

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P_c & P_w)

Form C-122E
Adopted 9-1-65

COMPANY W. J. ... LEASE 11/11/1960 WELL NO. 1 DATE 3-4-70

LOCATION: Unit ... Section 22 Township 12 Range 5

L 6200 H 5100 L/H 1.000 G .785 % CO₂ — % N₂ — % H₂S —
d 1.985 F_r .01823 Q_m .3514 M²eld (L/H) (F_rQ_m)² .004104 P_c 665 T_c 401

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	17000		0.000						
2	GH		0	17000.5		0.000						
3	37.5GH		0	17000.000		2550.000						
4	P _c or P _n		10000.0	10000.0	17785.5	2112.0	2121.1					
5	P _r		2.15	2.162	2.16	3.06	3.16					
6	T		5.22	5.24	5.24	6.28	6.28					
7	T _r		1.33	1.35	1.36	1.57	1.57					
8	Z		1.646	1.662	1.666	1.887	1.887					
9	P/Z		2059.2	2066.4	2098.1	2615.0	2628.4					
10	P/TZ		3.8522	4.0467	4.2095	3.7440	4.1854					
11	(P/TZ) ² /1000		.014809	.016315	.017450	.014928	.017457					
12	L/H(F _r Q _m) ²		.004104	.004104	.004104	.004104	.004104					
13			.012924	.0229616	.0229616	.0229616	.0229616					
14	I _n		203.236	178.105	178.105	178.105	178.105					
15	M=P _n -P _{n-1}			342.13	342.13	342.13	342.13					
16	N=I _n +I _{n-1}			301.178	301.178	301.178	301.178					
17	M x N			130.076	130.076	130.076	130.076					
18	Σ(M x N)		Σ17	130.076	130.076	130.076	130.076					

3(259.084)

777,286.000

701.1