



WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P_c & P_w)

Form C-122E
Adopted 9-1-65

COMPANY

Exxon

LEASE

Chas. L. ...

WELL NO.

1

DATE

3-11-70

LOCATION: Unit

C

Section

23

Township

12

Range

32

L *9400*

H *9400*

L/H

1.000

G *725*

% CO₂

% N₂

% H₂S

400

$d \frac{1.975}{F_{1.018234} Q_m} \frac{2.714}{M^2 cfd} \frac{(L/H) (F_{1.018234})^2}{P_{CT}}$

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LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	4740		9400						
2	GH		0	3454.50		6809.00						
3	37.5GH		0	1295.44		2590.88						
4	P _c or P _n											
5	P _r		2.59	3.11	3.14	3.17	3.70					
6	T		5.34	5.44	5.44	6.28	6.28					
7	T _r		1.33	1.36	1.36	1.57	1.57					
8	Z		1.663	1.675	1.675	1.803	1.803					
9	P/Z		2.646.6	2.676.7	3.108.8	3.673.9	3.674.4					
10	P/TZ		41.85/3	5.480.6	5.714.1	44.834.9	44.845.5					
11	(P/TZ) ² /1000	(10) ² /1000	.023836	.031086	.033641	.023950	.023966					
12	L/H(F _{1.018234}) ²		.093008	.002008	.002008	.002008	.002008					
13			.026270	.034431	.035099	.026496	.026414					
14	I _n	10+I ₃	16.5.781	16.2.408	16.2.408	18.5.363	18.5.336					
15	M=P _n -P _{n-1}		348.6	370.1	370.1	370.5	370.6					
16	N=I _n +I _{n-1}		350.026	348.001	348.001	348.163	348.135					
17	M x N	15 x 16										
18	Σ (M x N)	Σ I ₇										

AP = 36259066
One copy to be filed in District Office (Work copy acceptable)