

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

Form C-122E
Adopted 9-1-65

COMPANY S.L. LEASE Madura ST. 27 WELL NO. 1 DATE 6-17-86

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 12,798 H 12,798 L/H 1.00 G 1914.756 % CO₂ 1.295 % N₂ 650 % H₂S _____
d 2.440 $F_r 210507 Q_m$ 1.102 M² cfd (L/H) ($F_r Q_m$)² 1.000134 P_{CT} 1667 T_{CT} 408
TABLE IX B X TABLE IX B X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6399		12798						
2	GH		0	4838		9675						
3	37.SGH		0	181412		362823						
4	P_c or P_n		7083.2	8081.9	8054.5	90256	8974.5	8972.6				
5	P_f		10.62	18.12	12.08	13.53	13.46					
6	T		534	600	600	667	667					
7	T_r		1.31	1.47	1.47	1.63	1.63					
8	Z		1.206	1.294	1.290	1.371	1.366					
9	P/Z	4-8	5823.3	6345.7	6243.8	6583.2	6564.9					
10	P/TZ	9-6	10.99	10.41	10.40	9.87	9.85					
11	(P/TZ) ² /1000	(10) ² /1000	1.20971	1.08358	1.08293	1.09744	1.097022					
12	L/H($F_r Q_m$) ²		1.00134	1.00134	1.00134	1.00134	1.00134					
13		$I_1 + I_2$	1.21105	1.08492	1.08427	1.097548	1.097156					
14	I_n	$I_0 + I_3$	90819	95.947	95.976	101.179	101.383					
15	$M = P_n - P_{n-1}$			999	971	971	920					
16	$N = I_n + I_{n-1}$			186.7	186.8	197.2	197.4					
17	$M \times N$	15×16			181440		181570					
18	$\Sigma (M \times N)$	$\Sigma 17$			181382							