

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P₁ & P₂)
~~XXXXXXXXXX~~

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.728 % CO₂ .485 % N₂ 3.367 % H₂S _____
 d 1.995 F_r .01778 .448 M²cid (L/H) (F_rQ_m)² .000063 P_{cr} 668 T_{cr} 398

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6698		13,395						
2	GH		0	4856		9711						
3	37.SGH		0	182,088		364,176						
4	P _c or P _n		5393.2	6330.1	6299.2	7204.1	7153.3	Ps =	7184.5			
5	P _r		8.07	9.48	9.43	10.78	10.71					
6	T		534.	601	601	668	668					
7	T _r		1.34	1.51	1.51	1.68	1.68					
8	Z		.982	1.094	1.090	1.178	1.174					
9	P/Z P/2		5492.1	5786.2	5779.2	6115.6	6093.1					
10	P/TZ		10.284	9.627	9.615	9.155	9.121					
11	(P/177) ² /1000 (10 ² /1000)		1.05776	.092691	.092064	.083815	.083199					
12	L/H(F _r Q _m) ²		.000063	.000063	.000063	.000063	.000063					
13			.105839	.092754	.092527	.083878	.083262					
14	I _n		10÷13	97.173103.797	103.924	109.147	109.549					
15	M=P _n -P _{n-1}			937	906	904	854					
16	N=I _n +I _{n-1}			102.0	201.097	213.1	213.4					
17	M x N		15 x 16		182203		182316					
18	Σ (M x N)		Σ 17	181973								

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C.D.
HOBBS OFFICE