

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P_T & P_S)
(SURFACE) HUBBS OFFICE (P & R) (Q)

Form C-122E
Adopted 9-1-65

COMPANY Sutton, Dr. O. Co. LEASE Statewide "16"

WELL NO. Jan 19 11 44 AM '67

LOCATION: Unit J Section 2 Township 16 S Range 32 E

DATE 1-16-67

L 11,978 H 11,978 L/H 1.000 G 1.144 % CO₂ — % N₂ — % H₂S —

d 1.795 F_r 0.018231 Q_m 0 M₂ cfd (L/H) (F_r Q_m)² 0

P_{cr} 650 T_{cr} 537
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11,978	5989		0						
2	GH		13,762.8	6851.4		0						
3	37.5GH		513,355	256,118		0						
4	P _c or P _n		3762.6	2935	2880.9	1860.3	1784.9	1788.7	1787.6			
5	P _r		6,010	4,520	4,432	2,862	2,146	2,152	2,150			
6	T		6410	586	586	532	532	532	532			
7	T _r		1,172	1,091	1,091	9707	9907	9907	9907			
8	Z		.791	.617	.607	.388	.375	.375	.375			
9	P/Z	4-8	4933.7	4756.9	4746.1	4794.6	4757.7	4769.9	4766.9			
10	P/TZ	9-6	7,709	8,117	8,099	9,012	8,947	8,946	8,940			
11	(P/TZ) ² /1000	(10) 2/1000										
12	L/H(F _r Q _m) ²											
13		I ₁ + I ₂										
14	I _n	I ₀ ÷ I ₃	128,265	123,198	123,472	110,963	111,769	111,532	111,607			
15	M = P _n - P _{n-1}				1021.7	1020.6	1096	1092.2	1093.3			
16	N = I _n + I _{n-1}			251,463	251,737	234,435	235,241	235,004	235,079			
17	M x N	I ₅ x I ₆			256,923							
18	Σ (M x N)	Σ I ₇	513,355	9,716	256,932				256,932			