

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

COMPANY John S. Hunter LEASE

WELL NO. DATE

LOCATION: Unit Section Township Range

11/20 H 11/20 L/H 1.00 G 16/1 % CO₂ % N₂ % H₂S
2542 F₁ 2063214 Q_m M₂ cid (L/H) (F₁ Q_m)² P_c 671 T_{ci} 362
TABLE IX A.3 TABLE IX B.3

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		16120	5560		0						
2	GH		6764	3394		0						
3	37.5GH		254287	127304		0						
4	P _c or P _n		5542.5	5051.2	5002.7	4466.0	4429.9	4403.4	4403.1			
5	P _r		8.26	7.48	7.46	6.85	6.60	6.60				
6	T		645	590	590	534	534	534				
7	T _r		1.78	1.63	1.63	1.47	1.48	1.48				
8	Z		1.046	.972	.971	.900	.898	.858				
9	P/Z P/Z	4÷8	5898.8	5163.8	5152.1	4960.0	4933.1	4934.9				
10	P/TZ	9÷6	8.215	8.752	8.732	9.288	9.238	9.241				
11	(P/TZ) ² /1000 (10) ² /1000											
12	L/H(F ₁ Q _m) ²											
13		I ₁ + I ₂										
14	I _n	I ₀ ÷ I ₃	121.727	114.257	114.517	107.664	108.249	108.212				
15	M = P _n - P _{n-1}			523	540	539	573	571				
16	N = I _n + I _{n-1}			235884	236244	232178	222.765	222.729				
17	M × N	15 × 16			127535			127.231				
18	Σ (M × N)	Σ I ₇			127232							