

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 .64 % CO₂ % N₂ % H₂S
 d F_r Q_m M²cfd (L/H) (F_rQ_m)² 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		12-280			256560.					
4	P _c or P _n		3256.2	3759.6	3749.5	3739.1	4221.0	4213.6	4206.5			
5	P _r		4.86	5.61	5.60	5.58	6.30	6.29	6.28			
6	T		536	581	581	581	625	625	625			
7	T _r		1.44	1.56	1.56	1.56	1.68	1.68	1.68			
8	Z		.774	.859	.859	.858	.926	.926	.926			
9	O/Z P/Z	4 ÷ 8	4206.9	4376.7	4364.9	4357.9	4558.3	4550.4	4542.6			
0	P/TZ	9 ÷ 6	7.849	7.540	7.519	7.507	7.293	7.281	7.268			
1	(P/TZ) ² /1000	(10 ² /1000										
2	L/H(F _r Q _m) ²											
3		11 ÷ 12										
4	I _n	10 ÷ 13	127.407	132.633	132.991	133.204	137.111	137.350	137.584			
5	M = P _n - P _{n-1}			503	493	483	482	475	467			
6	I _{n-1} + I _{n-1}			254.815	260.040	265.623	266.195	270.315	274.460			
7	M × I _n	15 × 16				128296			128173			
8	Σ(M × I _n)	Σ 17				128296			256469			

delta P = $\frac{3(256560)}{127.407 + 4(133.204)} + \frac{137.584}{797.807} = \frac{769680}{797.807} = 964.7$
 P = 3256.2 + 964.7 = 4220.9