

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P_c & P_w)

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

2nd

COMPANY TROPORO OIL & GAS LEASE Cabana WELL NO. 1 DATE 9/29/77

LOCATION: Unit N Section 1 Township 22 Range 30

L 12255 H 12255 L/H 1000 GMA 1.110 % CO₂ 0 % N₂ 0 % H₂S 0

Δ 2.441 F₁ 10107603 0 M₂cid (L/H) (F₁Q_m)² 0 P_{co} 652 T_{co} 522
TABLE IX & X TABLE IX & X

NE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12255	6122.2		0						
2	GH		13603	6801.5		0						
3	37.5GH		510114	255057		0						
4	P _c or P _n		5620.3	4565.7	4544.9	3469.5	3408.6	3409.6				
5	P _r		8.62	700	1.97	5.32	5.23	5.23				
6	T		656	595	595	534	534	534				
7	T ₁		1.24	1.13	1.13	1.01	1.01	1.01				
8	Z		1.036	.892	.888	.703	.692	.692				
9	P/Z P/Z	$\frac{4}{8}$	5425.0	5118.5	5118.1	4935.3	4925.2	4927.2				
10	P/TZ	$\frac{9}{6}$	8.2698	8.6024	8.6018	9.2421	9.2241	9.2270				
11	(P/TZ) ² /1000 (10) ² /1000											
12	L/H(F ₁ Q _m) ²											
13		$\frac{11}{1} + \frac{12}{2}$										
14	I _n	$\frac{10}{1} + \frac{13}{3}$	120.922	116.246	116.254	108.200	108.411	108.377				
15	M=P _n -P _{n-1}		1055	1075	1075	1025	1136	1135				
16	N=I _n +I _{n-1}		237.168	237.176	237.176	224.454	224.665	224.631				
17	M x N	$\frac{15}{1} \times \frac{16}{6}$	255.066	255.066	255.066	255.009	255.009	255.009				
18	Σ (M x N)	Σ 17	255048	255048	255048	255009	255009	255009				

Pa = 3416.2