

WORK SHEET FOR STEPWISE CALCULATION

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

COMPANY Texaco Producing Increase 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 % CO₂ .485 % N₂ 3.367 % H₂S _____

d _____ F_r _____ Q_m _____ M₂ c/d (L/H) (F_r Q_m)² _____ P_c 668 T_{cr} 398

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	182088		0						
4	P _c or P _n		5318.6	4605.1	4581.8	3847.2	3792.6	3794.6	P _w =	3797.4		
5	P _r		7.96	6.89	6.86	5.76	5.68	5.68				
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		1.016	.916	.914	.796	.789	.789				
9	P/Z P/Z	$\bar{4} \cdot \bar{8}$	5234.8	5027.4	5012.9	4833.1	4806.8	4809.4				
10	P/TZ	$\bar{9} \cdot \bar{6}$	7.837	8.365	8.341	9.050	9.001	9.006				
11	(P/TZ) ² /1000	$(10 \cdot 2/1000)$										
12	L/H(F _r Q _m) ²											
13		$\bar{1} \cdot \bar{1} + \bar{1} \cdot \bar{2}$										
14	I _n	$\bar{1} \cdot \bar{0} + \bar{1} \cdot \bar{3}$	127.606	119.544	119.889	110.488	111.093	111.032				
15	M=P _n -P _{n-1}			713	737	735	789	787				
16	N=I _n +I _{n-1}			247.1	247.5	230.4	230.9	230.9				
17	M x N	$\bar{1} \cdot \bar{5} \times \bar{1} \cdot \bar{6}$			182342							
18	Σ(M x N)	Σ $\bar{1} \cdot \bar{7}$			181833							

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JUN - 6 1985

**O.C.D.
HOBBS OFFICE**