

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

COMPANY Corinne Grace LEASE Humble-Grace WELL NO. 1 DATE 2/18/72

LOCATION: Unit P Section 2 Township 23 S Range 26 E

L 10,616 H 10,616 L/H 1.000 G .580 S 0.000 - 0.110 - 0.110 -

d 1.995 ^{°018231} F₁ 2.137 Q_m M₂+1 (L/H) (F₁Q_m)² .001518 For 672 T_m 350

P = $\frac{692.694}{937.374}$ = 739.0 P_w = 3515.9 - 739.0 = 2776.9

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		10616	5308		0						
2	CH		6157.28	3078.64		0						
3	37.5GH		230,898	115,449		0						
4	P ₁ or P ₂		3515.9	3162.9	3154.3	2793.6	2775.9	2776.9				
5	P ₁		5.23	4.71	4.69	4.16	4.13	4.13				
6	P ₁		627	578	578	529	529	529				
7	P ₁		1.79	1.65	1.65	1.51	1.51	1.51				
8	P ₁		.917	.852	.852	.785	.784	.784				
9	P ₁ or P ₂		3834.1	3712.3	3702.2	3558.7	3540.7	3512.0				
10	P ₁ or P ₂		6.1150	6.1227	6.14052	6.7272	6.6932	6.6957				
11	P ₁ or P ₂											
12	L/H(F ₁ Q _m) ²											
13			I ₁ + I ₂									
14	I ₁		I ₀ + I ₃									
15	M = P _n - P _{n+1}		163.532	155.698	156.123	148.650	149.405	149.350				
16	N = I _n + I _{n+1}			353.0	361.6	360.7	378.4	377.4				
17	M x N			319.230	319.655	304.773	305.528	305.473				
18	Σ (M x N)		Σ I ₇		115,587			115,286				
			230,898		115,311			230,597				