

WORK SHEET FOR STEPWISE CALCULATION

(SOURCE)

PRESSURE (P_e & P_w)

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

COMPANY Petroleum Development Corp.

LEASE Ben McKay

WELL NO. 2

DATE 5/13/73

LOCATION: Unit G

Section 10

Township 19

Range 32

12720 H

12720 L/H

1.000 G_{max}

.740 % CO₂

19 % N₂

32 % H₂S

1995 F_r

0 F_m

0 F₂

0 (L/H) (F_rQ_m)²

0 P_{cr}

667 T_{cr}

405

405

405

405

405

405

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12720	6360		0						
2	GH		9412.8	4706.4		0						
3	37.5GH		352980	176490		0						
4	P _e or P _n		3953.0	3358.7	3350.5	2748.8	2704.1	2702.2				
5	P _r		5.93	5.04	5.02	4.12	4.05	4.06				
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		.888	.812	.811	.660	.656	.657				
9	P/2 P/Z		4457.6	4136.3	4131.3	4164.8	4122.0	4120.5				
10	P/TZ		6.7346	6.9227	6.9144	7.7992	7.7192	7.7163				
11	(P/PTZ) ² /1000											
12	L/H(F _r Q _m) ²											
13												
14	I _n		148.487	144.452	144.626	128.218	129.548	129.595				
15	M=P _n -P _{n-1}			594	602	602	646	643				
16	N=I _n +I _{n-1}			292.939	293.113	272.844	274.174	274.221				
17	M x N				176595			176415				
18	Σ (M x N)				176385							