

WORK SHEET FOR STEPWISE CALCULATION
(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P_c & P_w)

Form C-122E
Adopted 9-1-65

COMPANY Shell LEASE 6000 WELL NO. 1 DATE 11-1-70

LOCATION: Unit C Section 23 Township 12 Range 32

L 9400 H 9400 L/H 1.000 G 735 %CO₂ 0 %N₂ 0 %H₂S 0
d 1.595 F_r 0.003 Q_m 0 M²cf/d (L/H) (F_rQ_m)² 0 P_{cr} 465 T_{cr} 480
TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		9400	1000		0						
2	GH		6909	2954.5		0						
3	37.5GH		259488	119019		0						
4	P _c or P _n		24855.5	2164.9	2140.2	1822.2	1813.2					
5	P _r		3.73	3.75	3.20	2.73	2.71					
6	T		62.5	54.4	54.4	53.4	53.4					
7	T _r		1.57	1.36	1.36	1.33	1.33					
8	Z		50.3	.675	.675	.657	.657					
9	P/Z	4/8	3092.0	3213.3	3170.7	2773.5	2760.0					
10	P/TZ	9/6	4.9347	5.9066	5.8265	5.1938	5.1685					
11	(P/TZ) ² /1000 (Q/2/1000)											
12	L/H(F _r Q _m) ²											
13		I ₁ + I ₂										
14	I _n	I ₀ + I ₃	202.646	119.302	171.570	192.539	193.177					
15	M = P _n - P _{n-1}			319.6	348.3	318.0	326.9					
16	N = I _n + I _{n-1}			371.048	374.711	324.139	365.043					
17	M x N	15 x 16		140.669		119.335						
18	Σ(M x N)	Σ17	259.088		119.019							

4.1 3(37.5 GH) 3(259.088) 777244 One copy to be filed in District Office (Work copy acceptable)