

WORK SHEET FOR STEPWISE CALCULATION

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

4714

COMPANY Agri & Hammer LEASE _____ WELL NO. _____ DATE _____

LOCATION: Unit _____ Section _____ Township _____ Range _____

1120 H 1120 L/H 1.000 G 611 % CO₂ _____ % N₂ _____ % H₂S 362

42992 F_r .00632 Q_m 1894 M²ftd (L/H) (F_rQ_m)² 1000143 P_e 671 T_e _____

TABLE IX A B TABLE IX B B

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5560		1120						
2	GH		0	3397		6794						
3	37.5GH		0	127394		254787						
4	P _e or P _n		4438.2	5628.7	5012.4	5586.2	5554.5					
5	P _r		6.61	7.49	7.47	8.33	8.28					
5	T		534	590	590	645	645					
7	T _r		1.47	1.63	1.43	1.78	1.78					
8	Z		.898	.972	.971	1.049	1.049					
9	P/2P/2	4:8	4942.3	5173.6	5162.5	5325.3	5305.1					
10	P/2Z	9:6	9255	8769	8750	8256	8225					
11	(P/2Z)/2/1000 (100) 2/1000		.085660	.076891	.076563	.068165	.067651					
12	L/H(F _r Q _m) ²		.00143	.00143	.00143	.00143	.00143					
13		I ₁ + I ₂	.085863	.077034	.076706	.068308	.067794					
14	I _n	I ₀ ÷ I ₃	107866	113829	114072	120869	121324					
15	M = P _n - P _{n-1}			591	575	573	542					
16	N = I _n + I _{n-1}			221695	221938	234939	235396					
17	M x N	15 x 16										
18	Σ(M x N)	Σ17										

P_e = 5553.2