WORK SHEET FOR STEPWISE CALCULATION (SUBSURFACE) ~~(SURFACE)~~ PRESSURE (P_f & P_s) ~~(P_c & P_w)~~ 1st

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

COMPANY Gulf Oil Corp. LEASE Lentini Federal Com WELL NO. #1 DATE 6/19/81

LOCATION: Unit K Section 9 Township 235 Range 28E

L 12240 H 12240 L/H 1.000 G .5787 % CO_2 1.007 % N_2 .288 % H_2S ____

d 1.995 F_r .018231 Q_m 0 M^2cfd (L/H) $(F_rQ_m)^2$ 0 P_{cr} 672 (TABLE IX & X) T_{cr} 350 (TABLE IX & X)

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12240	6120		0						
2	GH		7083.3	3541.6		0						
3	37.5GH		265623	132812		0						
4	P_c or P_n		4988.5	4494.4	4477.7	3968.3	3928.3	3929.8		Pw=	3932.1	
5	P_r		7.42	6.69	6.66	5.91	5.85	5.85				
6	T		656	595	595	534	534	534				
7	T_r		1.87	1.70	1.70	1.53	1.53	1.53				
8	Z		1.022	.949	.948	.858	.854	.854				
9	P/Z P/Z	$\overline{4}\div\overline{8}$	4881.1	4735.9	4723.4	4625.1	4599.9	4601.6				
	P/TZ	$\overline{9}\div\overline{6}$	7.4407	7.9595	7.9384	8.6612	8.6141	8.6173				
11	$(P/TZ)^2/1000$	$(\overline{10})^2/1000$										
12	$L/H(F_rQ_m)^2$											
13		$\overline{11}+\overline{12}$										
14	I_n	$\overline{10}\div\overline{13}$	134.396	125.637	125.970	115.457	116.089	116.045				
15	$M=P_n-P_{n-1}$			494	511	509	549	548				
16	$N=I_n+I_{n-1}$			260.033	260.367	241.428	242.059	242.016				
17	M x N	$\overline{15}\times\overline{16}$			132982			132617				
18	Σ(M x N)	$\Sigma\overline{17}$			132641							