

WORK SHEET FOR STEPWISE CALCULATION

(SURFACE) PRESSURE (P_c & P_w)

Page 1

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 F_r 0_m M₂ c/d (L/H) (F_rQ_m)² P_{cr} 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		9,711	4856		0						
3	37.5GH		364,176	182088		0						
4	P _c or P _n		7617.3	6764.9	6742.3	5867.8	5814.8	5816.3	P _w =	5818.7		
5	P _r		11.40	10.13	10.09	8.78	8.70	8.70				
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		1.218	1.140	1.137	1.043	1.037	1.037				
9	P/Z P/Z		6253.9	5934.1	5929.9	5625.9	5607.4	5608.8				
10	P/TZ		9.362	9.873	9.867	10.535	10.501	10.503				
11	(P/TZ) ² /1000											
12	L/H(F _r Q _m) ²											
13	$\bar{I}_1 + \bar{I}_2$											
14	I _n		106.813	101.278	101.351	94.918	95.232	95.208				
15	M=P _n -P _{n-1}			852	875	874	927	926				
16	N=I _n +I _{n-1}			208.1	208.1	196.3	196.6	196.6				
17	M x N				182151			182.001				
18	Σ(M x N)				182024							