

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 Continental Oil Co. LEASE Red Hill

LOCATION: Unit 87 Section 5 Township 26S WELL NO. 1117 DATE 4/10/67

L 13424 H 13424 L/H 1 G 2.224 % CO₂ 0.18 % N₂ 24.1 % H₂S N.I.

d 2285 F_r 0.002 Q_m 8.360 M₂cid (L/H) (F_rQ_m)² 0.08411 P_{ci} 665 T_{ci} 328

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6.712		13424						
2	GH		0	4559.49		9218.98						
3	37.5GH		0	192.230		364.462						
4	P _c or P _n											
5	P _f		5025.2	5991.2	5780.2	6935.2	6919.2					
6	T		7.52	8.97	8.95	10.38	10.36					
7	T _f		549	592.5	592.5	646	646					
8	Z		1.38	1.50	1.50	1.62	1.62					
9	P/Z P/Z		.940	1.058	1.056	1.154	1.153					
10	P/TZ		5345.9	5662.8	5663.1	6609.2	5992.3					
11	(P/TZ) ² /1000	(10) ² /1000	9.72325	9.4725	9.4780	9.3029	9.2938					
12	L/H(F _r Q _m) ²		.094919	.089823	.089823	.086544	.086245					
13			.008411	.008411	.008411	.008411	.008411					
14	I _n	I ₁ + I ₂	10.3230	0982.34	0982.43	0949.55	0946.56					
15	M=P _n -P _{n-1}	I ₀ ÷I ₃	94.328	96.479	96.475	92.972	98.111					
16	N=I _n +I _{n-1}		966	955	955	937	937					
17	M x N		190.807	190.823	194.447	194.586						
18	Σ (M x N)	Σ I ₇	182.212	182.212	182.212	182.212	182.212					