

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

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

COMPANY Robert H. Brown

LEASE

WELL NO.

DATE

LOCATION: Unit

Section

Township

Range

11/20 H 11/20

L/H 1.00

G 1.6/1

%CO₂

%N₂

%H₂S

23.992 F₁₀₀₆₃₃₄₉ Q_m

M₂cid (L/H) (F₁Q_m)²

P_c 671 T_{cf} 362

TABLE IX A.4

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LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11,120	5560								
2	GH		6794	3397								
3	37.5GH		254787	127394								
4	P _c or P _n		5501.3	4986.4	4963.9	4427.2	4363.6	4344.8	P ₁₀ = 4395.5			
5	P _r		8.20	7.42	7.40	6.80	6.55	6.55				
6	T		645	590	590	534	534	534				
7	T _r		1.78	1.63	1.63	1.48	1.48	1.48				
8	Z		1.043	.969	.968	.898	.895	.895				
9	P/Z P/Z	4:8	5274.5	5136.7	5128.0	4930.1	4909.1	4910.4				
10	P/TZ	9:6	8,178	8,711	8,652	9,232	9,193	9,195				
11	(P/TZ) ² /1000 (10 ³ 2/1000)											
12	L/H(F ₁ Q _m) ²											
13		I ₁ + I ₂										
14	I _n	I ₀ + I ₃	122,457	114,792	115,054	108,315	108,778	108,749				
15	M = P _r - P ₀ - 1			521	537	536	570	569				
16	N = I _n + I _{n-1}			237,079	237,341	223,364	223,830	223,803				
17	M x N	15 x 16		127394				127376				
18	Σ (M x N)	Σ I ₇		127393								