



Texaco USA

January 17, 1989

State of New Mexico
Energy, Minerals & Natural Resource Department
Oil Conservation Division
310 Old Santa Fe Trail
Room 206
Santa Fe, New Mexico 87503

Attention: Mr. William LeMay

RE: Injection Pressure Limit Increase
Myers Langlie Mattix Unit Well No. 167
Unit Letter I, Sec. 5, T-24-S, R-37-E
Lea County, New Mexico

Gentlemen:

Texaco Producing Inc. respectfully requests that authorization be granted to exceed the current 1250 psi injection pressure limit on Myers Langlie Mattix Unit Well No. 167. The well is located in Section 5, T-24-S, R-37-E, Lea County, New Mexico.

The current 1250 psi limit is as per New Mexico Oil Conservation Division Order No. WFX460 as shown on the attached survey form. The attached step rate test dated November 11, 1988 shows the surface parting pressure to be 1400 psi.

It is requested that the injection pressure limit be raised to 1350 psi on Well No. 167. Your consideration is appreciated. Please advise if further information is needed.

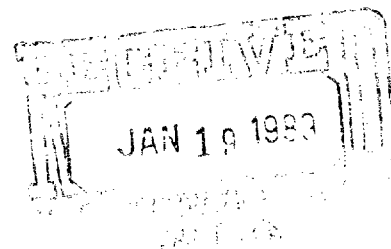
Yours very truly,

J. A. Schaffer
District Operations Manager

RH/GDD:JRB

Attachments

cc: NMOC
Hobbs, NM

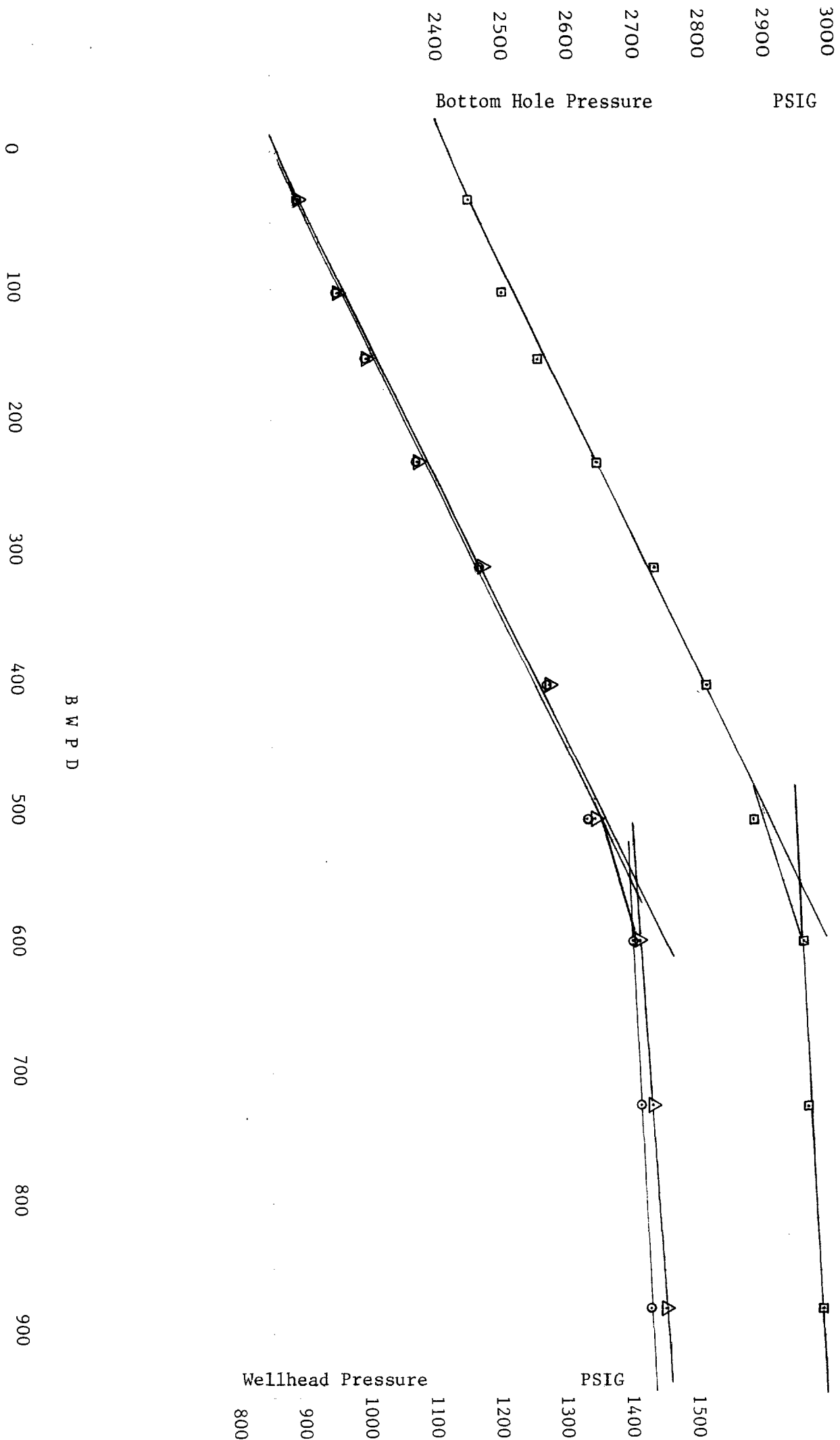


Page -3- Texaco Prod Inc Myers Langlie Matx Ut Bradenhead Survey
Wells to be tested:

<u>LEASE</u>	<u>WELL #</u>	<u>S-T-R</u>	<u>PRESS LIMIT</u>
MLMU	138-A	1-24-36	None
"	140-G	6-24-37	None
"	142-E	5-24-37	None
"	144-G	"	None
"	146-E	4-24-37	None
"	148-G	"	900
"	152-G	3-24-37	None
"	154-E	2-24-37	None
"	156-G	"	None
"	157-K	"	None
"	159-I	3-24-37	None
"	163-I	4-24-37	None, 1000
"	165-K	"	900
"	167-I	5-24-37	1250
"	169-K	"	None
"	171-I	6-24-37	None
"	173-K	"	None
"	175-O	"	None
"	177-M	5-24-37	None
"	179-O	"	None
"	181-M	4-24-37	900
"	183-O	"	900
"	185-M	3-24-37	1350
"	189-M	2-24-37	950
"	192-C	10-24-37	None
"	194-A	9-24-37	None
"	196-C	"	None
"	198-A	8-24-37	None
"	200-C	"	None
"	202-A	7-24-37	None
"	204-C	"	None
"	208-G	12-24-36	None
"	210-E	7-24-37	None
"	212-G	"	900

□ Bottom Hole Pressure @ 3,520 Feet
 △ Recorded Wellhead Pressure
 ○ Corrected Wellhead Pressure Based on 2 3/8" Tubing

TEXACO PRODUCING, INC.
 M L M U No. 167
 Step Rate Injection Test



JOHN WEST ENGINEERING CO.
Step Rate Injection Test

Well Name MLMU # 167
CO. Name TEXICO PRODUCING INC.

Date 11-21-88

SET BOMB AT 3520

Remarks	Time	Tbg. Press.	Rate BPD	Total	B H P	Tbg. Press.	Rate GPM	HEAD LOSS
	12:45	860			2437.9			
	12:50	934.1	46.08	.16				
	12:55	874.0	28.8	.26	2451.9			
RATE I	1:00	886.7	20.16	.33	2451.1	886.65	.92	0.05
			31.68					
	1:05	923.8	89.28	.64	2475.8			
	1:10	941.7	103.68	1.00	2491.8			
RATE II	1:15	949.5	97.92	1.34	2499.9	949.05	3.00	0.45
			96.96					
	1:20	958.3	158.40	1.89	2530.3			
	1:25	995.2	149.76	2.41	2546.5			
RATE III	1:30	996.5	146.88	2.92	2559.10	995.57	4.42	0.93
			151.67					
	1:35	1056.5	201.60	3.62	2605.10			
	1:40	1080.8	239.04	4.45	2632.60			
RATE IV	1:45	1077.1	256.32	5.34	2646.0	1075.06	6.78	2.04
			232.31					
	1:50	1146.20	316.8	6.44	2695.0			
	1:55	1150.10	311.04	7.52	2716.70			
RATE V	2:00	1171.90	308.16	8.59	2734.60	1168.38	9.10	3.52
			311.99					
	2:05	1230.8	400.32	0.98	2777.80			
	2:10	1255.0	400.32	11.37	2798.70			
RATE VI	2:15	1276.8	403.20	12.77	2818.20	1271.19	11.70	5.61
			401.28					
	2:20	1337.10	509.76	14.54	2879.30			
	2:25	1357.6	515.52	16.33	2885.40			
RATE VII	2:30	1342.1	492.48	18.04	2885.60	1333.49	14.76	8.61
			505.91					
	2:35	1420.20	570.24	20.02	2925.8			
RATE VIII	2:40	1413.8	599.04	22.1	2948.30			
VIII CHANGED PUMPS	2:45	1412.7	619.20	24.25	2967.8	1401.04	17.39	11.66
			596.16					
	2:47			0				
	2:52	1437.0	720.00	2.50	2966.60			
	2:57	1419.0	754.56	5.12	2966.90			
RATE IX	3:02	1433.10	771.84 748.80	7.80	2972.6	1415.32	21.84	17.78

JOHN WEST ENGINEERING CO.
Step Rate Injection Test

Well Name MLMU #167
CO. Name TEXACO PRODUCING CO.

Date 11-21-88

[illegible]

Myers Langlie Matrix Unit No. 167
1980 FSL and 660 FEL
Unit letter I, Section 5, T24S, R37E
3275' DF

