

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

COMPANY Robert L. Hammond LEASE _____ WELL NO. _____ DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____

1120 H 1120 LN 1.00 G 1.61 % CO₂ 1.11 % N₂ 1.39 % H₂S _____
d 2.992 F_r .0063249 Q_m 6.449 M₂rid (L/H) (F_rQ_m)² .001663 P_c 671 T_{cr} 362
TABLE 1A & B TABLE 1B & C

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5560		11,120						
2	GH		0	3397		6794						
3	37.5GH		0	127394		354787						
4	P _c or P _n		43512	509.3	4966.1	5576.9	5516.1	5501.3				
5	P _r		648	7.480	240	8.31	8.22					
6	T		534	590	590	645	645					
7	T _r		148	163	1.63	1.78	1.78					
8	Z		785	972	968	1048	1.044					
9	P/2 P/Z	4/8	4514.8	5163.9	5130.3	5321.5	5383.6					
10	P/TZ	9/6	10.327	8.752	8.655	8.350	8.1917					
11	(P/TZ) ² /1000 (10) ² /1000		1066.55	076603	075610	068068	067103					
12	L/H(F _r Q _m) ²		1.001663	1.001663	1.001663	1.001663	1.001663					
13		11 + 12	108518	078266	077273	069731	068766					
14	I _n	10 ÷ 13	95393	111.828	112.528	118.317	119.123					
15	M = P _n - P _{n-1}			668	615	611	550					
16	N = I _n + I _{n-1}			207171	207.871	230.845	231.651					
17	M × N	15 × 16			127.825		127.406					
18	Σ (M × N)	Σ 17			126.962							