STATE OF NEW MEXICO

OLL CONSE : N DIV.

P. C. & 2088

SANTA FE, YEW MEXICO

1 87501

ADMINISTRATIVE ORDER NFL 77

INFILL DRILLING FINDINGS PURSUANT TO SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978 AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A

rator Texaco Inc.	Well Name and No. New	Mexico "H" State NCT-2 Well No.
ation: Unit B Sec. 20 Twp. 20 S		
DIVISION FINDS:		
That Section 271.305(b) of the Federsuant to the Natural Gas Policy Act of a new onshore production well under Secill well is necessary to effectively at the proration unit which cannot be so	1978 provides that, in o stion 103 of said Act, th nd efficiently drain a po	rder for an infill well to qualif e Division must find that the rtion of the reservoir covered
That by Order No. R-6013-A, dated Fel cedure whereby the Division Director as ision and find that an infill well is	nd the Division Examiners	ion established an administrative are empowered to act for the
That the well for which a finding is	sought is completed in t	he Eumont-Yates Seven Rivers Quee
Gas Pool, and the standard space	ing unit in said pool is	640 acres
That a 480 -acre prorat:	Lon unit comprising the	NW/4, NE/4 and SW/4
Sec. 20 , Twp. 20 South , Rng.	37 East , is currently d	edicated to the New Mexico "H"
State NCT-2 Well No. 26 located in	Unit C of said	section.
That this proration unit is () standarded by Order No. NSP-21	iard (X) nonstandard; if	nonstandard, said unit was previo
That said proration unit is not being l(s) on the unit.	y effectively and efficie	ntly drained by the existing
That the drilling and completion of		
production of an additional $1,183,000$ erwise be recovered.) MCP of gas from t	he proration unit which would not
That all the requirements of Order Newhich a finding is sought is necessary ervoir covered by said proration unit to.	y to effectively and effi	ciently drain a portion of the
That in order to permit effective and lication should be approved.	i efficient drainage of s	aid proration unit, the subject
IS THEREFORE ORDERED:		
That the applicant is hereby authoricall well on the existing proration unitinfill drilling granted by this order ervoir covered by said proration unit existing well thereon.	t described in Section II is necessary to permit t	(4) above. The authorization he drainage of a portion of the
That jurisdiction of this cause is raision may deem necessary.	etained for the entry of	such further orders as the .
E at Santa Fe, New Mexico, on this 1 S	day of August	, 19 <u>83</u>
*Remarks: Subject well has subsequent approval for a 160-acre non-standard proration unit comprising the NE/4 of said Sec. 20. See OCD Administrative Order NSP-1302	DIVISION DIRECTOR	Mes

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT .

I.

OIL CONSERVATION DIVISION P. O. BOX 2088 SANTA FE, NEW MEXICO 87501

Reces	vel	Oct	15,	1982	
ADMIN	IST	RAT	IVE	ORDER	ŀ
NFL		77		·	

INFILL DRILLING FINDINGS PURSUANT TO SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978 AND OIL CONSERVATION DIVISION ORDER NO. R-6013-A

Operator Texaco Inc. Well Name and No. New Mexico "H" State NCT-2 Well No	,30
Location: Unit B Sec. 20 Twp. 20 South Rng. 37 East Cty. Lea	<u> </u>
II. THE DIVISION FINDS:	
(1) That Section 271.305(b) of the Federal Energy Regulatory Commission Regulations promulgate pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to quas a new onshore production well under Section 103 of said Act, the Division must find that the infill well is necessary to effectively and efficiently drain a portion of the reservoir covere by the proration unit which cannot be so drained by any existing well within that unit.	alify
(2) That by Order No. R-6013-A, dated February 8, 1980, the Division established an administra procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.	tive
(3) That the well for which a finding is sought is completed in the Funent - Vates Seven Rivers (4))ucen
	cres.
(4) That a 480 -acres proration unit comprising the wwy, NE/4, and SW/4	
of Sec. 20 , Twp. 20 South , Rng. 37 East , is currently dedicated to the New Mexico"H	"
State NET-2 Well No. 26 located in Unit C of said section.	- 41, 31
(5) That this proration unit is () standard (k) nonstandard; if nonstandard, said unit was prapproved by Order No. NSP-21	evious
(6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.	
(7) That the drilling and completion of the well for which a finding is sought should result i	n 1
the production of an additional $1/83,000$ MCF of gas from the proration unit which would otherwise be recovered.	not
(8) That all the requirements of Order No. R-6013-A have been complied with, and that the well for which a finding is sought is necessary to effectively and efficiently drain a portion of th reservoir covered by said proration unit which cannot be so drained by any existing well within unit.	e
(9) That in order to permit effective and efficient drainage of said proration unit, the subjeapplication should be approved.	ct
IT IS THEREFORE ORDERED:	
(1) That the applicant is hereby authorized to drill the well described in Section I above as infill well on the existing proration unit described in Section II(4) above. The authorization for infill drilling granted by this order is necessary to permit the drainage of a portion of treservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.	he
(2) That jurisdiction of this cause is retained for the entry of such further orders as the . Division may deem necessary.	
DONE at Santa Fe, New Mexico, on this day of, 19	
	•
DIVISION DIRECTOR EXAMINER	
* Remarks: Subject well and has adversagentable subsequently received and the approval for a 160-acre non	4.4
providion unit comprising the NEIN of said Section 20. Sec N.M.O.C.D. Alministrations Order No.	NSP-13
duted April 19,1982.	
11. Holle OLD , and Well File	

The first operators of 0000 Facility of the cast of the same of the sa 11. 3 \$6×11 1.1 3. 4. 4. 1. (A. 16. 80%) 1. (A. 16. 80%) 1. (A. 16. 80%) 1,1 12,1 54, 14,1 いのショ r. Table 110 more than 1871 and 1 0 000

1000年

SAULES ... THE STATE OF THE S STATE OF THE COLUMN TO SERVICE OF THE SERVICE OF TH 300 35 B3

. . .

. 3% 39



PRODUCING DEPARTMENT

TEXACO
U.S.A.
A DIVISION OF TEXACO INC.
P. O. BOX 3109
MIDLAND, TEXAS 79702

NGPA WELL PRICE CATEGORY DETERMINATION SECTION 103

WELL NAME: NEW MEXICO "H" STATE NCT-2

NO. 30

FIELD: EUMONT YATES, SEVEN RIVERS QUEEN

COUNTY: LEA, NEW MEXICO

Oil Conservation Division Energy and Minerals Department P.O. Box 2088 Santa Fe, New Mexico 87501

Gentlemen:

Reference is made to the subject filing dated <u>April 1, 1982</u>. Texaco hereby submits the following documents to supplement and amend this Determination of Category Filing.

- 1. Amended C-132
- 2. Amended Oath
- 3. Documents Pursuant to NMOCD order No. R-6013-A

We would appreciate your affixing the Commission date stamp to the said extra copy of this letter and returning it in the attached stamped, self-addressed envelope as acknowledgment of receipt of this application.

Yours very truly,

TEXACO INC.
TEXACO U.S.A.-PRODUCING

R.V. Shoemaker

Gas Engr. & Sales Manager

Midland Division

OJP:sb Enclosure NGPA

NEW MEXICO "H" STATE NCT-2 NO. 30-B EUMONT-YATES, SEVEN RIVERS QUEEN LEA COUNTY, NEW MEXICO

The New Mexico "H" State NCT-2 Well No. 30 located in the NE/4 of Section 20, Township 20S, Range 37E is the only well in that proration unit producing from the Eumont Yates, Seven Rivers Queen. Wells No. 3,6,8 and 15 located in that same NE/4 are oil wells producing from other zones. Well No. 20 is a SWD Well, owned and operated by Rice Engineering and Operations, Inc.

OJP:sb

Midland, Texas September 20, 1982

PRO - RESERVES
REQUEST FOR INFORMATION
NEW MEXICO H STATE WELL NO. 30
30A 20 20S 37E
NEW MEXICO H STATE WELL NO. 31
31L 20 20S 37E
LEA COUNTY, NEW MEXICO
OJP:cam

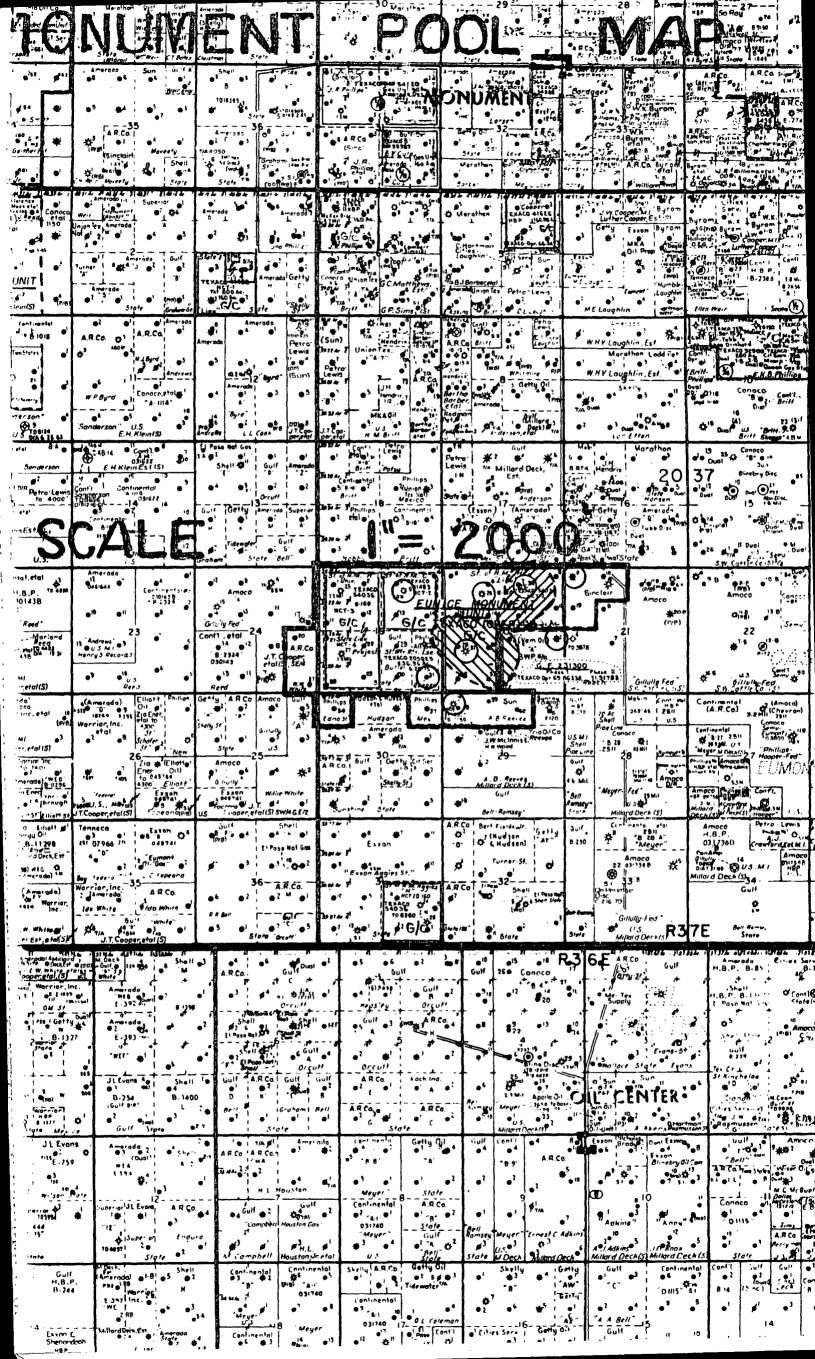
Mr. R. V. Shoemaker Building

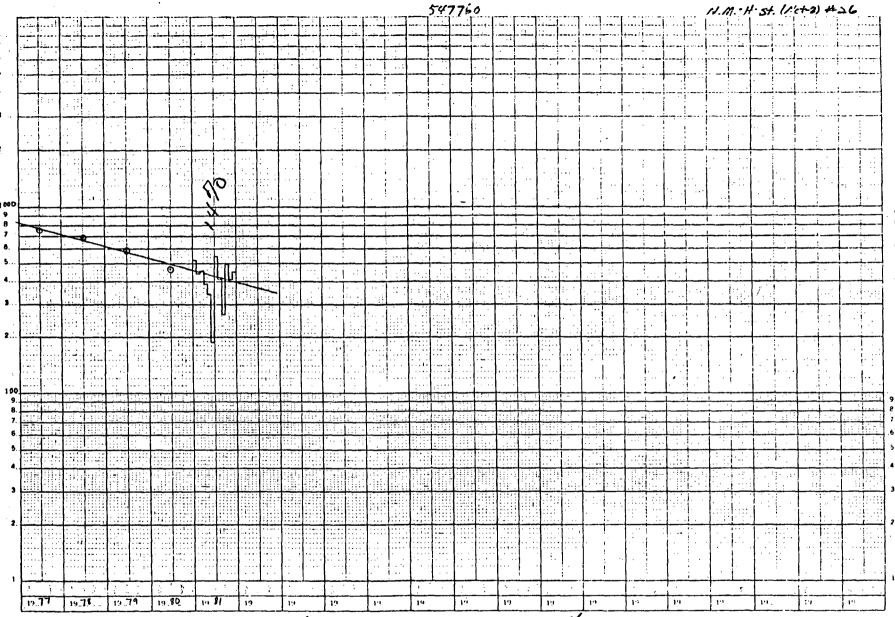
The following information has been developed for the subject wells as requested in your letter dated September 17, 1982:

- 1. The estimated gas in place under the original proration unit is 14,470 MMCF.
- 2 Gas that will be recovered by the New Mexico H State Well No. 30 is 1,183 MMCF and New Mexico H State Well No. 31 is 800 MMCF that will not be recovered by New Mexico H State Well No. 26.
- 3. The estimated drainage radius is 1220 feet for Well No. 30 and 1572 feet for Well No. 31.
- 4. Documents used to obtain this information are
 - a. Location maps of Sec. 20 T-20-S R-37-E Lea County, New Mexico
 - b. Production reports from the New Mexico Oil and Gas Engineering Committee
 - Production performance curve for the New Mexico H State Well No. 26.
- 5. The original completion in this proration unit, New Mexico H State Well No. 26, has low productivity and is not effectively draining the entire proration unit.

JAMES W. COX

HWS/pw





INITIAL RATE = 395 MCF/D

DECLINE RATE = 14 %

FINAL RATE = 10.4 MCF/D

1-1-82 REMAINING RESERVES = (395-10.4) 2420 = 931 MMCF @ 15.025

NEW MEXICO H STATE WELL NO 30
AUGUST 1982 PRODUCTION = 15,163 MCF = 499 MCFD
REMAINING RESERVES = (499-10.3) 2420 = 1183 MMCF
ASSUMING A 14 TO DECLINE SIMILIAR TO WELL NO 26
NEW MEXICO H STATE WELL NO 31
PRODUCED 2004 MCF IN 6 DAYS DURING AUGUST 198
AVERAGE GAS RATE = 341 MCFD
LEMAINING RESERVES = (341-10.3)2420 = 800 MMCF
ASSUMING A 14% DECLINE

Otom No. 1			·			
						•
,				46		
NEW MEXICO	H STATE	WELL	10 26 (OMULATIVE	= 8662 A	ny
			R	EMAINING =	931	MM
		WELL NO	30 RE	MAINING	= 1183	MM
		WELL NO	_			
		TOTAL 7	O RECOV	ER =	11,576	6 MA
As	SUME AN	80% K	PECOVERY	FAC10 R		
	INAL GAS 1.					n m
	,, <u>., ., ., ., ., ., ., ., ., ., ., ., ., .</u>			·	· · · · · · · · · · · · · · · · · · ·	
		·				
	<u>.</u>		·	:		
		· · · · · · · · · · · · · · · · · · ·				
						 -
·						
		, .		·		
	· · ·					
,						
			<u> </u>	· · · · · · · · · · · · · · · · · · ·		
	<u> </u>					
			·			

28-21-6 28-21-6

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE NO. 833 Order No. R-599

THE APPLICATION OF THE COMMISSION UPON ITS OWN MOTION, DIRECTED TO THE TEXAS COMPANY, FOR RECONSIDERATION OF ADMINISTRATIVE ORDER NSP-21 WHICH CREATED A NON-STANDARD GAS PRORATION UNIT IN THE EUMONT GAS POOL CONSISTING OF THE NW/4, NE/4, AND SW/4 OF SECTION 20, TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 16, 1955, at Santa Fe, New Mexico, before the Oil Conservation Commission, hereinafter referred to as the "Commission".

NOW, on this 28th day of February 1955, the Commission, a quorum being present, having considered the records and testimony adduced, and being fully advised in the premises,

FINDS:

- (1) That due notice of the time and place of hearing and the purpose thereof having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.
- (2) That pursuant to provisions of Rule 5 (a) of the Special Rules and Regulations for the Eumont Gas Pool of Order No. R-520, the Commission has power and authority to permit the formation of a gas proration unit consisting of other than a legal section after notice and hearing by the Commission.
- (3) That applicant, The Texas Company, is the owner of an oil and gas lease in Lea County, New Mexico the land consisting of other than a legal section, and described as follows, to-wit:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM NW/4, NE/4, and SW/4 of Section 20

containing 480 acres, more or less.

- (4) That applicant, The Texas Company, has a producing well on the aforesaid lease known as State "H" Lieu (NCT-2) Well No. 26, located 992 feet from the north line and 1654 feet from the west line of Section 20, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico.
- (5) That the above-described 480-acre non-standard gas proration unit has been producing under the provisions of Administrative Order NSP-21, and that the Texas Company was required to, and did, show cause why this 480-acre proration unit should not be reduced in size.
- (6) That it is impractical to pool applicant's said lease with adjoining acreage in the Eumont Gas Pool, and that the owners of adjoining acreage in said area have not objected to the formation of the proposed proration unit of 480-acres.
- (7) That unless a proration unit consisting of applicant's aforesaid acreage is permitted, applicant will be deprived of the opportunity to recover its just and equitable share of the natural gas in the Eumont Gas Pool.
- (8) That creation of a proration unit consisting of the aforesaid acreage will not cause but will prevent waste, and will protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the application of The Texas Company for approval of an unorthodox proration unit consisting of the following described acreage:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM NW/4, NE/4, and SW/4 of Section 20

Coruman School

be and the same is hereby approved, and a proration unit consisting of aforesaid acreage is hereby created.

(2) That applicant's well, State "H" Lieu (NCT)-2 Well No. 26, located in the NE/4 NW/4 of Section 20, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, shall be granted an allowable in the proportion that the above described 480-acre unit bears to the standard or orthodox proration unit for said pool, all until further order of the Commission.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

W. B. MACEY, Member and Secretary

SEAL



GOVERNOR

LARRY KEHOE

SECRETARY

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

April 19, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Texaco Inc.
P. O. Box 3109
Midland, Texas 79702

Attention: James W. Cox

Administrative Order NSP-1302

Gentlemen:

Reference is made to your application for a 160-acre non-standard proration unit consisting of the NE/4 of Section 20, Township 20 South, Range 37 East, NMPM, to be dedicated to the New Mexico "H" State NCT-2 Well No. 30 and a 320-acre non-standard proration unit consisting of the NW/4 and the SW/4 of said Section 20 to be simultaneously dedicated to your New Mexico "H" State NCT-2 Wells Nos. 26 and 31 both located in Section 20, Eumont Gas Pool, all in Lea County, New Mexico.

Further, you are hereby permitted to produce the allowable from the two simultaneously dedicated wells on the proration unit in any proportion. By authority granted me under the provisions of Rule 5(c)(3) of Order No. R-1670, the above non-standard proration units are hereby approved.

Sincerely,

JOE D. RAMEY, Director

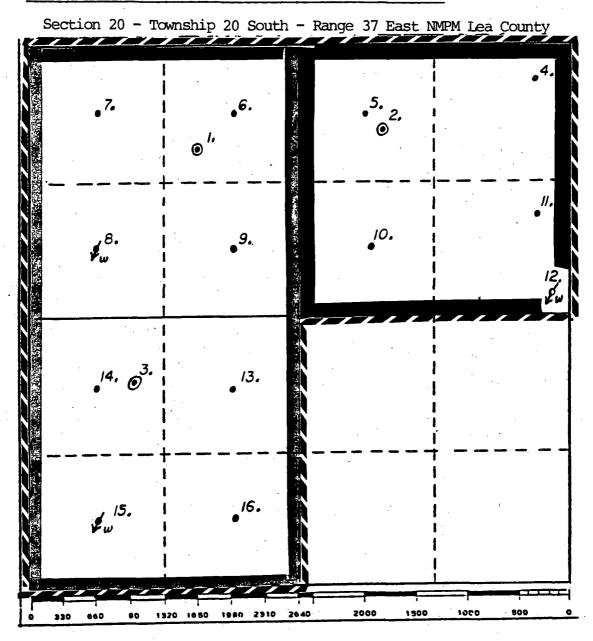
JDR/RLS/dr

cc: Oil Conservation Division - Hobbs

Oil & Gas Engineering Committee - Hobbs

Oil & Gas Division - State Land Office - Santa Fe

Texaco Inc. New Mexico "H" State NCT-2 Well No. 26.



- Eumont Yates Seven Rivers Queen Producer
- Eunice Monument Grayburg San Andres Producer
- $\slash\hspace{-0.4em} \not =_{\sf lw}$ Converted Water-Injection Well Eunice Monument Grayburg San Andres
- ϕ_w Drilled Water-Injection Well Eunice Monument Grayburg San Andres

NSP-1302, 160 Acres Dedicated to the N.M. "H" State NCT-2 Well No. 30

NSP-1302, 320 Acres Simultaneously Dedicated to the N.M. "H" State NCT-2 Well No. 31 and the N.M. "H" State NCT-2 Well No. 26

New Mexico "H" State NCT-2 Well No. 26 992' FNL - 1654' FWL in Unit C Spud: February 26, 1954 Cumulative Production as of the end of 1981:

> OBO 8661588 MCF

Note: NSP-21 gave authorization for a 480 acre non-standard proration unit conisting of the N/2 and SW/4 of Section 20 to be dedicated to this well was approved February 28, 1955.

2) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 30 851' FNL- 1825' FEL in Unit B Spud: February 10, 1982

Note: NSP -1302 gave authorization for a 160 acre non-standard proration unit consisting of the NE/4 of Section 20 to be dedicated to this well was approved April 19, 1982 (application dated March 15, 1982 and received March 19, 1982).

3) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 31 1980' FSL - 990' FWL in Unit L Spud: March 11, 1982 Notice of Gas Connect: August 24, 1982

Note: NSP-1302 also gave authorization for a non-standard proration unit consisting of the W/2 of Section 20 to be simultaneously dedicated to this well and to the New Mexico "H" State NCT-2 Well No. 26 was approved April 19, 1982 (application dated March 15, 1982 and received March 19, 1982).

4) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 3, changed to Eunice Monument Unit Well No. 8, effective August 1, 1969 330' FNL - 330' FEL in Unit A Spud: June 10, 1936

5) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 6, changed to Eunice Monument Unit Well No. 7, effective August 1, 1969 660' FNL - 1980' FEL in Unit B Spud: March 2, 1937

New Mexico "H" State NCT-2 Well No. 7, changed to Eunice Monument Unit Well No. 6, effective August 1, 1969 660' FNL - 1980' FWL in Unit C Spud: April 3, 1937

7) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 11, changed to Eunice Monument Unit Well No. 5, effective August 1, 1969 660' FNL - 660' FWL in Unit D Spud: June 5, 1937

8) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 22, changed to Eunice Monument Unit Well No. 15, effective Ausut 1, 1969 1980' FNL - 660' FWL in Unit E Spud: June 27, 1940 Converted to Water - Injection Well December 11, 1970 Cumulative Production:

208413 BO 360906 MCF

9) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 20, changed to Eunice Monument Unit Well No. 16, effective August 1, 1969 1980' FNL - 1980' FWL in Unit F Spud: January 5, 1940

10) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 15, changed to Eunice Monument Unit Well No. 17, effective August 1, 1969 1980' FNL - 1980' FEL in Unit G Spud: August 18, 1938

11) Texaco, Inc.

New Mexico: H: State NCT-2 Well No. 8, changed to Eunice Monument Unit Well No. 18, effective August 1, 1969 1650' FNL - 330' FEL in Unit H Spud: May 4, 1937

12) Rice Engineering and Operating, Inc.
Eunice - Monument - Eumont SWD Well No. H-20, changed to
E-M-E SWD "H" Well No. 20, effective August 7, 1981.
2475' FNL - 165' FEL in Unit H
Spud: June 16, 1959

New Mexico "H" State NCT-2 Well No. 16, changed to Eunice Monument Unit Well No. 26, effective August 1, 1969 1980' FSL - 660' FWL in Unit K Spud: January 13, 1939

14) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 23, changed to Eunice Monument Unit Well No. 25, effective August 1, 1969 1980' FSL - 660' FWL in Unit L Spud: August 18, 1940

15) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 12, changed to Eunice Monument Unit Well No. 32, effective August 1, 1969 660' FSL - 660' FWL in Unit M Spud: June 29, 1937 Converted to Water Injection Well December 20, 1970 Cumulative Production

190784 BO 541864 MCF

16) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 29, changed to Eunice Monument Unit Well No. 33, effective August 1, 1969 660' FSL - 1980' FWL in Unit N Spud: January 14, 1966



PRODUCING DEPARTMENT

TEXACO
U.S.A.
A DIVISION OF TEXACO INC.
P. O. BOX 3109
MIDLAND, TEXAS 79702

NGPA
WELL PRICE CATEGORY DETERMINATION
SECTION 103

WELL NAME: NEW MEXICO "H" STATE NCT-2

NO. 30

FIELD: EUMONT YATES, SEVEN RIVERS QUEEN COUNTY: LEA, NEW MEXICO

Oil Conservation Division Energy and Minerals Department P.O. Box 2088 Santa Fe, New Mexico 87501

Gentlemen:

Reference is made to the subject filing dated <u>April 1, 1982</u>. Texaco hereby submits the following documents to supplement and amend this Determination of Category Filing.

- 1. Amended C-132
- 2. Amended Oath
- 3. Documents Pursuant to NMOCD order No. R-6013-A

We would appreciate your affixing the Commission date stamp to the said extra copy of this letter and returning it in the attached stamped, self-addressed envelope as acknowledgment of receipt of this application.

Yours very truly,

TEXACO INC.
TEXACO U.S.A.-PRODUCING

R.V. Shoemaker

Gas Engr. & Sales Manager

Midland Division

OJP:sb Enclosure NGPA

NEW MEXICO "H" STATE NCT-2 NO. 30-B EUMONT-YATES, SEVEN RIVERS QUEEN LEA COUNTY, NEW MEXICO

The New Mexico "H" State NCT-2 Well No. 30 located in the NE/4 of Section 20, Township 20S, Range 37E is the only well in that proration unit producing from the Eumont Yates, Seven Rivers Queen. Wells No. 3,6,8 and 15 located in that same NE/4 are oil wells producing from other zones. Well No. 20 is a SWD Well, owned and operated by Rice Engineering and Operations, Inc.

OJP:sb

Midland, Texas September 20, 1982

PRO - RESERVES
REQUEST FOR INFORMATION
NEW MEXICO H STATE WELL NO. 30
30A 20 20S 37E
NEW MEXICO H STATE WELL NO. 31
31L 20 20S 37E
LEA COUNTY, NEW MEXICO
OJP:cam

Mr. R. V. Shoemaker Building

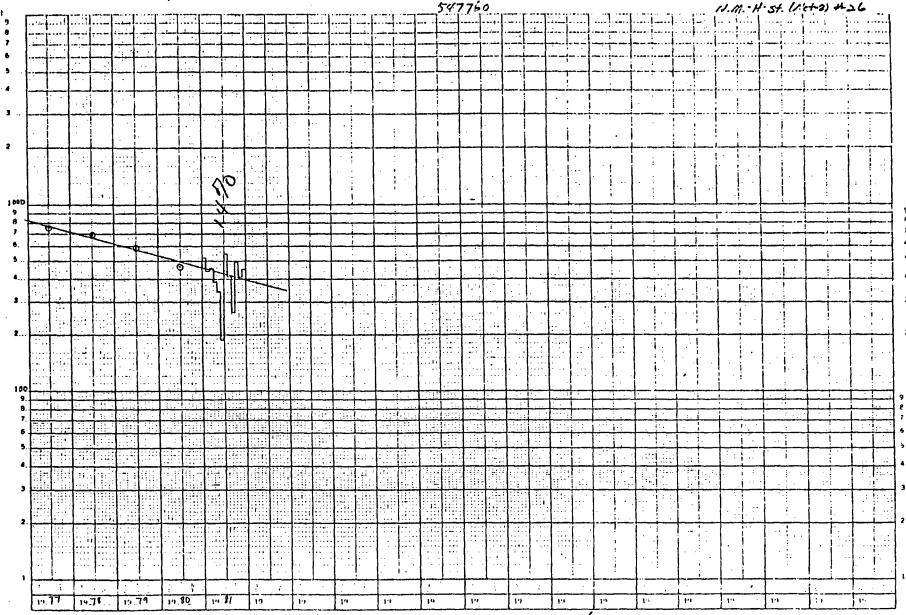
The following information has been developed for the subject wells as requested in your letter dated September 17, 1982:

- 1. The estimated gas in place under the original proration unit is 14,470 MMCF.
- 2 Gas that will be recovered by the New Mexico H State Well No. 30 is 1,183 MMCF and New Mexico H State Well No. 31 is 800 MMCF that will not be recovered by New Mexico H State Well No. 26.
- 3. The estimated drainage radius is 1220 feet for Well No. 30 and 1572 feet for Well No. 31.
- 4. Documents used to obtain this information are
 - a. Location maps of Sec. 20 T-20-S R-37-E Lea County, New Mexico
 - b. Production reports from the New Mexico Oil and Gas Engineering Committee
 - c. Production performance curve for the New Mexico H State Well No. 26.
- 5. The original completion in this proration unit, New Mexico H State Well No. 26, has low productivity and is not effectively draining the entire proration unit.

James W. Cox Psc JAMES W. COX

HWS/pw

16	NTAM	ENT	PC	OL	MA	A Law 1 State
· • · · · · · · ·	American Sun to Ca	01 5thering 1	Trincom salto	ONUMENT	Account to the second s	P. Mchild Top AR Co Insulation (1917)
. 9 5-	ARCOL	36 - July 100 July 10	0,	Lorge 4 Prilip	"ame be in erall bearing and a second by the	A LINES OF THE REAL PROPERTY.
Ge Mere!	Isinchairi Mevery	TIA 4/350 [Ang) Grand Got by	Come Service of the Company of the C	Marathan Cultural MA	AR Ca Byrom	Byrom By on Harman Byrom
er fee de la Conoca	Mary And Star 3 Mary 8 Mary 1 American 1 Superior 1 Sup	S'c'r (onlien) i	Harris O. American J. d	# Control Mr. Control Control	with a distribution of a state of	Serv.
1) v reed 1150	nyon ter Ameroda	ano emilia:	SSIC STATE	E la constant	Genty Esson Byrom	Selection of the select
<u>IINIT</u>	Amerade	TEXACE HASE Amprodo Getty	Conner Union les G C.Morthews	1/1 Sept 1/2	(mo)	Serve Notation (Cont.)
(antinental	State Graduards	Amerado Tra	GP, Sims, CS1	Syring Day of Cl. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	ME Laughlin when	then were Second to
run510165	A.R.Co. (5)	Amerodo Petro Lewis	(Sun) Handers Signey Terrar I Union Fee	ARCO BOTTO	Marathan Ladd Pat	Charles Denhard on said and the control of the cont
	WPBy-d 31 Conoco,etale	4 An 43 65	Tamer Jan ARCa	Berther Freith.	5herry of	busines Conoco Conti.
TOBING	Sanderson U.S E.H. Klein(S)	Andrew LL Cook To person	J.T (go. N M 8 0 111 State	readings of a Guit	Some Etten	Quel us series 9.0 Britt Shappers No.
Sanderson	E M Klein Est (S)	Shell (5) Gulf Amendo	State of Phillips	Petro #2 # 6 Lewis va Millard Deck, VA Est.	e ara Hendrin 20	37 Sintery Oric as
10 4000	Court of the Court	Guif Getty America Superior	Applifies Continent	(Esson) (Amerodo)	Armedar Getty Amerada	The state of the s
C	JALE	Tidengler Gulf 5 of 5 of 8ell		ZUA	MAR GA REM.	SW. Carefo Co. 53/2
101.61al 32 11.8.P. 70 4030	Cort.rents.et.	Amoco	LIGIS LIGIS EU	CE MONUNES	Sirc lair Amoco	Amoco Congr
Reed ' Moriond	23	Greity Fed Cont1 , et al 2	6/C 6/C	The second second	21 70 3076	
MI etailS)	Menry S Records	9:2324 030143 13 011 rept.	TENACTORES	THE COOR OF SE	231300 Phase II Gillully Fed 51. 717	dis Sent Sent Sent Sent Sent Sent Sent Sent
ore etal 13	(Amerada) Elfiott Shilliph Oil #1 10244 5245 Zid Ener.	Seety ARCO Amoco Gulf	Dhillips Udsphichuston Phillips etal 37 Eano31 Mudson Mes	100	10-17 4 Wohn Konting 1987 269146 2511 U.S	(A.R.Co.) Septi (Chevron)
er, etal(S)	etal s Schorer of New Zie will there of	5/gre 25	Amerado Tradas Amerado Tradas Trad	J.W. Mr. Imris E. Reesed M. W. Wood	Shell 6 10 10 10 10 10 10 10	Mayer M. Dentilion - Fed"
merade) 6 WES	Ener Oil) Gassa 4300 Elliott Essen 17 Cooper etal(5)	Fazon Witte White Part Processed 1.1.1.1	Shelle St.	M. II Reeves M. II of Orch (51	Sen Mayer Fed 13 M. Fernand Dech (3)	Amoco Parling Confi.
a Ethell #1	Tenneco Essem 15	US Copper etal(S) SW/4 GE/2 Oulf Shell A F • • 4	Suration State	AR.Ca Bert Fields ar. Gally Of Nudgen 1-Ar. O Khudsen		Armoco H.B.P. Person Lewis O3.1/36() Crawford follow
B.11298	Bey faces 35 A F Co	# 03 Co-Z	Marier F	St. Turner-St.	Amoco 22 03:1366 345	Griuny 14 Armod Original Millard Dech (S) 4
Worrior, Inc.	Ide White I'de White	06 07 02 M 01	TENACO D	47 Sec. 11.	Calletter for a	Guir O
or Est, a tolish	J.T. Cooper, etal (S) M. Dech district (Misses II) M. Dech district (Misses II) M. Dech district (Misses II)	Stote 'arun'	2 1346 3. 41 G/C		HASIMA ARCO	Amerada Errica
poperetal (S)	Amerodo N. S. Cont.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6110 of Contract o	2 20 20	ary I'	M.B.P. B-85 A
2 1 2 1 3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Amerode	Shell to the state of the state	Her of Gulf of Group AR.			3 3
37070 a	JL Evans 4 Shell	Scall of A	ill Orcull		in Sun 14 Sun 1	uulf 0 774
Ware Total	tos B.254 B.1400	n 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AFICA AFICA	2 Mail Apollo 3	CENTER	Condition of Cook
J L Evans	o Gull State	State 1 The Tring of Amer AR Co AR Con AR Co AR Con	5000	Mularet Per Mit	A fazon Medidie nun Essen	B COLI AMO
6.759 63 8119 18	WIA 1394 #4 A 2	H L Houston	Meyer 8 Stote		OD 10	TATOTE COLL WING
105ml 444	A Propertion VI. Evert. A C. Co.	'L'amphill Mouslen Ga	Continental ARC Continental ARC OSTIGO Meyer Continental ARC OSTIGO Continental Contine	Comset Mouer Conest C	Adhins 10 Annu	Dills Jone
Gull	1540571 5'919 03	Al Comphell Houstony	retai U. Stale	Store Woest Stores	neck Millard Deck(s) Millard Contin	ental Centil Cult Cult
H.B.P. B.744	e gazi inc. 6	34 104 /	(antinental	** *** *** *** *** *** *** *** *** ***	AW C" OHS	8 16 10 10 10 10 10 10 10 10 10 10 10 10 10
Exxon E Shenordo	* * MallacelDaira Cos	Confinental 14	1 011740 17	onti el Cities Serv ; Getty ("A A Bell" 5	10 14



INITIAL RATE = 395 MCF/D

DECLINE RATE = 14 %

FINAL RATE = 10.4 MCF/D

1-1-82 REMAINING RESERVES = (395-10.4) 2420 = 931 MMCF @ 15.025

-		
	NEW MEXICO H STATE WELL NO 30	
		_
	AUGUST 1982 PRODUCTION = 15,163 MCF = 499 MCFD	
	REMAINING RESERVES = (499-10.3) 2420 = 1183 MMCF	
	ASSUMING A 14 TO DECLINE SIMILIAR TO WELL NO 26	_
	NEW MEXICO H STATE WELL NO 31	
	PRODUCED 2004 MCF IN 6 DAYS DURING AUGUST 198.	2
	AVERAGE GAS RATE = 341 MCFD	
	LEMAINING RESERVES = (341-10.3)2420 = 800 MMCF	
	ASSUMING A 14 % DECLINE	

TEXACO

NEW MEXICO, H 57.47€ WELL NO 36 CUMULATIVE: 8662 MAI REMANULA: 931 MAI WELL NO 30 REMANULA: 1183 MAI NELL NO 31 REMANULA: 800 MAI TOTAL TO RECOVER = 11.576 A ASSUME AN 8090 RECOVERY FACTOR DRIGIUM GAS IN PLACE = 11.576; 8: 14, 470 MM	Okon No. 1			· .				
REMAINING = 931 MM WELL NO 30 REMAINING = 1183 MM WELL NO 31 REMAINING = 800 MM TOTAL TO RECOVER = 11,576 M ASSUME AN 80% RECOVERY FACTOR								
REMAINING = 931 MM WELL NO 30 REMAINING = 1183 MM WELL NO 31 REMAINING = 800 MM TOTAL TO RECOVER = 11,576 M ASSUME AN 80% RECOVERY FACTOR								
REMAINING = 931 MM WELL NO 30 REMAINING = 1183 MM WELL NO 31 REMAINING = 800 MM TOTAL TO RECOVER = 11,576 M ASSUME AN 80% RECOVERY FACTOR	NEW M	EXICO F	4 STAT	E WELL	No o	6 Com	ULATINE	- 8662 MM
WELL NO 30 REMAINING = 1183 MM WELL NO 31 REMAINING = 800 MM TOTAL TO RECOVER = 11,576 M ASSUME AN 80% RECOVERY FACTOR					•			
WELL NO 31 REMAILING = 800 MM TOTAL TO RECOVER = 11,576 N ASSUME AN 80% RECOVERY FACTOR	·							
FOTAL TO RECOVER = 11,576 N ASSUME AN 80% RECOVERY FACTOR								
ASSUME AN 80% RECOVERY FACTOR								
			. ,					
		Assu	IMF A.	80%	PEAD	UERY F	AC 10 17	,
CRIGIUM CHS /V FUNCE //, S/6 · . 6 //, F/3 · . 1					<u>:</u>			
		VRIGIZI	AC GAS	IN PEAC		,3/6.	. 8 -	/T, T/U 0.X/
			· · · · · · · · · · · · · · · · · · ·			<u> </u>		
				<u> </u>	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· -
	;	•			·			
						• .		
							· · · · · · · · · · · · · · · · · · ·	
				<u>.</u>				
			· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		····	
						· ·		
	·.							
	, 				<u> </u>			
		· .*						
								
				·				

\$651 1502 1 0884 9771 0001 9106 174H PADIDS DETERMINED BY AVERAGING

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE NO. 833 Order No. R-599

THE APPLICATION OF THE COMMISSION UPON ITS OWN MOTION, DIRECTED TO THE TEXAS COMPANY, FOR RECONSIDERATION OF ADMINISTRATIVE ORDER NSP-21 WHICH CREATED A NON-STANDARD GAS PRORATION UNIT IN THE EUMONT GAS POOL CONSISTING OF THE NW/4, NE/4, AND SW/4 OF SECTION 20, TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 16, 1955, at Santa Fe, New Mexico, before the Oil Conservation Commission, hereinafter referred to as the "Commission".

NOW, on this 28th day of February 1955, the Commission, a quorum being present, having considered the records and testimony adduced, and being fully advised in the premises,

FINDS:

- (1) That due notice of the time and place of hearing and the purpose thereof having been given as required by law, the Commission has jurisdiction of this case and the subject matter thereof.
- (2) That pursuant to provisions of Rule 5 (a) of the Special Rules and Regulations for the Eumont Gas Pool of Order No. R-520, the Commission has power and authority to permit the formation of a gas proration unit consisting of other than a legal section after notice and hearing by the Commission.
- (3) That applicant, The Texas Company, is the owner of an oil and gas lease in Lea County, New Mexico the land consisting of other than a legal section, and described as follows, to-wit:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM NW/4, NE/4, and SW/4 of Section 20

containing 480 acres, more or less.

- (4) That applicant, The Texas Company, has a producing well on the aforesaid lease known as State "H" Lieu (NCT-2) Well No. 26, located 992 feet from the north line and 1654 feet from the west line of Section 20, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico.
- (5) That the above-described 480-acre non-standard gas proration unit has been producing under the provisions of Administrative Order NSP-21, and that the Texas Company was required to, and did, show cause why this 480-acre proration unit should not be reduced in size.
- (6) That it is impractical to pool applicant's said lease with adjoining acreage in the Eumont Gas Pool, and that the owners of adjoining acreage in said area have not objected to the formation of the proposed proration unit of 480-acres.
- (7) That unless a proration unit consisting of applicant's aforesaid acreage is permitted, applicant will be deprived of the opportunity to recover its just and equitable share of the natural gas in the Eumont Gas Pool.
- (8) That creation of a proration unit consisting of the aforesaid acreage will not cause but will prevent waste, and will protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the application of The Texas Company for approval of an unorthodox proration unit consisting of the following described acreage:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM NW/4, NE/4, and SW/4 of Section 20

Cozumen School

he and the same is hereby approved, and a proration unit consisting of aforesaid acreage is hereby created.

(2) That applicant's well, State "H" Lieu (NCT)-2 Well No. 26, located in the NE/4 NW/4 of Section 20, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, shall be granted an allowable in the proportion that the above described 480-acre unit bears to the standard or orthodox proration unit for said pool, all until further order of the Commission.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JOHN F. SIMMS, Chairman

E. S. WALKER, Member

W. B. MACEY, Member and Secretary

SEAL



BRUCE KING GOVERNOR LARRY KEHOE

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

April 19, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Texaco Inc.
P. O. Box 3109
Midland, Texas 79702

Attention: James W. Cox

Administrative Order NSP-1302

Gentlemen:

Reference is made to your application for a 160-acre non-standard proration unit consisting of the NE/4 of Section 20, Township 20 South, Range 37 East, NMPM, to be dedicated to the New Mexico "H" State NCT-2 Well No. 30 and a 320-acre non-standard proration unit consisting of the NW/4 and the SW/4 of said Section 20 to be simultaneously dedicated to your New Mexico "H" State NCT-2 Wells Nos. 26 and 31 both located in Section 20, Eumont Gas Pool, all in Lea County, New Mexico.

Further, you are hereby permitted to produce the allowable from the two simultaneously dedicated wells on the proration unit in any proportion. By authority granted me under the provisions of Rule 5(c)(3) of Order No. R-1670, the above non-standard proration units are hereby approved.

Sincerely,

JOE D. RAMEY, Director

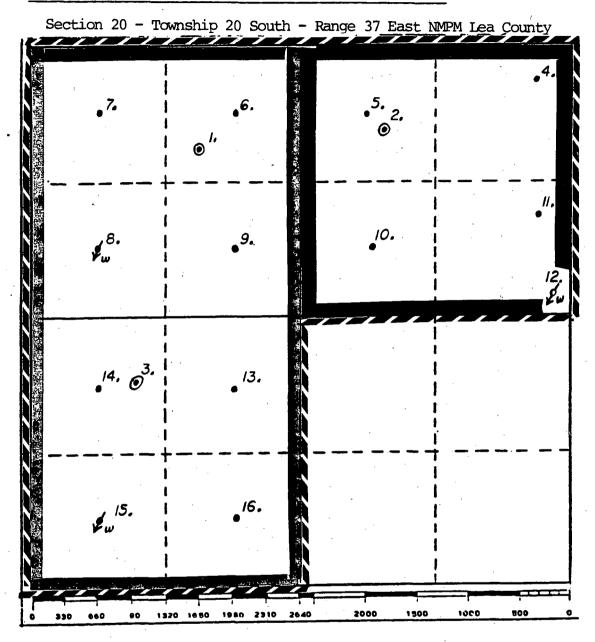
JDR/RLS/dr

cc: Oil Conservation Division - Hobbs

Oil & Gas Engineering Committee - Hobbs

Oil & Gas Division - State Land Office - Santa Fe

Texaco Inc. New Mexico "H" State NCT-2 Well No. 26.



- Eumont Yates Seven Rivers Queen Producer
- Eunice Monument Grayburg San Andres Producer
- $\slash\hspace{-0.4em}\rlap{/}_{\!\scriptscriptstyle W}$ Converted Water-Injection Well Eunice Monument Grayburg San Andres
- ϕ_{w} Drilled Water-Injection Well Eunice Monument Grayburg San Andres

NSP-1302, 160 Acres Dedicated to the N.M. "H" State NCT-2 Well No. 30

NSP-1302, 320 Acres Simultaneously Dedicated to the N.M. "H" State NCT-2 Well No. 31 and the N.M. "H" State NCT-2 Well No. 26

New Mexico "H" State NCT-2 Well No. 26 992' FNL - 1654' FWL in Unit C Spud: February 26, 1954 Cumulative Production as of the end of 1981:

> OBO 8661588 MCF

Note: NSP-21 gave authorization for a 480 acre non-standard proration unit conisting of the N/2 and SW/4 of Section 20 to be dedicated to this well was approved February 28, 1955.

2) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 30 851' FNL- 1825' FEL in Unit B Spud: February 10, 1982

Note: NSP -1302 gave authorization for a 160 acre non-standard proration unit consisting of the NE/4 of Section 20 to be dedicated to this well was approved April 19, 1982 (application dated March 15, 1982 and received March 19, 1982).

3) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 31 1980' FSL - 990' FWL in Unit L Spud: March 11, 1982 Notice of Gas Connect: August 24, 1982

Note: NSP-1302 also gave authorization for a non-standard proration unit consisting of the W/2 of Section 20 to be simultaneously dedicated to this well and to the New Mexico "H" State NCT-2 Well No. 26 was approved April 19, 1982 (application dated March 15, 1982 and received March 19, 1982).

4) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 3, changed to Eunice Monument Unit Well No. 8, effective August 1, 1969 330' FNL - 330' FEL in Unit A Spud: June 10, 1936

5) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 6, changed to Eunice Monument Unit Well No. 7, effective August 1, 1969 660' FNL - 1980' FEL in Unit B Spud: March 2, 1937

New Mexico "H" State NCT-2 Well No. 7, changed to Eunice Monument Unit Well No. 6, effective August 1, 1969 660' FNL - 1980' FWL in Unit C Spud: April 3, 1937

7) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 11, changed to Eunice Monument Unit Well No. 5, effective August 1, 1969 660' FNL - 660' FWL in Unit D Spud: June 5, 1937

8) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 22, changed to Eunice Monument Unit Well No. 15, effective Ausut 1, 1969 1980' FNL - 660' FWL in Unit E Spud: June 27, 1940 Converted to Water - Injection Well December 11, 1970 Cumulative Production:

208413 BO 360906 MCF

9) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 20, changed to Eunice Monument Unit Well No. 16, effective August 1, 1969 1980' FNL - 1980' FWL in Unit F Spud: January 5, 1940

10) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 15, changed to Eunice Monument Unit Well No. 17, effective August 1, 1969 1980' FNL - 1980' FEL in Unit G Spud: August 18, 1938

11) Texaco, Inc.

New Mexico: H: State NCT-2 Well No. 8, changed to Eunice Monument Unit Well No. 18, effective August 1, 1969 1650' FNL - 330' FEL in Unit H Spud: May 4, 1937

12) Rice Engineering and Operating, Inc.
Eunice - Monument - Eumont SWD Well No. H-20, changed to
E-M-E SWD "H" Well No. 20, effective August 7, 1981.
2475' FNL - 165' FEL in Unit H
Spud: June 16, 1959

\$. 3°.

New Mexico "H" State NCT-2 Well No. 16, changed to Eunice Monument Unit Well No. 26, effective August 1, 1969 1980' FSL - 660' FWL in Unit K Spud: January 13, 1939

14) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 23, changed to Eunice Monument Unit Well No. 25, effective August 1, 1969 1980' FSL - 660' FWL in Unit L Spud: August 18, 1940

15) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 12, changed to Eunice Monument Unit Well No. 32, effective August 1, 1969 660' FSL - 660' FWL in Unit M Spud: June 29, 1937 Converted to Water Injection Well December 20, 1970 Cumulative Production

190784 BO 541864 MCF

16) Texaco, Inc.

New Mexico "H" State NCT-2 Well No. 29, changed to Eunice Monument Unit Well No. 33, effective August 1, 1969 660' FSL - 1980' FWL in Unit N Spud: January 14, 1966