

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE)
(SURFACE)

PRESSURE
(P_c & P_w)

3rd

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

COMPANY Gulf Oil Exp. Prod. Co. LEASE Wilson "C" Fed. WELL NO. 1

DATE 8/2/84

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

L 11592 H 11592 LH 1.000 GMIX 7383 %CO₂ 1.144 %N₂ 383 %H₂S _____
d 1.995 F_r .018231 O _____ M²cid (L/H) (F_rQ_m)² _____ P_{cr} 1671 T_{cr} 402
TABLE 12.2.1

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11592	5796		0						
2	GH		8558	4279		0						
3	37.SGH		320939	160470		0						
4	P _c or P _n		6568.0	5841.5	5824.5	5081.1	5035.1	5040.2		P _{wo} = <u>5042.6</u>		
5	P _r		9.79	8.71	8.68	7.57	7.51	7.51				
6	T		650	592	592	534	534	534				
7	T _r		1.62	1.47	1.47	1.33	1.33	1.33				
8	Z		1.116	1.040	1.037	.941	.936	.936				
9	P/2 P/2	4=8	5885.3	5616.9	5616.7	5399.7	5383.6	5384.8				
10	P/TZ	9=6	9.0543	9.4879	9.4877	10.1118	10.0817	10.0840				
11	(P/TZ) ² /1000	(10) ² /1000										
12	L/H(F _r Q _m) ²											
13		11 + 12										
14	I _n	10 ÷ 13	110.445	105.398	105.400	98.894	99.190	98.167				
15	M = P _n - P _{n-1}			726	743	743	785	784				
16	N = I _n + I _{n-1}			215.843	215.845	204.294	204.589	204.586				
17	M x N	15 x 16			160471			160449				
18	Σ (M x N)	Σ 17			160468							