

WORK SHEET FOR STEPWISE CALCULATION
(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P_c & P_w)

Form C-122E
Adopted 9-1-65

COMPANY AMERICAN OIL FIELD LEASE PLATE 11110 WELL NO. 1 DATE 3-4-70

LOCATION: Unit 23 Section 23 Township 12 Range 32

L 5400 H 0400 L/H 1.000 G 1.735 %CO₂ - %N₂ - %H₂S -

d 1995 F_i 0.01523 Q_m 3.573 M₂ cfid (L/H) (F_iQ_m)² 1.0001203 P_{cr} 4.68 T_{cr} 401

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	2700			0000					
2	GH		0	5054.5			6302					
3	37.5GH		0	128.5722			259.384					
4	P _c or P _n		1034.2	1329.8	1339.8	1314.3	1662.4	1610.3				
5	P _r		1.55	1.96	2.97	1.97	2.40	2.41				
6	T		534	500	500	500	624	624				
7	T _r		1.33	1.36	1.36	1.36	1.57	1.57				
8	Z		1.751	1.744	1.743	1.743	1.830	1.830				
9	P/Z		1397.1	1759.8	1973.6	1794.3	1920.6	1900.1				
10	P/TZ		2.5784	3.2312	3.2603	3.2616	3.0032	3.0893				
11	(P/TZ) ² /1000	(10) ² /1000	.006657	.010401	.010623	.010638	.009450	.009523				
12	L/H(F _i Q _m) ²		.034235	.002203	.000000	.000000	.000000	.000000				
13			.010693	.014650	.014592	.014331	.012663	.012706				
14	I _n		226.700	226.009	219.224	209.179	226.819	229.166				
15	M=P _n -P _{n-1}		4	226.6	282.3	204.1	264.1	292.0				
16	N=I _n +I _{n-1}		486.200	486.200	455.063	485.518	483.148	480.209				
17	M x N		15 x 16			129.526		129.435				
18	Σ (M x N)	Σ 17				129.526		258.961				

3 (258.088)

777.286.000

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