

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

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

COMPANY Sh. 1.5. Co. LEASE Area 11.1.1 WELL NO. 2 (11.1.1) DATE 12-25-68

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 11250 H 11250 L/H 1.000 G 0.690 %CO₂ - %N₂ - %H₂S -
d 1.555 F_r 0.833 Q_m .169 M₂ cid (L/H) (F_rQ_m)² .00010 P_{cr} 669 T_{cr} 388
TABLE IX & X TABLE IX & X

P_w, P_u = 34P

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11250	5625	5625		0					
2	GH		2525	3769	3769		0					
3	37.5GH		141338	141338	141338		0					
4	P_r or P _n		2702	2321	2318		1934	1968	1964	1965		
5	P _r		1104	347	346		2.89	2.94	2.94	2.94		
6	T		615	568	568		568	568	568	568		
7	T _r		1.59	1.46	1.46		1.46	1.46	1.46	1.46		
8	Z		.815	.745	.745		.754	.753	.753	.753		
9	P/2 P/2	4=8	2315	3115	3111		2565	2614	2608	2610		
10	P/TZ	9=6	5.39	5.48	5.48		4.52	4.60	4.59	4.60		
11	(P/TZ)/2/1000	(10)2/1000	.023052	.030030	.030030		X✓	X✓	X✓	X✓		
12	L/H(F _r Q _m) ²		.030010	.030010	.030010		X✓	X✓	X✓	X✓		
13		I ₁ + I ₂	.029062	.030040	.030040		X✓	X✓	X✓	X✓		
14	I _n	I ₀ ÷ I ₃	185.47	122.48	182.42		221.238	217.391	217.865	217.391		
15	M = P _n - P _{n-1}		381	324	384		324	350	354	354		
16	N = I _n + I _{n-1}		367.89	367.89			403.658					
17	M × N	15 × 16	147.166	141.970								
18	Σ (M × N)	Σ 17	292.115	141.338	101.105							

A P = 3 × 282,675 = 751 P_w = 2702 - 751 = 1951

One copy to be filed in District Office (Work copy acceptable)