

COMPANY GULF OIL CORP. LEASE FEDERAL COM - 4 WELL NO. # 1 DATE 05-14-80

LOCATION: Unit K Section 4 Township 19S Range 32 E

L 12521 H 12521 L/H 1.000 G mix .715 % CO₂ .442 % N₂ .524 % H₂S
d 1.995 F_r .01823 M² cfd (L/H) (F_r Q_m)² 0 P_{cr} 668 T_{cr} 398
TABLE IX & X TABLE IX & X

IE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12521	6260.5		0						
2	GH		8952.5	4476.3		0						
3	37.5GH		335719	167859		0						
4	P _c or P _n		5198.1	4539.4	4518.5	3839.7	3790.1	3792.0		P _w =	3794.3	
5	P _i		7.78	6.80	6.76	5.75	5.67	5.68				
6	T		659	596.5	596.5	534	534	534				
7	T _r		1.66	1.50	1.50	1.34	1.34	1.34				
8	Z		1.005	.910	.907	.795	.789	.789				
9	P/Z, P/Z		5172.2	4988.3	4981.8	4829.8	4803.6	4806.0				
10	P/TZ		7.8486	8.3627	8.3517	9.0446	8.9956	9.0001				
11	(P/TZ) ² /1000	(10) ² /1000										
12	L/H(F _r Q _m) ²											
13		11 + 12										
14	I _n	10 ÷ 13	127.412	119.578	119.736	110.564	111.163	111.110				
15	M=P _n -P _{n-1}			659	680	679	728	727				
16	N=I _n +I _{n-1}			246.989	247.148	230.300	230.901	230.846				
17	M x N	15 x 16						167712				
18	Σ (M x N)	Σ 17			167753							

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MAY 27 1980

WILSON RESEARCH DIV.