

COMPANY Cockrell Corporation LEASE Federal Occidental WELL NO. 1 DATE Oct. 23 & 24, 1972

LOCATION: Unit Section Township Range

L 10674 H 10674 L/H 1.0 G .638 % CO₂ .29 % N₂ 1.0 % H₂S 0

d F_r Q_m M²cfd (L/H) (F_rQ_m)² P_{cr} 669 T_{cr} 389

TABLE IX B X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		10674	5337		0						
2	GH		6810	3405		0		delta P = (37.5 GH)				
3	37.5GH		255375	127687		0		I + 4I ₁ + I ₂				
4	P _c or P _n		1226.2	1074.2	1075.2	925.2	926.2	= 3 (255375)				
5	P _r		1.83	1.60	1.61	1.38	1.38	428.901 + 4 (425.661) + 413.985				
6	T		608	558	558	508	508					
7	T _r		1.56	1.43	1.43	1.31	1.31	= 300.3				
8	Z		.845	.821	.820	.782	.782					
9	P/Z P/Z	4÷8	1451.1	1308.0	1310.8	1183.1	1184.3	P _c = P _f - delta P				
10	P/TZ	9÷6	2.386	2.344	2.349	2.328	2.331					
11	(P/TZ) ² /1000	(10) 2/1000						= 1226.2 - 300.3				
12	L/H(F _r Q _m) ²											
13	I _n	I ₁ + I ₂						= 925.9				
14	I _n	I ₀ ÷ I ₃	418.985	426.577	425.661	429.383	428.909					
15	M = P _n - P _{n-1}			152	151	150	149					
16	M = I _n + I _{n-1}			837.971	845.562	852.238	855.033					
17	M x H	15 x 16										
18	Σ (M x H)	Σ 17										