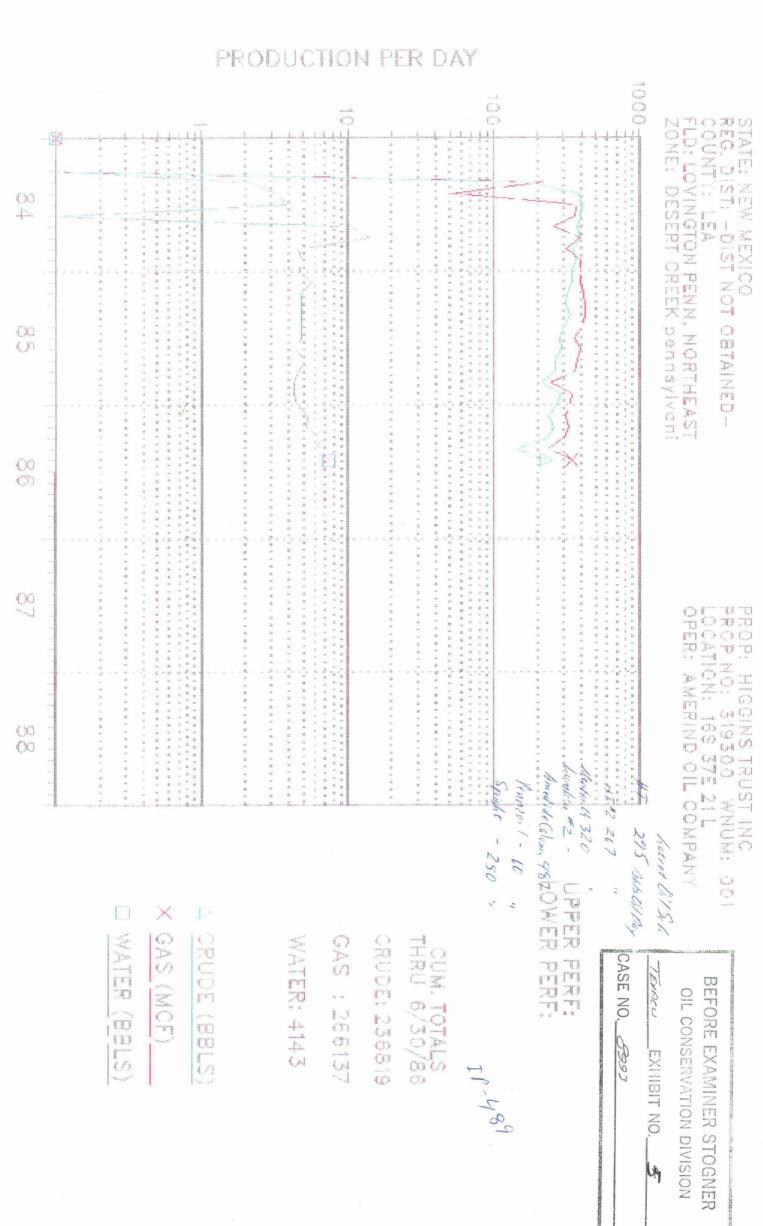
Higgins Trust Well No. 2 (Proration Unit S/2, SW/4, Section 21) ESTIMATED PRODUCTIVE ACREAGE: 50.7 Acres

H. T. Montieth Well No. 2
(Proration Unit S/2, SE/4, Section 20)
ESTIMATED PRODUCTIVE ACREAGE: 57.8 Acres

Proposed Lumpkin "20" Well No. 2 (Proration Unit N/2, SE/4, Section 20) ESTIMATED PRODUCTIVE ACREAGE: 24.7 Acres

- (B) DETERMINATION OF ALLOWABLES BASED ON A COMPARISON OF PRODUCTIVE ACREAGE
 - (1) Higgins Trust Well No. 1 = 58.1 Acres Lumpkin "20" Well No. 2 = 24.7 Acres 24.7/58.1 X 534 bopd (Top Allowable) = 227 BOPD
 - (2) Higgins Trust Well No. 2 = 50.7 Acres
 Lumpkin "20" Well No. 2 = 24.7 Acres
 24.7/50.7 X 534 bopd (Top Allowable) = 260 BOPD
 - (3) H. T. Montieth Well No. 2 = 57.8 Acres
 Lumpkin "20" Well No. 2 = 24.7 Acres
 24.7/57.8 X 534 bopd (Top Allowable) = 228 BOPD

Average = 238 BOPD

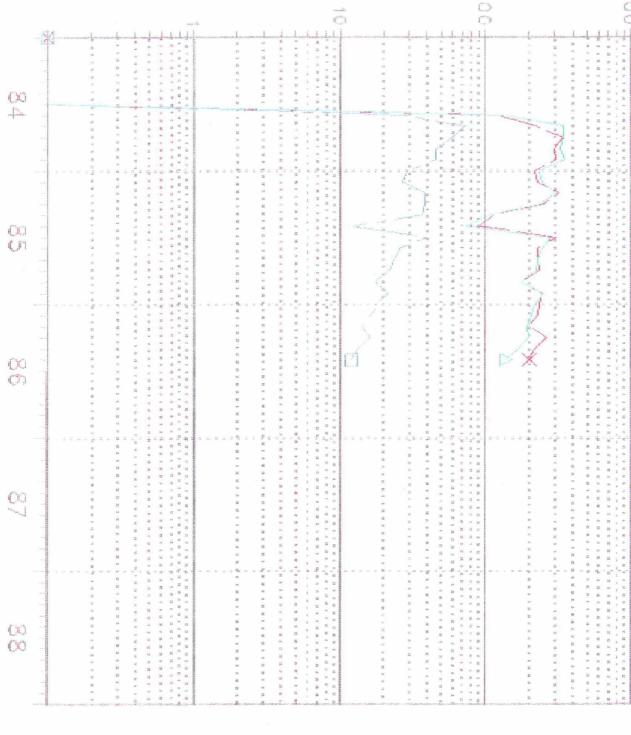








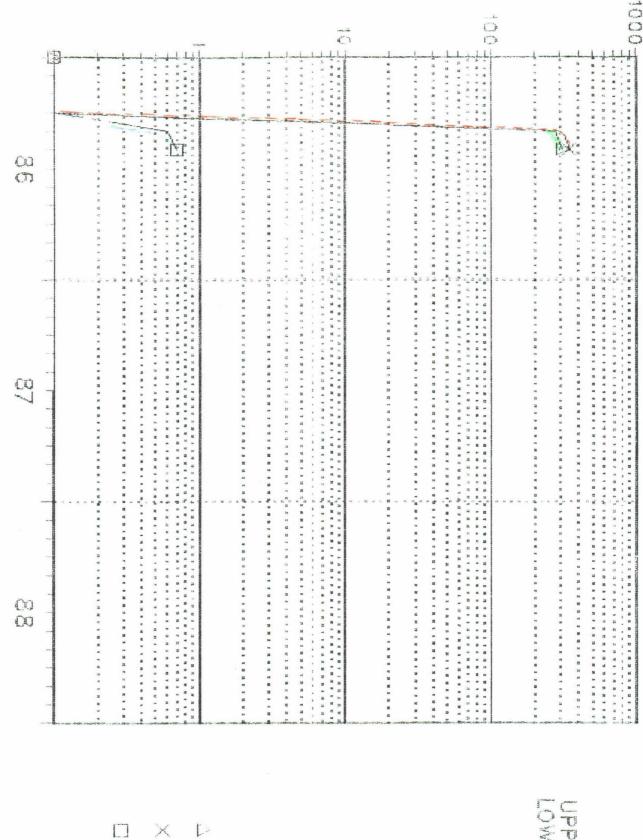




AER: 2000S

STATE: NEW MEXICO
REG. DIST: -DIST NOT OBTAINEDCOUNTY: LEA
FLD: LOVINGTON PENN, MORTHEAST
ZONE: DESERT CREEK Dannsylvani

PROP. HT MONTIETH
PROP. NO: 524695 WNUM: 002
LOCATION: 16\$ 37E 20 P
OPER: TEXACO PRODUCING CO.



PRODUCTION PER DAY

10.52

ONO · NOOMS

JACK M. CAMPBELL
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
J. SCOTT HALL
PETER N. IVES
JOHN H. BEMIS

GUADALUPE PLACE
SUITE I - 110 NORTH GUADALUPE
POST OFFICE BOX 2208

SANTA FE. NEW MEXICO 87504-2208

TELEPHONE: (505) 988-4421

TELECOPIER: (505) 983-6043

August 27, 1986

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Amerind Oil Company 500 Wilco Bldg. Midland, Texas 79701

Re: Application of Texaco, Inc. for an Unorthodox Well Location, Lea County, New Mexico

Dear Sirs:

This letter is to advise you that Texaco, Inc. has filed an application with the New Mexico Oil Conservation Division seeking approval of an unorthodox well location for its Lumpkin 20 Well No. 2 at a point 1470 feet from the South line and 150 feet from the East line of Section 20, Township 16 South, Range 37 East, N.M.P.M., Lea County, New Mexico. Texaco, Inc. proposes to complete this well in the Pennsylvanian formation, Northeast Lovington - Pennsylvanian Pool.

This application has been set for hearing before a Division Examiner on September 17, 1986. You are not required to attend this hearing, but as an offsetting interest owner, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date.

Very truly yours,

William J. Corr/sib

William F. Carr Attorney for Texaco, Inc.

WFC/ko

BEFORE EXAMINER STORMER
OIL CONSERVATION DIVISION

TEXALO
EXHIST NO. 6

CASE NO. 8993

P 307 895 521 RECEIPT FOR CERTIFIED MAIL A CONTROL MAIN MAIN MAIN A See Aeverse.

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	4. Type of Service:	Article Number
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JACK M. CAMPBELL
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
J. SCOTT HALL
PETER N. IVES

JOHN H. BEMIS

GUADALUPE PLACE
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SANTA FE, NEW MEXICO 87504-2208

TELEPHONE: (505) 988-4421

TELECOPIER: (505) 983-6043

August 27, 1986

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Sohio Petroleum Company 10 Desta Drive, Suite 600 West Midland, Texas 79705

Re: Application of Texaco, Inc. for an Unorthodox Well Location, Lea County, New Mexico

Dear Sirs:

This letter is to advise you that Texaco, Inc. has filed an application with the New Mexico Oil Conservation Division seeking approval of an unorthodox well location for its Lumpkin 20 Well No. 2 at a point 1470 feet from the South line and 150 feet from the East line of Section 20, Township 16 South, Range 37 East, N.M.P.M., Lea County, New Mexico. Texaco, Inc. proposes to complete this well in the Pennsylvanian formation, Northeast Lovington - Pennsylvanian Pool.

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Very truly yours,

William F. Carr

Attorney for Texaco, Inc.

William J. Carr/SIB

WFC/ko

P 307 895 520

RECENT FOR CENTRICO MAIL

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845	3. Article Addressed to:
	Sohio Petroleum Company 10 Desta Drive, Suite 600 West Midland, Texas 79705
	4. Type of Service: Article Number
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JACK M. CAMPBELL
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
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SANTA FE, NEW MEXICO 87504-2208

TELEPHONE: (505) 988-4421

TELECOPIER: (505) 983-6043

August 27, 1986

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Texas Crude, Inc. 2100 Texas Crude Bldg. Houston, Texas 77002

Re: Application of Texaco, Inc. for an Unorthodox Well Location, Lea County, New Mexico

Dear Sirs:

This letter is to advise you that Texaco, Inc. has filed an application with the New Mexico Oil Conservation Division seeking approval of an unorthodox well location for its Lumpkin 20 Well No. 2 at a point 1470 feet from the South line and 150 feet from the East line of Section 20, Township 16 South, Range 37 East, N.M.P.M., Lea County, New Mexico. Texaco, Inc. proposes to complete this well in the Pennsylvanian formation, Northeast Lovington - Pennsylvanian Pool.

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Very truly yours,

William F. Carr

Attorney for Texaco, Inc.

William J. Carr/SIB

WFC/ko

P 307 895 522

PECEIPT PC P CERTIFIED MAIL

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JACK M. CAMPBELL
BRUCE D. BLACK
MICHAEL B. CAMPBELL
WILLIAM F. CARR
BRADFORD C. BERGE
J SCOTT HALL
PETER N. IVES
JOHN H. BEMIS

GUADALUPE PLACE
SUITE I - 110 NORTH GUADALUPE
POST OFFICE BOX 2208

SANTA FE, NEW MEXICO 87504-2208
TELEPHONE: (505) 988-4421

TELECOPIER: (505) 983-6043

August 27, 1986

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Pennzoil Company
P. O. Box 1828
Midland, Texas 79702

Re: Application of Texaco, Inc. for an Unorthodox Well Location, Lea County, New Mexico

Dear Sirs:

This letter is to advise you that Texaco, Inc. has filed an application with the New Mexico Oil Conservation Division seeking approval of an unorthodox well location for its Lumpkin 20 Well No. 2 at a point 1470 feet from the South line and 150 feet from the East line of Section 20, Township 16 South, Range 37 East, N.M.P.M., Lea County, New Mexico. Texaco, Inc. proposes to complete this well in the Pennsylvanian formation, Northeast Lovington - Pennsylvanian Pool.

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Very truly yours,

William F. Carr

Attorney for Texaco, Inc.

William F. Carr/SIB

WFC/ko

P 307 895 523

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P. O. Box 1828	114
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DOMESTIC RETURN RECEIP	Always obtain signature of at DATE DELIVERED. 5. Signature – Addresses X 6. Signature – Agent X 7. Date of Delivery	9-86 Y if requested and fee paid)