

WORK SHEET FOR STEPWISE CALCULATION (SUBSURFACE) PRESSURE (P₁ & P_s)
(SURFACE) (P₂ & P_s) 3rd

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 23S Range 28E

12240 H 12240 L/H 1.000 G 5787 % CO₂ 1.007 % N₂ 288 % H₂S

d 1.995 F_r 0.018234 2.090 M²cid (L/H) (F_rQ_m)² 0.001452 P_{cr} 672 T_{cr} 350

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6120		12240						
2	GH		0	3541.6		7083.3						
3	37.5GH		0	132812		265623						
4	P _c or P _n		3358.2	3886.2	3867.1	4374.0	4342.4		Ps=	4338.9		
5	P _r		5.00	5.78	5.75	6.51	6.46					
6	T		534	595	595	656	656					
7	T _r		1.53	1.70	1.70	1.87	1.87					
8	Z		.810	.908	.907	.985	.983					
9	P/2 P/Z		4145.9	4279.9	4263.6	4440.6	4417.5					
10	P/TZ		7.7639	7.1921	7.1657	6.7692	6.7339					
11	(P/TZ) ² /1000		0.60278	0.51742	0.51347	0.45823	0.45346					
12	L/H(F _r Q _m) ²		0.001452	0.001452	0.001452	0.001452	0.001452					
13			0.61730	0.53194	0.52799	0.47275	0.46798					
14	I _n		125.772	135.225	135.716	143.189	143.893					
15	M=P _n -P _{n-1}			528	509	507	475					
16	N=I _n +I _{n-1}			260.997	261.488	278.905	279.609					
17	M x N				133062		132896					
18	Σ(M x N)				132561							