

WORK SHEET FOR STEPWISE CALCULATION (SUBSURFACE) PRESSURE (P_f & P_s) 3rd.

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

COMPANY GULF OIL CORP. LEASE EDDY "D" FEED. COM. WELL NO. # 1 DATE 10-10-79

LOCATION: Unit F Section 20 Township 18S Range 31E

11502 H 11502 L/H 1.000 G_{mix} .746 % CO₂ .52 % N₂ 2.42 % H₂S 0
d 1.995 F_i .01823 q_m .282 M₂cf/d (L/H) (F_iQ_m)² .000026 P_{ci} 667 T_{ir} 408

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5751.0		11502						
2	GH		0	4290.2		8580.5						
3	37.5GH		0	160884		321768						
4	P _c or P _n		1983.2	2462.5	2451.0	2917.1	2902.9					
5	P _i		2.97	3.69	3.67	4.37	4.35					
6	T		534	587	587	640	640					
7	T _r		1.31	1.44	1.44	1.57	1.57					
8	Z		.625	.741	.740	.817	.817					
9	P/Z P/Z	4.8	3173.1	3323.2	3312.1	3570.5	3553.1					
10	P/TZ	9.6	5,942.2	5,661.3	5,642.4	5,579.0	5,551.7					
11	(F/T) ² /1000 (Q) ² /1000		.035309	.032051	.031837	.031125	.030822					
12	L ² (H(FQ _m) ²		.000096	.000096	.000096	.000096	.000096					
13		11 + 12	.035405	.032147	.031933	.031221	.030918					
14	I _n	10-13	167.833	176.110	176.696	178.694	179.566					
15	M=P _n -P _{n-1}			479	468	466	452					
16	N=I _n +I _{n-1}			343.943	344.529	355.390	356.262					
17	M x N	15 x 16			161158		161004					
18	Σ (M x N)	Σ 17			160610							