

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE)
(SURFACE)

PRESSURE
(P_c & P_w)

2nd

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

DATE 3.29/83

WELL NO. 2

COMPANY Liberty Oil & Gas LEASE Lee Federal Com

Range 20e

Section 25 Township 20s

LOCATION: Unit

L 10619 H 10619 L/H 1,000 G .6444 % CO₂ .391 % N₂ 1,970 % H₂S

d 1.995 F_r .018231 Q_m 0 M^2 -cid (L/H) ($F_r Q_m$)² 0 P_{cr} 670 T_{cr} 372

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		10619	5309		0						
2	GH		6842.9	3421.4		0						
3	37.5GH		256608	128304		0						
4	P_c or P_n		4172.1	3721.9	3713.4	3255.8	3230.6	3231.8				
5	P_r		6.23	5.56	5.54	4.86	4.82	4.82				
6	T		640	587	587	534	534	534				
7	T_r		1.72	1.58	1.58	1.44	1.44	1.44				
8	Z		.929	.870	.870	.780	.788	.788				
9	P/Z P/Z		4491.0	4278.1	4268.3	4174.0	4152.5	4154.0				
10	P/TZ		7.0171	7.2881	7.2714	7.8166	7.7762	7.7791				
11	$(P/TZ)^2/1000$											
12	$L/H(F_r Q_m)^2$											
13	$\bar{I}_1 + \bar{I}_2$											
14	$\bar{I}_n$		142.510	137.209	137.524	127.932	128.597	128.549				
15	$M = P_n - P_{n-1}$			450	459	458	483	482				
16	$N = I_n + I_{n-1}$			279.719	280.034	265.457	266.121	266.073				
17	$M \times N$				128448			128136				
18	$\Sigma (M \times N)$				128160							

Pw=3234.6