

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

Form C-122E
Adopted 9-1-65

COMPANY Skelly LEASE West Tail Unit WELL NO. 1 DATE 12-23-72
LOCATION: Unit H Section 20 Township 25 Range 36
L 16.449 H 16.449 L/H 1.000 G .719 %CO₂ 1.00 %N₂ 1.00 %H₂S .25
d 3.441 F_r .010763 Q_m 0 M_{std} (L/H) (F_rQ_m)² 0 P_{cr} 671 T_{cr} 391
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		16,449	8224.5		0						
2	GH		11,826.8	5913.42		0						
3	37.5GH		443,506	221,753		0						
4	P _c or P _n		5063.2	4232.2	4212.2	3362.2	3307.2	3312.2				
5	P _r		7.55	6.31	6.28	5.01	4.93	4.94				
6	T		676	603.5	603.5	531	531	531				
7	T _r		1.73	1.54	1.54	1.36	1.36	1.36				
8	Z		.999	.891	.889	.747	.741	.741				
9	P/Z		5068.3	4749.9	4738.1	4500.9	4465.9	4469.9				
10	P/TZ		7.4975	1.8706	7.8510	8.4763	8.4104	8.4179				
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	133.278	127.055	127.372	117.976	118.900	118.796				
15	M = P _n - P _{n-1}		92.1	97.1	85.0	90.3	90.0					
16	N = I _n + I _{n-1}		260.483	260.750	245.348	246.272	246.168					
17	M x N	15 x 16										
18	Σ (M x N)	Σ 17	443,506		221,753							

RECEIVED

SEP 27 1972

O.E. CONSERVATION COMM.
HONOLULU, H. I.