

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

Form C-122E
Adopted 9-1-65

COMPANY S.L. LEASE Madera ST. 27 WELL NO. 1 DATE 6-17-86

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 12,798 H 12,798 L/H 1.00 G 191X,756 % CO₂ _____ % N₂ _____ % H₂S _____

d _____ F_r _____ Q_m _____ M² c/d (L/H) (F_r Q_m)² _____ P_{cr} 667 T_{cr} 408

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12798	6399		0						
2	GH		9674	4838		0						
3	37.5GH		362823	181412		0						
4	P _c or P _n		9632.5	8717.4	8690.0	7747.8	7695.9	7666.2	P _{wo} = 7694.7			
5	P _r		14.44	13.07	13.03	11.62	11.54	11.54				
6	T		667	600	600.	534	534	534				
7	T _r		1.63	1.47	1.47	1.31	1.31	1.31				
8	Z		1.432	1.356	1.352	1.293	1.285	1.285				
9	P/Z	4/8	6726.4	6029.0	6027.5	5492.1	5485.0	5486.2				
10	P/TZ	9/6	10.08	10.72	10.72	11.22	11.22	11.22				
11	(P/TZ) ² /1000	(10/2)/1000										
12	L/H(F _r Q _m) ²											
13		I ₁ + I ₂										
14	I _n	I ₀ ÷ I ₃	99.158	93.327	93.348	89.118	89.163	89.160				
15	M = P _n - P _{n-1}		915	942	942	942	944	944				
16	N = I _n + I _{n-1}		192.5	192.5	182.5	182.5	182.5	182.5				
17	M x N	15 x 16	181432									
18	Σ (M x N)	Σ I ₇	181391									

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D.C.P.
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