

WORK SHEET FOR STEPWISE CALCULATION (SUBSURFACE) PRESSURE (P₁ & P₂)
~~XXXXXXXXXX~~ ~~XXXXXXXXXX~~

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 C Section 4 Township 22S Range 32E

L. 13.395 H 13.395 L/H 1.00 G MIX.725 % CO₂ .485 % N₂ 3.367 % H₂S

d 1.995 F_r .01778 .308 M₂ C_d (L/H) (F_r Q_m)² .000030 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		5818.2	6775.0	6746.1	7671.5	7621.5	Ps =	7617.3			
5	P _r		8.71	10.14	10.10	11.48	11.41					
6	T		534	601	601	668	668					
7	T _r		1.34	1.51	1.51	1.68	1.68					
8	Z		1.037	1.140	1.138	1.222	1.218					
9	P/Z P/Z	$\bar{4} = 8$	5610.6	5943.0	5930.0	6277.8	6257.4					
10	P/TZ	$\bar{9} = 6$	10.507	9.888	9.863	9.398	9.367					
11	(P/TZ) ² /1000	(10) ² /1000	.110392	.097783	.097289	.088321	.087747					
12	L/H(F _r Q _m) ²		.000030	.000030	.000030	.000030	.000030					
13		$\bar{11} + \bar{12}$	.110422	.097813	.097319	.088351	.087777					
14	I _n	$\bar{10} \div \bar{13}$	95.151	101.096	101.352	106.370	106.717					
15	M = P _n - P _{n-1}			956	928	925	875					
16	N = I _n + I _{n-1}			196.2	196.5	207.7	208.1					
17	M x N	$\bar{15} \times \bar{16}$			182326		182,154					
18	$\Sigma (M \times N)$	$\Sigma \bar{17}$			181850							

RECEIVED

JUN -6 1985

G.C.D.
HOBBS OFFICE