

WORK SHEET FOR STEPWISE CALCULATION

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

5/2/12

COMPANY _____ LEASE _____ WELL NO. _____ DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 13,107 H 13,107 L/H 1.00 G MLX, 731 % CO₂ _____ % N₂ _____ % H₂S 401

d _____ F_i _____ Q_m _____ M₂ or M₁ (L/H) (F_i Q_m)² _____ P_c or P_w 1068 T_c 401

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		13,107	6534		0						
2	GH		9581	4791		0						
3	37.5GH		358,296	179,645		0						
4	P _c or P _n		5676.1	4941.7	4920.2	4166.0	4113.3	4115.5	Final P₁₀ = 4118.7			
5	P _r		8.50	7.40	7.37	6.24	6.16	6.16				
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		1.044	1.850	1.948	1.833	1.827	1.827				
9	P/Z P/Z	4÷8	5436.9	5301.8	5190.1	5041.2	4973.8	4976.4				
10	P/TZ	9÷6	8,176	8,670	8,650	9,366	9,314	9,315				
11	(P/TZ) ² /1000	(10) ² /1000										
12	L/H(F _i Q _m) ²											
13		I ₁ + I ₂										
14	I _n	I ₀ ÷ I ₃	122,313	115,349	115,605	106,714	107,363	107,307				
15	M = P _n - P _{n-1}			734	756	754	807	805				
16	N = I _n + I _{n-1}			237.7	237.9	232.4	222.9	222.9				
17	M x N	I ₅ x I ₆			179,866			179,444				
18	Σ (M x N)	Σ I ₇			179,430							