

WORK SHEET FOR STEPWISE CALCULATION
(SUBSURFACE) PRESSURE (P_c & P_w) 2 nd.

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

COMPANY SOUTHERN UNION LEASE STATE 17 WELL NO. # 1 DATE 04-13-80
LOCATION: Unit F Section 17 Township 14 S Range 36 E
L 13125 H 13125 L/H 1.000 G_{mix} .731 % CO₂ 3.543 % N₂ 3.285 % H₂S
d 1.995 F₀₁₈₂₃₀ 0 M₂cid (L/H) (F₁Q_m)² 0 P_{cr} 675 T_{cr} 387
TABLE 12 & 13

NE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		13125	6562.5		0						
2	GH		9594.4	4797.2		0						
3	37.5GH		359789	179894		0						
4	P _c or P _n		3622.7	3072.8	3063.7	2505.6	2477.9	2480.2	P _w = 2482.9			
5	F ₁		5.37	4.55	4.54	3.72	3.67	3.65				
6	T		665	599.5	599.5	534	534	534				
7	T ₁		1.72	1.55	1.55	1.38	1.38	1.38				
8	Z		.891	.811	.810	.696	.694	.694				
9	P/Z P/Z	4:5	4065.9	3788.9	3782.3	3599.9	3570.4	3573.8				
10	P/TZ	9:6	6.114	6.320	6.310	6.742	6.686	6.693				
11	(P/TZ) ² /1000	(10) 2/1000										
12	L/H(F ₁ Q _m) ²											
13		11 + 12										
14	I _n	10 + 13	163.557	158.229	158.500	148.338	149.565	149.424				
15	M=P _n -P _{n-1}			550	559	558	585	583				
16	N=I _n + I _{n-1}			321.786	322.058	306.838	308.065	307.924				
17	M x N	15 x 16			180046							
18	Σ (M x N)	Σ 17			179742							