

COMPANY GULF OIL EXPL. & PROD. MARQUARDT FED. WELL NO. 3 DATE 3/21/83

LOCATION: Unit _____ Section 12 Township _____ Range 26e

L 11.182 H 11.182 L/H 1.000 G .5766 % CO₂ 1.200 % N₂ .337 % H₂S _____

d 1.995 F_f 0.1823 F_m 5.166 M² cfd (L/H) (F_f Q_m)² .008870 P_{CT} 672 T_{CT} 350

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5591		11182						
2	GH		0	3223.8		6447.5						
3	37.5GH		0	120891		241782						
4	P _c or P _n		3093.2	3607.7	3596.5	4099.1	4084.1					
5	P _f		4.60	5.37	5.35	6.10	6.08			Ps = 4081.2		
6	T		534	590	590	646	646					
7	T _r		1.53	1.69	1.69	1.85	1.85					
8	Z		.794	.892	.891	.950	.949					
9	P/Z P/Z	4-8	3895.7	4044.5	4036.4	4314.8	4303.5					
10	P/TZ	9-6	7.2954	6.8550	6.8414	6.6793	6.6618					
11	(P/TZ) ² /1000	(10 ² /1000)	.053222	.046991	.046805	.044612	.044380					
12	L/H(F _f Q _m) ²		.008870	.008870	.008870	.008870	.008870					
13		I ₁ + I ₂	.062092	.055861	.055675	.053482	.053250					
14	I _n	I ₀ + I ₃	117.493	122.716	122.882	124.888	125.105					
15	M = P _n - P _{n-1}			514	503	503	488					
16	N = I _n + I _{n-1}			240.208	240.374	247.770	247.986					
17	M x N	I ₅ x I ₆			120975		120913					
18	Σ (M x N)	Σ I ₇			120807							