

RATE NO. 4

COMPANY	Monsanto Company	LEASE	Coquina Federal	WELL NO.	1	DATE	5-27-75
LOCATION: UNIT	J	SECTION	31	TOWNSHIP	20-S	RANGE	27-E
10690	H	10690	L/H	1.0	G	.640	% CO ₂
							% N ₂
							% H ₂ S
d	1.995	F	0.18231	Q _m	.852	M ² cfd	(L/H) (F Q _m) ²
						.000241	P
							cr
						670	T _{cr}
							372

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5345	10690							
2	GH		0	3421	6842							
3	37.5GH		0	128280	256560							
4	P _c or P _n		1227.2	1412.6	1600.7							
5	P _r		1.83	2.11	2.39							
6	T		538	582	625							
7	T _r		1.45	1.56	1.68							
8	Z		.813	.840	.872							
9	O/Z P/Z		1509.4	1681.7	1835.7							
0	P/TZ		2.8057	2.8920	2.9372							
1	(P/TZ) ² /1000		.007872	.008364	.008627							
2	L/n(F _r Q _m) ²		.000241	.000241	.000241							
3			.008113	.008605	.008868							
4	I _n		346	336	331							
5	M=P _n ² -P _{n-1}			185	188							
6	P=1+I _{n-1}			691.657	681.916							
7	M x H			127957	128200							
8	Σ(M x H)			127957	256157							

$$\text{delta } P = \frac{3(256560)}{345,828 + 4(356,087) + 341,205} = \frac{769680}{2031,381} = 378.8$$