

WORK SHEET FOR STEPWISE CALCULATION
(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P_c & P_w)

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

COMPANY ILLINOIS LEASE LEAVITT WELL NO. 1 DATE 6-21-76
LOCATION: Unit 1 Section 12 Township 18 S Range 26 E
L 2 H 2 L/H 1.000 G 1.000 % CO₂ 0.000 % N₂ 1.000 % H₂S 0.000
d 1.000 F₁ 0.000 Q_m 0.000 M₂H (L/H) (F₁Q_m)² 0.000786 P_{cr} 669 T_{cr} 372
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		203.1	2015.5								
2	GH		5000.0						AP = 3/274131			
3	37.5GH		186121						248.2252	41252.206	41355	
4	P _{cr} or P _n		2106.3	1204.3	1896.3	1666.3	1670.3	1660.3	ΔP = 436.7			
5	P _r		2.15	2.82	2.07	2.45	2.50	2.50				
6	T		2.02	2.29	2.04	2.48	2.48	2.48	P _w = 2106.3	4135.7		
7	T _r		2.02	2.29	2.04	2.48	2.47	2.47				
8	Z		2.02	2.29	2.04	2.48	2.47	2.47				
9	P/Z P/Z	4/8	2.02	2.29	2.04	2.48	2.47	2.47				
10	P/Z	9/6	2.02	2.29	2.04	2.48	2.47	2.47				
11	(P/TZ) 2/1000 (10) 2/1000		2.02	2.29	2.04	2.48	2.47	2.47				
12	L/H(F ₁ Q _m) ²											
13		11 + 12										
14	I _n	10-13	203.1	2015.5	203.1	2015.5	203.1	2015.5				
15	M=P _n -P _{n-1}		203.1	2015.5	203.1	2015.5	203.1	2015.5				
16	N=I _n +I _{n-1}		203.1	2015.5	203.1	2015.5	203.1	2015.5				
17	M x N	15 x 16	203.1	2015.5	203.1	2015.5	203.1	2015.5				
18	Σ (M x N)	2/17	203.1	2015.5	203.1	2015.5	203.1	2015.5				