

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P₁ & P₂)
(SURFACE) (P_c & P_w)

2nd

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

COMPANY Gulf Oil Exploration & Production Co. "C" Field. WELL NO. 1 DATE 8/2/84

LOCATION: Unit E Section 29 Township 26S Range 34E

L 11592 H 11592 LH 1.000 G mix .7383 % CO₂ 1.144 % N₂ .383 % H₂S

d 1.995 F₁ .01823 m .778 M₂cid (LH) (F₁Q_m)² 1.000201 P_{cr} 671 T_{cr} 402

TABLE 12.2

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LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5796		11592						
2	GH		0	4279		8558						
3	37.5GH		0	160470		320939						
4	P _c or P _n		6353.2	7221.7	7200.4	80471	8006.4		P _s = 8005.1			
5	P _r		9.47	10.76	10.73	11.99	11.93					
6	T		534	592	592	650	650					
7	T _r		1.33	1.47	1.47	1.62	1.62					
8	Z		1.101	1.186	1.183	1.265	1.261					
9	P/Z P/Z		5770.4	6089.1	6086.5	6361.4	6349.2					
10	P/TZ		9.6	10.8060	10.2852	10.2813	9.7867	9.7680				
11	(P/TZ) ² /1000	(10 ² /1000)	11676.9	105796	105705	095780	095415					
12	L/H(F ₁ Q _m) ²		.000201	.000201	.000201	.000201	.000201					
13			11 + 12	116970	105992	105906	095981	095616				
14	I _n		10 + 13	92.382	97.0376	97.079	101.965	102.159				
15	M = P _n - P _{n-1}			869	847	847	806					
16	N = I _n + I _{n-1}			189.420	189.462	189.045	199.239					
17	M x N			160505			160590					
18	Σ (M x N)			160434								