

COMPANY YPC LEASE Reiss Eff Federal WELL NO. 1 DATE 4-21-78

LOCATION: Unit K Section 20 Township 19S Range 25E

9370 H 9370 L/H 1000 G 1.577 % CO₂ 0.95 % N₂ 0.28 % H₂S Nil

296 (3481-3498)
744(11.40) = 1184
570(5.074) 38182
d 2.0186 F₁ 0.07219 GH 5406.5
P_{cr} 676 T_{cr} 347
TABLE IX & X TABLE IX & A

	S1	1	2	3	4	S1	1	2	3	4
Q _m		0.140	0.217	0.285	0.362					
T _w (W.H. °R)	616	615	615	614	614					
T _g (B.H. °R)	526	527	527	528	529					
T ₁ ($\frac{1}{w} + 1$ s)	571	571	571	571	571.5					
Z (Est.)	.836	.835	.836	.840	.842					
TZ	499.36	499.79	499.36	499.64	484.63					
GH/TZ	11.326	11.339	11.326	11.272	11.156					
e ^s (Table XIV)	1.5292	1.5299	1.5292	1.5261	1.5195					
1-e ^s (Table XIV)		0.3464	0.3460	0.3449	0.3419					
P ₁	2437.2	2213.2	2059.2	1912.2	1698.2					
P ₁ 2/1000	5939.4	4898.85	4240.3	3656.51	2883.88					
F ₁ (Table XV)	0.42472	0.42523	0.42492	0.42270	0.41835					
F _c = F ₁ TZ		8.2048	8.2192	8.2589	8.13448					
$\frac{1}{H} (1 - F_c Q_m)^2$		1.144	1.09837	2.354	3.071					
F _w = L/H (F _c Q _m) ² (1-e ^s)		1.321	3.181	5.540	9.430					
P _w 2 = P ₁ 2 + F _w		0.46	1.101	1.91	3.22					
P _w 2 = e ^s P _w 2		4848.71	4241.4	3658.47	2889.10					
P _s	9083.1	7494.5	6485.9	5583.1	4389.0					
P = ($\frac{P_1 + P_s}{2}$)	3014	2737.6	2546.8	2362.9	2094.5					
P _r = (P/P _{cr})	4.032	3.662	3.409	3.162	2.805					
T _r = (T/T _{cr})	1.6455	1.6455	1.6455	1.6455	1.6470					
Z (Table XI)	.836	0.835	0.836	0.840	0.842					