

WORK SHEET FOR STEPWISE CALCULATION

Form G-122E
Adopted 9-1-65

COMPANY CONOCO LEASE Bell Lake Unit WELL NO. 1 DATE 5/14/69

LOCATION: Unit N Section 31 Township 23S Range 34E

L 13,249 H 13,249 L/H 1.000 G 578 % CO₂ .47 % N₂ .14 % H₂S 0

d 21756 F_r 0.16% Q_m 1.877 M²cfd (L/H) (F_rQ_m)² .0009663 P_{CT} 672 T_{CT} 346

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		13,249	6625		0						
2	GH		7658	3829		0						
3	37.5GH		287,175	143,587		0						
4	P _c or P _n		1724	1510	1512	1300	1304					
5	P _r		257	2.25	2.25	193	194					
6	T		635	585	585	535	535					
7	T _r		1.87	1.69	1.69	1.55	1.55					
8	Z		909	.881	.881	.846	.846					
9	P/Z	4÷8	1896	1714	1716	1537	1541					
10	P/TZ	9÷5	2.93	2.93	2.93	287	283					
11	(P/TZ) ² /1000 (10 ² /1000)											
12	L/H(F _r Q _m) ²											
13		11 + 12										
14	I _n	10÷13	335.6	341.3	341.3	348.4	347.2					
15	M=P _n -P _{n-1}			213.9	212.1	212.2	208.2	208.5				
16	N=I _n +I _{n-1}			676.9	676.9	689.7	688.5					
17	M x N	15x16			143,570		143,346					
18	Σ (M x N)	Σ 17	287,175		143,505							