

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE
(SURFACE) (P_c & P_w)

Form C-122-E
Adopted 9-1-65

COMPANY Necon LEASE Necon WELL NO. 1 DATE 3-28-75

LOCATION: Unit _____ Section _____ Township _____ Range _____

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

d 3.920 F_r 0.08224 Q_m 1.705 M₂ cfd (L/H) (F_r Q_m)² 0.00221 P_{cr} 668 T_{cr} 382
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11857	5729.5	0				AP = 3(375)(.6841)(11857)			
2	GH		8119.9	4059.9	0				280.545 + 4(268.047) + 258.844			
3	37.5GH		30447.5	152247	0				91.8484			
4	P _c or P _n		773.2	673.2	574.2	576.2			4611.581			-198.1
5	P _r		1.16	1.01	0.86	0.86						
6	T		635	514.5	514	514						
7	T _r		1.66	1.50	1.35	1.35						
8	Z		.924	.900	.875	.875						
9	P/Z, P/Z	4÷8	826.8	748.0	656.2	658.5			P _w = 773.2 - 198.1 = 575.1			
10	P/TZ	9÷6	1.3178	1.3020	1.2767	1.2812						
11	(P/TZ) ² /1000	(10) 2/1000	-	-	-	-						
12	L/H(F _r Q _m) ²		-	-	-	-						
13		I1 + I2	-	-	-	-						
14	I _n	I0÷I3	758.846	768.049	783.269	780.545						
15	M=P _n -P _{n-1}			100	99	97						
16	N=I _n +I _{n-1}			1576.887	1551.318	1563.814						
17	M x N	15 x I6		1526.89		1516.90						
18	Σ(M x N)	Σ I7	30447.5	151806								

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