

WORK SHEET FOR STEPWISE CALCULATION (SUBSURFACE) PRESSURE (P_c & P_w) 3 rd.

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

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

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

11502 H 11502 L/H 1.000 G mix .746 % CO₂ .52 % N₂ 2.42 % H₂S 0
d 1.995 F₁ .018237 0 M₂ cfd (L/H) (F₁ Q_m)² 0 P_{ci} 667 T_{ci} 408

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11502	5751.0		0						
2	GH		8580.5	4290.2		0						
3	37.5GH		321768	160884		0						
4	P _c or P _w		2898.9	2452.9	2449.1	1999.4	1981.5	1983.5		P _{ci} = 1986.3		
5	P ₁		4.35	3.68	3.67	3.00	2.97	2.97				
6	F		640	587	587	534	534	534				
7	T ₁		1.57	1.44	1.44	1.31	1.31	1.31				
8	Z		.817	.741	.740	.624	.624	.624				
9	P/2 F/2		3548.2	3310.3	3309.6	3204.2	3175.5	3178.8				
10	F/TZ		5.5441	5.6393	5.6382	6.0004	5.9466	5.9527				
11	HP/TZ ² - 1000 (1000/2100)											
12	L/H(F ₁ Q _m) ²											
13												
14	I _n		180.372	177.326	177.361	166.655	168.163	167.990				
15	M=P _n -P _{n-1}			446	450	450	468	466				
16	N=I _n +I _{n-1}			357.698	357.733	344.016	345.524	345.351				
17	M x N				160900			160788				
18	Σ(M x N)				160868							