

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

COMPANY Corinne Grace LEASE Humble-Grace WELL NO. 1 DATE 2/18/72
LOCATION: Unit P Section 2 Township 23 S Range 26 E
10,616 H 10,616 1/H 1.000 G .580 1.000 1.000 1.000
1.995 F₁ .018231 Q_m 4.193 M²/H (L/H) (F₁Q_m)² .005843 F₂ 672 T₀₁ 350
P = 692.694 + 2483.2 = 3276.0
873.753

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5308		10616						
2	Q_m		0	3078.64		6157.28						
3	Q_m		0	115,449		230,898						
4	$P_1 - P_n$		2483.2	2834.2	2882.0	3280.5	3276.1					
5	F_1		3.70	4.29	4.29	4.88	4.88					
6	F_1		533	580	580	627	627					
7	F_1		1.52	1.66	1.66	1.79	1.79					
8	F_1		.781	.846	.846	.905	.905					
9	$F_1 - F_2$		3179.5	3409.2	3406.6	3624.9	3620.0					
10	$F_1 - F_2$		5.9653	5.8779	5.8734	5.7813	5.7735					
11	$P_1 - P_n$		.035585	.034550	.034497	.033423	.033333					
12	$L/H(F_1Q_m)^2$		.005843	.005843	.005843	.005843	.005843					
13	L/H		.041428	.040393	.040340	.039266	.039176					
14	L/H		143.992	145.518	145.597	147.234	147.373					
15	$M^2/H - P_n - 1$		400.9	398.8	398.5	394.1						
16	$N = L_n + L_n - 1$		289.510	289.589	292.831	292.970						
17	$M \times N$		15 x 16									
18	$\Sigma (M \times N)$		$\Sigma 17$		115,488							