

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE ~~REQUIRED~~

COMPANY Corlino Grace LEASE Humble-Grace WELL NO. 1 DATE 7/28/71

LOCATION: Unit P Section 2 Township 23 South Range 26 East

L 10,616 H 10,616 L/H 1.000 G .380 % CO₂ - % N₂ - % H₂S -
d 1.995 F_i .010231 Q_m 3.158 M²cid (L/H) (F_iQ_m)² .003314 P_{ci} 672 T_{ci} 350
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5308		10616						
2	GH		0	3078.64		6157.28						
3	37.5GH		0	115,449		230,898						
4	P _c or P _n		3383.2	3859.7	3848.3	4312.6	4294.6	4294.0				
5	P _i		5.03	5.74	5.73	6.42	6.39	6.39				
6	T		530	580.5	580.5	627	627	627				
7	T _i		1.51	1.66	1.66	1.79	1.79	1.79				
8	Z		.815	.896	.895	.960	.959	.959				
9	P/Z P/Z		4151.2	4307.7	4299.8	4492.3	4478.2	4477.6				
10	P/TZ		7.8325	7.4207	7.4071	7.1648	7.1423	7.1413				
11	(P/TZ) ² /1000	(10 ² /1000)	.061348	.053067	.054065	.051304	.051012	.050998				
12	L/H(F _i Q _m) ²		.003314	.003314	.003314	.003314	.003314	.003314				
13			.064662	.058381	.058179	.054648	.054326	.054312				
14	I _n		121.130	127.108	127.316	131.108	131.471	131.487				
15	M=P _n -P _{n-1}			476.3	465.1	464.3	446.3	445.7				
16	N=I _n +I _{n-1}			248.238	248.446	258.424	258.787	258.803				
17	M x N				115,552			115,348				
18	Σ (M x N)	Σ I ₇			115,552			230,900				