WORK SHEET FOR STEPWISE CALCULATION ~~XXXXXXXXXX~~ (SURFACE) PRESSURE ~~XXXXXXX~~ (P_c & P_w)

Form C-122-E
Adopted 9-1-65

COMPANY Texaco Producing Inc. LEASE Bilbrey Fed. Com WELL NO. 1 DATE 5-22-85

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 13,395 H 13,395 L/H 1.00 G MIX.725 % CO_2 _____ % N_2 _____ % H_2S _____

d _____ F_r _____ Q_m _____ M^2cfd (L/H) $(F_rQ_m)^2$ _____ P_{cr} 668 (TABLE 14 A & B) T_{cr} 398 (TABLE 14 A & B)

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		13,395	6698		0						
2	GH		9711	4856		0						
3	37.5GH		364176	188088		0						
4	P_c or P_n		6316.3	5533.0	5509.9	4705.4	4651.0	4653.5	Pw =	4656.1		
5	P_r		9.46	8.28	8.25	7.04	6.96	6.96				
6	T		668	601	601	534	534	534				
7	T_r		1.68	1.51	1.51	1.34	1.34	1.34				
8	Z		1.099	1.009	1.007	.898	.893	.893				
9	P/Z P/Z	$\bar{4}\div\bar{8}$	5747.3	5483.6	5471.7	5239.8	5208.3	5211.1				
10	P/TZ	$\bar{9}\div\bar{6}$	8.604	9.124	9.104	9.812	9.753	9.758				
11	$(P/TZ)^2/1000$	$(\bar{10})^2/1000$										
12	$L/H(F_rQ_m)^2$											
13		$\bar{11}+\bar{12}$										
14	I_n	$\bar{10}\div\bar{13}$	116.228	109.599	109.838	101.912	102.529	102.474				
15	$M=P_n-P_{n-1}$			783	806	805	859	856				
16	$N=I_n+I_{n-1}$			225.8	226.1	211.7	212.4	212.3				
17	M x N	$\bar{15}\times\bar{16}$			182280			181847				
18	$\sum$(M x N)	$\sum\bar{17}$			181895							