

COMPANY Sundt Co LEASE Boxley Farms Unit WELL NO. 8 DATE 1-9-66

LOCATION: Unit 7 Section 5 Township 22S Range 23E

L 6051 H 6000 LH 1.0 G 656 % CO₂ % N₂ % H₂S

d 1945 F₁ 0.50889m 6.123 M₂ d₁ (L/H) (F₁Q_m)² 0.083477 P₁ 676 T₁ 3.25

Low FRICTION FACTOR AS SUGGESTED IN APPENDIX C

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		C	3450		6000						
2	GH		C	2263.2		4526.4						
3	37.5GH		C	84876		169876						
4	P _c or P _n											
5	P _t		2214.2	2522.35	2523.18	2532.18	2835.4					
6	T		3.30	3.765	3.765	4.227	4.2319					
7	T _r		5.33	5.61	5.61	5.89	5.89					
8	Z		1.421	1.496	1.496	1.570	1.570					
9	P/2		1.718	1.770	1.770	1.809	1.811					
10	P/T2		3083.8	3275.78	3276.69	3500.8	3496.12					
11	P/T2		5.786	5.83418	5.8408	5.9436	5.94357					
12	(P/T2) ² /1000		0.3348	0.34096	0.34115	0.3553	0.3523					
13	L/H(F ₁ Q _m) ²		0.08535	0.08535	0.08535	0.08535	0.08535					
14	I _n		0.42631	0.42631	0.42631	0.44065	0.43765					
15	M=P _n -P _{n-1}		136.97	136.95	136.95	134.88	135.62					
16	N=I _n +I _{n-1}		308.148	308.98	308	312.22	312					
17	M x N		274.68	274.66	274.66	271.83	272.57					
18	Σ (M x N)		84.876	84.876	84.876	84.876	84.876					

COMPANY _____ LEASE _____ WELL NO. _____ DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____

L _____ H _____ L/H _____ G _____ % CO₂ _____ % N₂ _____ % H₂S _____

D _____ F₁₀ 5088 Q_m 6.123 M² d d (L/H) (F₁₀ Q_m)² _____ P_{cr} _____ T_{cr} _____

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		6900	3450		0						
2	GH		4526.4	2263.2		0						
3	37.5GH		169.870	169.870		0						
4	P _c or P _n		2835.4	2589.8	2342.12	2348	2341.19	2341.49				
5	P _r		4.2319	3.865	3.869	3.564	3.494	3.495				
6	T		589	561	561	533	533	533				
7	T _r		1.570	1.496	1.496	1.421	1.421	1.421				
8	Z		.811	.813	.813	.719	.719	.719				
9	P/Z		3496.12	3185.48	3183.3	32634	325716	3257				
10	P/TZ		5.9357	5.6782	5.6832	6.1264	6.1094	6.1109				
11	(P/TZ) ² /1000	(10 ² /1000)										
12	L/H(F ₁₀ Q _m) ²											
13												
14	I _n		172.83	176.11	175.96	163.23	163.64	163				
15	M=P _n ¹ P _n ⁻¹			245.53	243.222	244.02	250.93	250.63				
16	N=I _n ¹ I _n ⁻¹			348.94	348.79	339.19	339.60					
17	M x N				84765							
18	Σ (M x N)	Σ 17			85115							

P_{cs} = 2344.85
One copy to be filed in District Office (This copy accepted)