

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE $(P_1 \& P_2)$
(SURFACE) $(P_c \& P_m)$

3rd

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

COMPANY Gulf Oil Expl. & Prod. Co. LEASE Wilson "C" Fed.

WELL NO. 1

DATE 8/2/84

LOCATION: Unit E Section 29 Township 26S Range 34E

L 11592 H 11592 LH 1.000 Gmix. 7383 %CO₂ 1.144 %N₂ 383 %H₂S

d 11995 F_r 0.1823 879 M²cid (L/H) (F_rQ_m)² 0.00257 P_{cr} 671 T_{cr} 402

TABLE 11.8.2

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5796		11592						
2	GH		0	4279		8558						
3	37.5GH		0	160470		320939						
4	P _c or P _n		5038.2	5849.01	5824.7	6611.0	6521.4		FS =	6568.0		
5	P _r		751	8.72	8.68	9.85	9.79					
6	T		534	592	592	650	650					
7	T _r		1.33	1.47	1.47	1.62	1.62					
8	Z		.936	1.041	1.037	1.120	1.116					
9	P/2 P/2	$\bar{4} \div \bar{8}$	5382.7	5618.6	5616.9	5902.7	5888.4					
10	P/TZ	$\bar{9} \div \bar{6}$	10.0799	9.4909	9.4880	9.0811	9.0590					
11	(P/TZ) ² /1000	(10 ²)/1000	.101605	.090078	.090023	.082466	.082066					
12	L/H(F _r Q _m) ²		.000257	.000257	.000257	.000257	.000257					
13		$\bar{11} + \bar{12}$	1.01862	.090835	.090280	.082723	.082323					
14	I _n	$\bar{10} \div \bar{13}$	98.957	105.064	105.096	109.777	110.043					
15	M=P _n -P _{n-1}		811	787	786	747						
16	N=I _n +I _{n-1}		204.021	204.052	214.873	215.138						
17	M x N	$\bar{15} \times \bar{16}$		160495		160643						
18	$\Sigma (M \times N)$	$\Sigma \bar{17}$		160444								