

GULF OIL

COMPANY EXPLORATION & PROD. LEASE WHITE CITY PENN GAS WELL NO. COM UNIT 3 #2 DATE 10/11/82

LOCATION: Unit Section 28 Township 24 S Range 26 E

L 10850 H 10850 L/H 1.000 G .576 % CO₂ 1.41 % N₂ .30 % H₂S

d 1.995 F_r .018231 Q_m 1.179 M²cfd (L/H) (F_rQ_m)² .000462 P_{CT} T_{CT}

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5425		10850						
2	GH		0	3124.8		6249.6						
3	37.5GH		0	117180		234360						
4	P _s or P _n		2703.2	3089.6	3075.5	3446.5	3427.4			Ps = 3423.8		
5	P _r		4.02	4.60	4.58	5.13	5.10					
6	T		534	588.5	588.5	643	643					
7	T _r		1.53	1.68	1.68	1.84	1.84					
8	Z		.776	.867	.866	.917	.916					
9	P/Z P/Z	4÷8	3483.5	3563.5	3551.4	3758.5	3741.7					
10	P/TZ	9÷6	6.5234	6.0552	6.0347	5.8452	5.8191					
11	(P/TZ) ² /1000	10÷2/1000	.042555	.036666	.036417	.034167	.033862					
12	L/H(F _r Q _m) ²		.000462	.000462	.000462	.000462	.000462					
13		I ₁ + I ₂	.043017	.037128	.036879	.034629	.034324					
14	I _n	I ₀ ÷ I ₃	151.647	163.091	163.634	168.796	169.535					
15	M = P _n - P _{n-1}			386	372	371	352					
16	N = I _n + I _{n-1}			314.738	315.281	332.430	333.169					
17	M x N	I ₅ x I ₆			117382		117238					
18	Σ (M x N)	Σ I ₇			116978							

TABLE 1A & B

TABLE 1A & B