

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

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

COMPANY Balco LEASE Casey, Jr. WELL NO. 1 DATE 1-6-61

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

L 12,273 H 5 L/H 2560.1 G 5736 % CO₂ 0 % N₂ 0 % H₂S 0

d 2.875 F_r 0.001 Q_m 2560.1 M₂ d_d (L/H) (F_r Q_m)² 0.002178 P_{cr} 677 T_{cr} 344

RA 3.141

TABLE IX 8 x

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	521		12,273						
2	SH		0	2560		7040						
3	27501		0	13110		20244						
4	1000		1641.2	1999.64	1994.72	1629.5	2764.36					
5	1		2.51	2.45	2.45	3.39	3.37					
6	1		2.22	592.	592.	662.	662.					
7	1		1.52.	1.72.	1.72.	1.92.	1.92.					
8	1		.804.	.872.	.972.	.920	.920					
9	P _{cr} 7/2	7.5	2110.94	2293.07	2287.52	2491	2493					
10	P _{cr} 7/2	5+6	4.0439	3.8735	3.86405	3.7633	3.75515					
11	(P _{cr} 7/2) 2/10/20 (10) 2/10/20		.016354	.015005	.014931	.014162.	.014068					
12	L/H (F _r Q _m) ²		.002178	.002178	.002178	.002178	.002178					
13		I ₁ + I ₂	.015532	.017153	.017159.	.016340	.016246					
14	I _n	I ₀ + I ₃	216.22	225.43	225.84	230.31.	230.87					
15	M = P _n - P _{n-1}			302.44	297.24	297.26	289.02					
16	N = I _n + I _{n-1}			444.06			456.71.					
17	M x N	15 x 16		131,992			131,998					
18	Σ (M x N)	Σ I ₇		131,992.								

ΔP = 585.59

P_s 2282.79