

WORK SHEET FOR STEPWISE CALCULATION

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

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

474

COMPANY _____ LEASE _____ WELL NO. _____ DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 13,107 H 13,107 L/H 1.00 G 12,18.731 % CO₂ _____ % N₂ _____ % H₂S 401

d _____ F_i _____ Q_m _____ M^2_{cm} (L/H) ($F_i Q_m$)² _____ P_{ci} 668 T_{ci} 401

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		13,107	6554		0						
2	GH		9581	4791		0						
3	37.5GH		359,296	179,648		0						
4	P_c or P_n		9631.3	3980.3	3960.4	3291.4	3242.5	3244.9	$P_w = 3247.8$			
5	P_r		6.53	5.96	5.93	4.93	4.85	4.85				
6	T		665	600	600	534	534	534				
7	T_r		1.66	1.50	1.50	1.33	1.33	1.33				
8	Z		.961	.861	.859	.738	.732	.732				
9	P/Z P/Z	4±8	485.3	4622.9	4610.5	4455.9	4425.7	4422.8				
10	P/TZ	9±6	2.250	2.705	2.684	8.352	8.265	8.301				
11	$(P/TZ)^2/1000$	$(10^2/1000)$										
12	$L/H(F_i Q_m)^2$											
13		$I1 + I2$										
14	I_n	$I0 \div I3$	137.588	125.287	130.138	119.334	120.537	120.964				
15	$M = P_n - P_{n-1}$		651	671	669	718	716					
16	$N = I_n + I_{n-1}$		267.276	268.126	249.872	250.689	250.602					
17	$M \times N$	15×16			179913		179,031					
18	$\Sigma (M \times N)$	$\Sigma 17$			179383							

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FEB 7 1977

OIL CONSERVATION COMM.
HOBBS, N. M.