

WORK SHEET FOR STEPWISE CALCULATION

COMPANY Marine Drilling LEASE Marble Point WELL NO. 1 DATE 11/23/76

LOCATION: Unit G Section 24 Township 20 Range 27

L 11191 H 11191 L/H 1.000 G .588 % CO₂ _____ % N₂ _____ % H₂S _____

d 2441 F₁ 0.0107 Q_m 6.260 M₂ cfd (L/H) (F₁ Q_m)² .005294 P_{CT} 672 T_{CT} 354

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5595.5		11191						
2	GH		0	3990.2		6580.3						
3	37.5GH		0	123381		2416762						
4	P _c or P _n		1784.2	2122.6	2121.2	2458.2	2459.0					
5	P _r		2166	3.16	3.16	3.66	3.66					
6	T		534	590	590	6416	6416					
7	T _r		151	167	167	182	182					
8	Z		1289	.862	.862	.890	.890					
9	P/Z P/Z	4÷8	2261.3	2462.4	2460.8	2762.0	2763.0					
10	P/TZ	9÷5	4.2347	4.1735	4.1709	4.2755	4.2770					
11	(P/TZ) ² /1000	(10) 2/1000	.017933	.017418	.017396	.018280	.018293					
12	L/H(F ₁ Q _m) ²		.005294	.005294	.005294	.005294	.005294					
13		I ₁ + I ₂	.023227	.022712	.022690	.0233594	.0233587					
14	I _n	I ₀ - I ₃	182.319	183.756	183.818	181.365	181.328					
15	M = P _n - P _{n-1}			338	337	337	338					
16	N = I _n + I _{n-1}			366.075	366.137	365.183	365.146					
17	M x N	I ₅ x I ₆			123388		1234119					
18	Σ (M x N)	Σ I ₇			123374							