

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

Form C-122E
Adopted 9-1-85

END

COMPANY

FL

LEASE

Madura ST 27

WELL NO.

1

DATE

LOCATION: Unit

Section

Township

Range

L *12, 798*

H *12, 798*

L/H *1.00*

G *MLK. 756*

% CO₂

% N₂

% H₂S

d

F_r

Q_m

M²cf/d

(L/H) (F_rQ_m)²

P_{cr}

TABLE IX & X

T_{cr}

TABLE IX & X

667

408

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12798	6399		0						
2	GH		9679	4838		0						
3	37.SGH		363823	181412		0						
4	P _c or P _n		89726	8075.3	8051.9	7132.3	7078.9	7075.8	<i>P_{wo} = 7079.1</i>			
5	P _i		1346	13.11	13.07	10.69	10.61	10.61				
6	T		667	600	600	534	534	534				
7	T _r		1.63	1.47	1.47	1.31	1.31	1.31				
8	Z		1.366	1.286	1.283	1.212	1.205	1.205				
9	P/Z		6568.5	6282.5	6275.9	5884.7	5874.6	5875.3				
10	P/TZ		9.85	10.47	10.46	11.02	11.00	11.00				
11	(P/TZ) ² /1000	(10) ² /1000										
12	L/H(F _r Q _m) ²											
13		$\frac{11 + 12}{2}$										
14	I _n	$\frac{10 + 13}{2}$	101.545	95.503	95.604	90.744	90.899	90.889				
15	M = P _n - P _{n-1}		893	930	920	973	972					
16	N = I _n + I _{n-1}		197.1	197.2	186.4	186.5						
17	M x N	$\frac{15 \times 16}{2}$			181505			181307				
18	Σ (M x N)	Σ 17			181318							