

WORK SHEET FOR STEPWISE CALCULATION

ASSURANCE (SURFACE)

PRESSURE (P_c & P_w)

Form C-122-E
Adopted 9-1-65

APRAN Petroleum Development Corp. Lease Sum McKay Fed Well No. 2 DATE 5/13/78

CATION: Unit G Section 10 Township 19 Range 32

12720 H 12720 L/H 1.000 G_{net} 740 % CO₂ % N₂ % H₂S

d 6995 F_r 018230_m 0 % acid (L/H) (F_rQ_m)² P_{cr} 667 T_{cr} 405

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12720	6360		0						
2	GH		9412.8	4226.4		0						
3	37.5GH		352985	126490		0						
4	P _c or P _n		3411.3	2825.5	2872.6	2334.1	2299.4	2303.0	P _{cl} = 2312.3			
5	P _r		5.11	4.31	4.31	3.50	3.45	3.45				
6	T		661	597.5	597.5	534	534	534				
7	T _r		1.63	1.48	1.48	1.32	1.32	1.32				
8	Z		1.850	1.784	1.784	1.633	1.632	1.632				
9	P/2 P/Z	4÷8	4013.3	3667.8	3664.0	3687.4	3638.2	3644.0				
10	P/TZ	9÷6	6.0715	6.1385	6.1322	6.9053	6.8131	6.8239				
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	164.703	162.906	163.073	144.817	146.775	146.544				
15	M = P _n - P _{n-1}		536	539	538	573	570					
16	N = I _n + I _{n-1}		327.609	327.776	307.890	309.848	308.617					
17	M x N	15 x 16	176.490				176.358					
18	Σ (M x N)	Σ 17	176.490									