

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P_f & P_s)
~~(SURFACE)~~

Form C-122E
 Adopted 9-1-65

COMPANY Montano Oil Corp. LEASE Appe MF WELL NO. 1 DATE 4-22-86

LOCATION: Unit C Section 12 Township 17S Range 35E

L 12,935 H 12,935 L/H 1.00 G M I X 1.118 % CO₂ _____ % N₂ _____ % H₂S _____

d 1.995 F_r 1018231 Q_m 1243 M² cfd (L/H) (F_r Q_m)² 1.000020 P_{cr} 651 T_{cr} 530

TABLE IX B X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6468		12,935						
2	GH		0	7231		14,461						
3	37.5GH		0	27150		542,300						
4	P _c or P _n		2985.2	4930.0	4176.1	5364.4	5293.3	P _s =	5250.0			
5	P _r		4.58	6.50	6.41	8.24	8.13					
6	T		534	599	599	663	663					
7	T _r		1.01	1.13	1.130	1.25	1.25					
8	Z		609	1839	830	999	989					
9	P/Z	4-8	490.8	5041.7	5031.4	5364.8	5350.2					
10	P/TZ	9-6	9,179	8,417	8,399	8,099	8,073					
11	(P/TZ) ² /1000	(10 ² /1000)	1054262	107644	107555	1065597	1065167					
12	L/H(F _r Q _m) ²		1000020	1000020	1000020	1000020	1000020					
13		I ₁ + I ₂	1054262	107644	107555	1065597	1065167					
14	I _n	I ₀ ÷ I ₃	1054262	107644	107555	1065597	1065167					
15	M = P _n · P _{n-1}		1054262	107644	107555	1065597	1065167					
16	N = I _n + I _{n-1}		1054262	107644	107555	1065597	1065167					
17	M × N	I ₅ × I ₆	1054262	107644	107555	1065597	1065167					
18	Σ (M × N)	Σ I ₇										