

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

Form C-122-E
Adopted 9-2-65

COMPANY South Atlantic Lease

WELL NO. 1

DATE

12/3/79

LOCATION: Unit

B

Section

32

Township

19

Range

28

10116 H

10116 LH

1000 G

1601 % CO₂

128 % N₂

167 % H₂S

1.995 F₁ .018231 Q_m

0 M₂ G₁ (L/H) (F₁ Q_m)²

0 P_c 671 T_c 358

TABLE IX A X

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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		3189.8	2873.4	2860.5	2531.9	2514.6	2515.8				
5	P _r		475	4.28	4.26	3.77	3.75	3.75				
5	T		635	584.5	584.5	534	534	534				
7	T _r		1.77	1.63	1.63	1.09	1.49	1.49				
8	Z		.905	.816	.816	.712	.712	.722				
9	P/Z P/Z	<u>4.8</u>	3524.6	3521.4	3505.5	3279.6	3257.5	3258.8				
10	P/TZ	<u>9.6</u>	5.5506	6.0246	5.9974	6.1417	6.0997	6.1026				
11	(P/TZ) ² /1000	(10) ² /1000										
12	L/H(F ₁ Q _m) ²											
13		<u>11 + 12</u>										
14	I _n	<u>10 ÷ 13</u>	180.160	165.247	166.734	162.822	163.942	163.865				
15	M=P _n -P _{n-1}			316	329	329	346	345				
16	N=I _n +I _{n-1}			346.147	346.899	329.561	330.681	330.604				
17	M x N	<u>15 x 16</u>			113995			113968				
18	Σ (M x N)	<u>Σ 17</u>		113994								

P₀ = 2513.3