

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

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

COMPANY LANDO, INC. LEASE LEVITT COAL WELL NO. 1 DATE 5-25-76

LOCATION: Unit F Section 13 Township 18 S Range 26 E

L 2005 H 2005 I/H 1000 G 1000 % CO₂ 172 % N₂ 1.398 % H₂S 0.00

Pressure P_c 2201.31 P_w 669 T_{cr} 473
TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		903.1	4115.5		0						
2	GH		5870.15	2125		0						
3	37.5GH		22013.1	11006.3		0						
4	P _c or P _n		2900.0	1025.0	2604.0	2288.0	2188.0					
5	P _f		4.33	3.88	3.88	3.42	3.42					
6	T		618	581.5	581.5	545	545					
7	T _f		1.46	1.56	1.56	1.46	1.46					
8	E		1.87	1.80	1.80	1.45	1.45					
9	P/Z P/Z	4=8	1025.0	3242.5	3071.0	3025.4						
10	P/TZ	9=6	1025.0	3242.5	3071.0	3025.4						
11	(P/TZ) ² /1000	(10) 2/1000			56350	114341						
12	L/H(F ₁ Q _m) ²											
13		11+12										
14	I _n	10=13	162.507	179.266	179.337	177.462	177.617					
15	M=P _n -P _{n-1}			305	306	305	308					
16	N=I _n +I _{n-1}			339.768	359.684	357.189	357.189					
17	M x N	15 x 16			11011		107942					
18	Σ (M x N)	Σ 17	22013.1		110070							

P_w = 2900.0 - 618 = 2286.0

AP = 3(2201.31)

180.502 + 4(179.337) + 177.617

= 614.0