

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

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 L/H 1.000 G .580 % CO₂ - % H₂ -

d 1.995 F₁ .018231 Q_m 4.193 M₂ of d (L/H) (F₁ Q_m)² .005843 P_{cr} 672 T_{cr} 250

P = 692.694
1003.520 = 690.3 P_w = 3276.0 - 690.3 = 2585.7

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		10616	5308		0						
2	OH		6157.28	3078.64		0						
3	37.5GH		230,898	115,449		0						
4	P ₂ of P _n		3276.0	2942.7	2936.8	2597.8	2584.7	2585.5				
5	P ₁		4.88	4.38	4.37	3.87	3.85	3.85				
6	T		627	580	580	533	533	533				
7	T ₁		1.79	1.66	1.66	1.52	1.52	1.52				
8	Z		.905	.848	.847	.782	.782	.782				
9	P ₁ Z P ₁ Z		3620.0	3470.2	3467.3	3322.0	3305.2	3306.3				
10	P ₁ T Z		9.6	5.7735	5.9781	6.2326	6.2011	6.2032				
11	(P ₁ T Z) ² / 1000	(10) ² / 1000										
12	L/H (F ₁ Q _m) ²											
13		I ₁ + I ₂										
14	I _n	I ₀ - I ₃	173.205	167.137	167.277	160.447	161.262	161.207				
15	N = P _n - P _{n-1}			333.3	339.2	339.0	352.1	351.3				
16	N = I _n + I _{n-1}			340.342	340.482	327.724	328.539	328.484				
17	M x N	I ₅ x I ₆			115.491			115.396				
18	Σ (M x N)	Σ I ₇	230,898		115,407			230,803				