

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

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

COMPANY Balco LEASE Cooley WELL NO. 1 DATE 1-2-66
LOCATION: Unit 2 Section 24 Township 23S Range 30E
L H L/H G % CO₂ % N₂ % H₂S
d F_r Q_m M²ctd (L/H) (F_rQ_m)² P_{cr} T_{cr}

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12,013	2,827								
2	OH		1040	255.0								
3	P ₁ Q ₁		13,000	18,100								
4	P ₁ Q ₂		240022	2140	218.57	10,6012	1847.18					
5	P ₁ Q ₃		2,222	2,110	3.1		473					
6	P ₁ Q ₄		600	291	3.4	2.4	519					
7	P ₁ Q ₅		1,92	1,72	1.72	1.51	1,51					
8	P ₁ Q ₆		.919	.868	.368	.785	.786					
9	P ₁ Q ₇		76011	24654	2457	2377	2350.1					
10	P ₁ Q ₈		3,145	4176	415135	457990	452813					
11	(P ₁ /T ₁) ² /1000	(10 ² /1000)										
12	L/H(F _r Q _m) ²											
13		I ₁ + I ₂										
14	I _n	I ₀ - I ₃	253.46	239.71	24054	218.34	221.00					
15	M = P _n - P _{n-1}			260.39	267.65	265.75	285.60					
16	N = I _n + I _{n-1}			493.17	494.00		461.54					
17	M x N	15 x 16			132,219							
18	Σ (M x N)	Σ 17	263,902		131,777		131,816					

ΔP = 551.28

P_{ws} = 1849.64