

WORK SHEET FOR STEPWISE CALCULATION

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

COMPANY Union Carbide LEASE 779111-117 WELL NO. 2 DATE 4-28-80

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 13565 H 12565 L/H _____ G _____ % CO₂ _____ % N₂ _____ % H₂S _____

d. _____ F_r _____ Q_m _____ M²cfd (L/H) (F_rQ_m)² _____ P_{CT} _____ T_{CT} _____

TABLE IX & X

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LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		13565	12565								
2	GH		11625	12565								
3	37.5GH		138945	217972								
4	P _c or P _n		5015.7	4150.2	4023.4		75.1					
5	P _r		4161	6.15	6.11							
6	T		292	5.15	6.18							
7	T _r		1.92	1.22	1.27							
8	Z		451		1.21							
9	P/Z	4÷8			4.985							
10	P/TZ	9÷6		10917								
11	(P/TZ) ² /1000	10÷2/1000										
12	L/H(F _r Q _m) ²											
13		11 + 12										
14	I _n	10÷13	131.706	123.583	124.119		112.173	113.242	112.497			
15	M=P _n -P _{n-1}			96.0	992	1021		1165	1111			
16	N=I _n +I _{n-1}			261.912	254789	291.038		291.16	215.20			
17	M x N	15x16										
18	Σ(M x N)	Σ17										