

WORK SHEET FOR STEPWISE CALCULATION (SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) ~~4848-8-8-8-8-8~~ 2 nd

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

COMPANY SOUTHERN UNION EXPLORATION LEASE LEA L WELL NO. # 1 DATE 11-29-78

LOCATION: Unit G Section 14 Township 15 Range 34

L. 12600 H 12600 L/H 1.000 G mix .895 % CO₂ .59 % N₂ .43 % H₂S

d 1.1995 F_r .018230_m .692 M²cid (L/H) (F_rQ_m)² .000159 P_{cr} 662 T_{cr} 457

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6300	12600							
2	GH		0	5638.5	11277							
3	37.5GH		0	211444	422888							
4	P _u or P _n		3133.2	4085.0	4051.1	4965.8	4911.4		Ps=	4904.9		
5	P _r		4.73	6.17	6.12	7.50	7.42					
6	T		534	597	597	660	660					
7	T _r		1.17	1.31	1.31	1.44	1.44					
8	Z		.653	.818	.814	.948	.942					
9	P/Z P/Z	4.8	4798.2	4993.9	4976.8	5238.2	5213.8					
10	P/TZ	9.6	8.9853	8.3650	8.3364	7.9367	7.8397					
11	(P/TZ) ² /1000	(10) 2/1000	.080736	.069973	.069495	.062991	.062404					
12	L/H(F _r Q _m) ²		.000159	.000159	.000159	.000159	.000159					
13		I ₁ + I ₂	.080895	.070133	.069654	.063150	.062564					
14	I _n	I ₀ + I ₃	111.074	119.274	119.682	125.680	126.266					
15	M = P _n - P _{n-1}			952	918	915	860					
16	N = I _n + I _{n-1}			230.348	230.756	245.362	245.948					
17	M x N	I ₅ x I ₆			211818							
18	Σ (M x N)	Σ I ₇			211070							