

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 Casidy 64 WELL NO. 1 DATE 1-2-68

LOCATION: Unit E Section 24 Township 23S Range 30E

L 12,213 H L/H G 5736 %CO₂ %N₂ %H₂S 0

d 2.615 F₁ 0.131 Q_m 13721 M₂ 0.14 (L/H) (F₁Q_m)² 0.000620 P_{cr} 677 T_{cr} 344

WATER

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6136		12273						
2	SH		0	3520		7040						
3	37504		0	121000		23200						
4	P ₁ /P ₂		19512	24003	00940	009004	05183					
5	P ₁ /P ₂		0.591	0.591	0.591	0.591	0.591					
6	P ₁ /P ₂		0.591	0.591	0.591	0.591	0.591					
7	P ₁ /P ₂		1.48	1.70	1.70	1.92	1.92					
8	P ₁ /P ₂		0.757	0.808	0.859	0.921	0.920					
9	P ₁ /P ₂	4.8	2568.1	2602.33	2659.14	2721.11	2782.5					
10	P ₁ /P ₂	9.6	5.0747	4.9700	4.53777	4.41055	4.13459					
11	(P ₁ /T ₁) ² /1000	(10) 2/1000	0.25153	0.25153	0.25153	0.25153	0.25153					
12	L/H(F ₁ Q _m) ²		0.000620	0.000620	0.000620	0.000620	0.000620					
13		II + I ₂	0.26312	0.21594	0.21217	0.2010	0.1776					
14	I _n	II + I ₂	112.36	214.05	213.87	219.57	-233.06					
15	M = P _n - P _{n-1}		243.00	325.00	304.50	295.34						
16	N = I _n + I _{n-1}		404.43	406.25	406.14	446.93						
17	M x N	15 x 16	131.916			131.916						
18	Σ (M x N)	Σ 17	131.916			263.942						