

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P₁ & P₂)
~~XXXXXXXXXX~~ ~~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.725 %CO₂ .485 %N₂ 3.367 %H₂S
 d 1.995 F₁ .017780_m .586 M²c/d (L/H) (F₁Q_m)² .000108 P_{cr} .668 T_{cr} 398
TABLE 10.1

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		4653.2	5542.6	5512.7	6371.0	6320.6	PS =	6316.3			
5	P _r		6.96	8.30	8.25	9.54	9.46					
6	T		534	601	601	668	668					
7	T _r		1.34	1.51	1.51	1.68	1.68					
8	Z		.893	1.011	1.007	1.104	1.099					
9	P/Z P/Z		5210.8	5482.3	5474.4	5770.8	5751.2					
10	P/TZ		9.758	9.122	9.109	8.639	8.610					
11	(P/TZ) ² /1000		.095218	.083210	.082971	.074631	.074125					
12	L/H(F ₁ Q _m) ²		.000108	.000108	.000108	.000108	.000108					
13			.095326	.083318	.083079	.074739	.074233					
14	I _n		102.364	109.483	109.641	115.588	225.980					
15	M=P _n -P _{n-1}			889	859	858	808					
16	N=I _n +I _{n-1}			211.8	212.0	225.2	225.6					
17	M x N				182223		182,270					
18	Σ(M x N)				181952							

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