

LEMON RANCH #5  
 PRESS BUILDUP 1-27-81  
 SWOPE PERFS 4782-4787

APPENDIX IV

EXHIBIT IV-5

P R E S S U R E   B U I L D - U P   A N A L Y S I S

POINTS USED	RADIUS FELT, FT	SLOPE PSI/CYC	K (MDS)	P.I. B/D/PSI	SKIN FACTOR	SKIN DP	COMPL. EFF, %	SIBHP PSIG	AVG. P PSIG
1- 2	13.	12.6	16.2127	0.143	-2.97	-32.	142.1	625.	690.
2- 3	16.	26.6	7.6112	0.074	-3.18	-74.	149.3	633.	762.
3- 6	24.	59.3	3.3472	0.036	-3.30	-170.	155.3	669.	921.
6-12	32.	126.2	1.5198	0.019	-3.55	-390.	165.8	730.	1206.
12-23	51.	239.9	0.7665	0.011	-3.84	-801.	178.5	875.	1634. *

POINT	PRESSURE	DP PSI	CORRECTED PRESSURE@	DT (HOURS)	(T+DT)/DT	CORRECTED (T+DT)/DT@@	WB STOR LDP/LDT
1	620.	7.	620.	0.100	370910.1	370910.1	0.0000
2	625.	12.	625.	0.250	148364.6	148364.6	0.5882
3	633.	20.	633.	0.500	74182.8	74182.8	0.7370
4	649.	36.	649.	1.000	37091.9	37091.9	0.8480
5	660.	47.	660.	1.500	24728.3	24728.3	0.6576
6	669.	56.	669.	2.000	18546.5	18546.5	0.6090
7	681.	68.	681.	2.500	14837.4	14837.4	0.8701
8	688.	75.	688.	3.000	12364.6	12364.6	0.5374
9	695.	82.	695.	3.500	10598.4	10598.4	0.5789
10	703.	90.	703.	4.000	9273.7	9273.7	0.6971
11	718.	105.	718.	5.000	7419.2	7419.2	0.6908
12	730.	117.	730.	6.000	6182.8	6182.8	0.5935
13	744.	131.	744.	7.000	5299.7	5299.7	0.7332
14	754.	141.	754.	8.000	4637.4	4637.4	0.5509
15	764.	151.	764.	9.000	4122.2	4122.2	0.5817
16	774.	161.	774.	10.000	3710.1	3710.1	0.6086
17	792.	179.	792.	12.000	3091.9	3091.9	0.5813
18	809.	196.	809.	14.000	2650.4	2650.4	0.5886
19	825.	212.	825.	16.000	2319.2	2319.2	0.5877
20	836.	223.	836.	18.000	2061.6	2061.6	0.4295
21	851.	238.	851.	20.000	1855.5	1855.5	0.6179
22	862.	249.	862.	22.000	1687.0	1687.0	0.4741
23	875.	262.	875.	24.000	1546.5	1546.5	0.5849

@ CORRECTED FOR AFTERFLOW  
 @@ CORRECTED FOR SUPERPOSITION

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