

3RD

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

WORK SHEET FOR STEPWISE CALCULATION

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

COMPANY Gabe S. Hammer LEASE Union 35 Fuel WELL NO. 1 DATE 7-12-84

LOCATION: Unit E Section 35 Township 22S Range 28E

L 11,430 H 11,430 L/H 1.00 G 1.580 % CO₂ _____ % N₂ _____ % H₂S _____
d 2.441 F_r 0.10763 Q_m 1.941 M₂-fd (L/H) (F_r Q_m)² 1.000436 P_c 672 T_{cf} 350

TABLE 18 & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5715		1,430						
2	GH		0	3315		6629						
3	37.5GH		0	124301		248603						
4	P _c or P _n		3483.2	4526.0	4505.5	5026.6	4996.4	PS= 4992.1				
5	P _r		5.93	6.74	6.70	7.48	7.44					
6	T		534	591	591	648	648					
7	T _r		1.53	1.69	1.69	1.85	1.85					
8	Z		1.859	1.952	1.950	1.009	1.007					
9	P/Z P/Z	4=8	4637.0	4754.2	4742.6	4981.7	4961.7					
10	P/TZ	9=6	8.684	8.044	8.025	7.688	7.657					
11	(P/TZ) ² /1000	10=2/1000	16754.04	10647.11	10613.97	10591.03	10586.28					
12	L/H(F _r Q _m) ²		1000436	1000436	1000436	1000436	1000436					
13		11=12	1.075840	1.065147	1.064833	1.059539	1.059064					
14	I _n	10=13	114.498	123.979	123.776	129.123	129.637					
15	M=P _n -P _{n-1}			542	522	521	490.9					
16	N=I _n +I _{n-1}			232977	238.3	252.9	253.4					
17	M x N	15=16			124456		124.399					
18	Σ(M x N)	Σ17			124147							