

WORK SHEET FOR STEPWISE CALCULATION

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

DATE 4-16-74

Form C-122E
Adopted 1-65

COMPANY Dorchester Exploration Lease ^{Trk.} W. 1/4 Sec 15 T22N R22E WELL NO. 1 DATE 4-16-74

LOCATION: Unit I Section 13 Township 21 S Range 34 E

L 11964 H 11964 L/H 1.0000 G 683 % CO₂ .301 % N₂ .848 % H₂S 0
d 1.995 F_r 0.0000 Q_m 0 M²-cid (L/H) (F_r Q_m)² 0 P_{CI} 669 T_{CI} 382
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11964	5988.0		0						
2	GH		8171.41	4085.71		0						
3	37.5GH		306428	153214		0						
4	P _c or P _n		2468.9	2105.9	2108.9	1753.9	1757.9					
5	P _f		3.68	3.15	3.15	2.62	2.63					
6	T		632	583.0	583.0	534.0	534.0					
7	T _r		1.65	1.53	1.53	1.40	1.40					
8	Z		1.836	.788	.788	.721	.721					
9	F/2	$\frac{4+8}{2}$	2946.1	2672.5	2676.3	2432.6	2438.1					
10	P/T2	$\frac{9+6}{2}$	4.6616	4.5840	4.5906	4.5554	4.5657					
11	(P/T2)/2/1000 (m ² /cm)											
12	L/H(F _r Q _m) ²											
13		$\frac{11+12}{2}$										
14	I _n	$\frac{10+13}{2}$	214.519	218.150	217.836	219.520	219.024					
15	M=P _n -P _{n-1}			357	354	355	351					
16	N=I _n +I _{n-1}			432.669	432.355	432.356	436.860					
17	M x N	$\frac{15 \times 16}{2}$			153.054		153.338					
18	$\Sigma (M \times N)$	ΣI_7	306428		153.374							