

WORK SHEET FOR STEPWISE CALCULATION

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

COMPANY Hammer Oil Co. LEASE Union 35 Fed WELL NO. 11 DATE 7-12-84
 LOCATION: Unit E Section 35 Township 22 S Range 28 E
L 11430 H 11430 LH 1.00 G 1.580 % CO₂ _____ % N₂ _____ % H₂S _____
 F_r 12.441 F_t Q_m M₂-fd (L/H) (F_rQ_m)² _____ P_{cc} 672 T_{cc} 350
 TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11430	5715		0						
2	GH		6629	3315		0						
3	37.SGH		248603	124301		0						
4	P _c or P _n		5312.7	4817.5	4805.1	4298.2	4264.2	4265.4	P _W = 4268.5			
5	P _r		7.91	7.17	7.15	6.40	6.35	6.35				
6	T		648	591	591	534	534	534				
7	T _r		1.85	1.69	1.69	1.53	1.53	1.53				
8	Z		1.029	.973	.972	.886	.883	.883				
9	P/Z P/Z	4÷8	5163.0	4951.1	4943.5	4851.3	4825.2	4830.5				
10	P/TZ	9÷6	7.967	8.378	8.365	9.085	9.043	9.046				
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	125.509	119.365	119.551	110.074	110.578	110.547				
15	M=P _n -P _{n-1}			495	508	506	541	540				
16	N=I _n +I _{n-1}			244.874	245.060	241.6	230.1	230.1				
17	M x N	I ₅ x I ₆			124395			124191				
18	Σ (M x N)	Σ I ₇			124207							