

WORK SHEET FOR STEPWISE CALCULATION (SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P_f & P_s) 3rd

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

COMPANY MESA PETROLEUM COMPANY LEASE RIO STATE WELL NO. # 1 DATE 5-24-79

LOCATION: Unit K Section 36 Township 18 Range 24

L 8701 H 8701 L/H 1.000 G .595 % CO₂ .53 % N₂ .39 % H₂S

d 1.995 F₁ 0.182310_m 1.755 M₂ ctd (L/H) (F₁Q_m)² .001024 P_{ct} 671 T_{ct} 358
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	4350.5		8701						
2	GH		0	2588.5		5177						
3	37.5GH		0	97071		194141						
4	P _c or P _n		2033.2	2281.5	2279.7	2526.0	2522.4		Ps=	2522.2		
5	P _r		3.03	3.40	3.40	3.76	3.76					
6	T		534	577.5	577.5	621	621					
7	T _r		1.49	1.61	1.61	1.73	1.73					
8	Z		.776	.818	.818	.856	.856					
9	P/Z P/Z		2620.1	2789.1	2786.9	2950.9	2946.7					
10	P/TZ		4.9066	1.8296	4.8258	4.7518	4.7151					
11	(P/TZ) ² /1000		.024074	.023325	.023288	.022580	.022516					
12	L/H(F ₁ Q _m) ²		.001024	.001024	.001024	.001024	.001024					
13			.025098	.024349	.024312	.023604	.023539					
14	I _n		195.496	198.352	198.495	201.318	201.580					
15	M=P _n -P _{n-1}		248	246	246	243						
16	N=I _n +I _{n-1}		393.848	393.991	399.813	400.075						
17	M x N		15 x 16		97106		97098					
18	Σ (M x N)		Σ 17		97035							