



TEXACO E & P

July 17, 1996

New Mexico Oil Conservation Division
2040 South Pacheco
PO Box 6429
Santa Fe, New Mexico 87505

Attn: Mr. David Catanach

Re: Request for increased injection pressures
Vacuum Glorieta West Unit
Lea County, New Mexico

Dear Mr. Catanach,

Texaco Exploration and Production Inc. respectfully requests permission to increase the injection pressures on the Vacuum Glorieta West Unit according to the table below:

Well Name	Well #	Prior Inj. Pres Limit (psi)	Requested Inj. Pres. (psi)	Unit Letter	Section	Township	Range
VGWU	91	1220	2125	i	35	17S	34E
VGWU	92	1220	2460	i	36	17S	34E
VGWU	93	1220	2950	k	36	17S	34E
VGWU	94	1220	3250	j	36	17S	34E
VGWU	95	1220	3030	j	36	17S	34E
VGWU	96	1220	3125	i	36	17S	34E
VGWU	104	1220	2200	m	36	17S	34E
VGWU	105	1220	2600	n	36	17S	34E
VGWU	106	1220	1550	o	36	17S	34E
VGWU	107	1220	1750	p	36	17S	34E
VGWU	108	1200	2200	p	36	17S	34E
VGWU	120	1220	2200	h	1	18S	34E
VGWU	121	1220	3500	a	1	18S	34E
VGWU	122	1220	2750	d	6	18S	35E
VGWU	123	1220	2225	c	6	18S	35E
VGWU	124	1220	2050	b	6	18S	35E

Step-rate tests (attached) were performed on the above wells by John West Engineering firm. If you have any questions concerning this matter please contact myself at (505) 397-0426.

Thank you for your consideration of this proposal.

Sincerely,

Darrell J. Caringer
Production Engineer
Texaco E & P Inc.
Hobbs Operating Unit

BEFORE THE
OIL CONSERVATION DIVISION
Santa Fe, New Mexico

Case No. 12123 Exhibit No. 17

Submitted by: Texaco Exploration and Production Inc.

Hearing Date: February 4, 1999

/djc
file

cc: Mr. Jerry Sexton (NMOCD District I Director - Hobbs)
Attachments

WEST-TEST, INC.
A SUBSIDIARY OF JOHN WEST ENGINEERING COMPANY
Hobbs, New Mexico

STEP RATE INJECTION TEST

CLIENT: TEXACO EXPLORATION AND PRODUCTION

DATE: JUNE 25, 1996

WELL NAME: VACUUM GLORIETA WEST UNIT NO. 108
LEA COUNTY, NEW MEXICO

WO#: 96-14-0750

PERFS = 5857-6164

PACKER DEPTH = 5863

BHP GAUGE DEPTH = 8060

STEP NO. & REMARKS	TIME	(1) SURFACE TUBING PRESS. (psig)	(2) CUMMULATIVE VOL. INJECTED (bbls)	(3) INJECTION RATE (bbls/day)	(4) FRICTION HEAD LOSS (psi)	(5) CORRECTED TUBING PRESS. (psi) (3)-(4)	(6) INJECTION RATE (gpm) (3)/24.2857	(7) MEASURED BHP (psi)
	9:15	26.7				26.7		2094.7
	9:20	2.6	5.8	1670.4	135.063	-132.5	48.72	2194.5
	9:25	2.6	10.9	1468.8	106.463	-103.9	42.84	2235.3
1	9:30	1.2	16.0	1468.8	106.463	-105.3	42.84	2274.7
				1536.0				
	9:35	345.2	23.0	2016.0	191.260	153.9	58.80	2391.1
	9:40	376.3	30.2	2073.6	201.492	174.8	60.48	2483.3
2	9:45	453.5	37.4	2073.6	201.492	252.0	60.48	2558.9
				2054.4				
	9:50	1065.5	46.5	2620.8	310.756	754.7	76.44	2722.2
	9:55	1132.9	55.5	2592.0	304.468	828.4	75.60	2815.8
3	10:00	1196.7	64.5	2592.0	304.468	892.2	75.60	2889.9
				2601.6				
	10:05	1861.7	75.4	3139.2	433.943	1427.8	91.56	3048.6
	10:10	1940.5	86.2	3110.4	426.607	1513.9	90.72	3137.8
4	10:15	1986.6	97.0	3110.4	426.607	1560.0	90.72	3208.9
				3120.0				
	10:20	2634.4	109.5	3600.0	559.084	2075.3	105.00	3352.6
	10:25	2652.0	122.1	3628.8	567.387	2084.6	105.84	3429.7
5	10:30	2677.1	134.6	3600.0	559.084	2118.0	105.00	3493.2
				3609.6				
	10:35	3278.0	148.6	4032.0	689.494	2588.5	117.60	3615.7
	10:40	3308.1	162.7	4060.8	698.633	2609.5	118.44	3671.6
6	10:45	3299.3	177.0	4118.4	717.076	2582.2	120.12	3733.7
				4070.4				

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STEP RATE INJECTION TEST

TEXACO EXPLORATION AND PRODUCTION

