

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

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

COMPANY Balco LEASE Cassidy Cor WELL NO. 1 DATE 1-9-81

LOCATION: Unit E Section 29 Township 23 S Range 30 E

L 12,213 H 0 L/H 0 G 5736 % CO₂ 0 % N₂ 0 % H₂S 0

d 2.075 F_r 0.0827 q_m 1.0407 M_{ctd} (L/H) (F_r q_m)² 0.00040 P_{CT} 677 T_{CT} 344

RATE 1

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6136		12,213						
2	GH		0	3520		7040						
3	37.5GH		0	131985		263992						
4	P _c or P _n		1893.2	2223.6	22053	2517.01	2492.14					
5	P _i		2.80	3.28	3.26	3.72	3.68					
6	T		507	585	585	662	662					
7	T _r		1.47	1.70	1.70	1.92	1.92					
8	Z		.750	.859	.860	.920	.919					
9	P/2 P/Z		2497.6	2589	2564	2736	2712					
10	P/TZ		4.9263	4.4254	4.3834	4.1327	4.0963					
11	(P/TZ) ² /1000	(10) ² /1000	.02427	.01959	.01921	.0171	.01678					
12	L/H(F _r q _m) ²		.00040	.00040	.00040	.00040	.00040					
13		I ₁ + I ₂	.62467	.01999	.01961	.01748	.01718					
14	I _n	I ₀ - I ₃	199.73	221.43	223.53	236.43	238.43					
15	M = P _n - P _{n-1}			3304	312	311.7	286					
16	N = I _n + I _{n-1}					459.96	461.96					
17	M x N	I ₅ x I ₆				132.057						
18	Σ (M x N)	Σ I ₇				132.057						