

WORK SHEET FOR STEPWISE CALCULATION

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

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

COMPANY BOBORO 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 1.000 GMA 1.110 % CO₂ _____ % N₂ _____ % H₂S _____
 P_f 2441 P_i 010763 P_o 2014 M^2 4 (L/H) $(F_i Q_m)^2$.000470 P_c 652 T_{cr} 527
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6127.2		12255						
2	GH		0	6801.5		13603.0						
3	37.5GH		0	255057		510114						
4	P_c or P_n		2848.2	4016.4	3962.2	5083.6	5015.8		$P_s = 5004.5$			
5	P_r		4.37	6.16	6.08	7.80	7.69					
6	T		534	595	595	656	656					
7	T_r		1.01	1.13	1.13	1.24	1.24					
8	Z		.582	.803	.795	.962	.953					
9	P/Z or P/Z	$\bar{4} \div \bar{8}$	4843.8	5001.7	4990.2	5284.4	5263.2					
10	P/TZ	$\bar{9} \div \bar{6}$	9.1473	8.4063	8.3869	8.0554	8.0231					
11	$(P/TZ)/2(1000)$ $(10)^2/1000$		.083673	.070665	.070340	.064890	.064371					
12	$L/H(F_i Q_m)^2$		.000470	.000470	.000470	.000470	.000470					
13		$\bar{11} + \bar{12}$	.083791	.070783	.070458	.065008	.064489					
14	I_n	$\bar{10} \div \bar{13}$	109.168	118.761	119.034	123.914	124.412					
15	$M = P_n - P_{n-1}$			1168	1119	1116	1049					
16	$N = I_n + I_{n-1}$			227.929	228.202	242.948	243.446					
17	$M \times N$	$\bar{15} \times \bar{16}$			255363		255272					
18	$\Sigma (M \times N)$	$\Sigma \bar{17}$			254751							