

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

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

COMPANY South Atlantic Co. LEASE

St. 32 Well No. 1

DATE 12/3/79

LOCATION: Unit B Section 32 Township 19 Range 28

10116 H 10116 LH 1000 G 601 % CO₂ 28 % N₂ 67 % H₂S

d 1.995 F_r .018331 0 M₂ G₁₆ (L/H) (F_r Q_m)² 0 P_c 671 T_{cr} 358

TABLE IX A X

L	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		10116	5058		0						
2	GH		6079.7	3039.9		0						
3	37.5GH		227989	113995		0						
4	P _c or P _n		3482.7	3142.5	3127.2	2720.9	2752.7	2753.8				
5	P _r		5.19	4.68	4.66	4.13	4.10	4.10				
6	T		635	584.5	584.5	534	534	534				
7	T _r		1.77	1.63	1.63	1.49	1.49	1.49				
8	Z		919	823	822	780	779	779				
9	P/Z P/Z	4.8	3789.7	3818.4	3804.3	3555.0	3533.6	3535.0				
10	P/TZ	9.6	519680	6,5328	1,5087	6.6573	6.6172	6.6199				
11	(P/TZ) ² /1000	(10) 2/1000										
12	L/H(F _r Q _m) ²											
13	I ₁ + I ₂											
14	I _n	10 ÷ I ₃	167561	153,075	153,640	150,244	151,121	151,060				
15	M = P _n - P _{n-1}			340	356	354	375	373				
16	N = I _n + I _{n-1}			320,636	321,201	303,851	304,761	304,700				
17	M × N	15 × 16			114196			113770				
18	Σ (M × N)	Σ I ₇			113793							