

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

Form C-122E
Adopted 9-1-65

(2-1)

COMPANY Superior LEASE State Q WELL NO. 1 DATE 11.13.76

LOCATION: Unit L Section 34 Township 21S Range 26E

L H L/H 1 G 1 % CO₂ 1 % N₂ 1 % H₂S 1
d F_r Q_m M²old (L/H) (F_rQ_m)² P_{cr} T_{cr}

ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1 H		10999	5500		0						
2 GH		6521	3311		0						
3 37.5GH		104830	124163		0						
4 P _c or P _n		1743.64	155929	1555.29	1441.61	1358.13					
5 P _r		2.58	2.31	2.30	2.02	2.01					
6 T		6048	584	584	510	520					
7 T _r		1.82	1.64	1.64	1.46	1.46					
8 Z		.906	.82	.862	.802	.803					
9 P/Z		1924.55	1808.92	1804.39	1705.26	1696.32					
10 P/TZ		2.96998	3.097462	3.089740	3.279304	3.250531					
11 (P/TZ) 2/1000		(10) 2/1000									
12 L/H(F _r Q _m) ²											
13		11 + 12									
14 I _n		10 ÷ 13	336.7	322.84	323.66	304.94	307.45				
15 M = P _n - P _{n-1}			184.35	188.25	187.76	197.25					
16 N = I _n + I _{n-1}			659.54	660.36	628.60	631.1					
17 M x N		15 x 16									
18 Σ (M x N)		Σ 17	248302		123989		248475				

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O.E.C.

ARTERIAL OFFICES