

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

COMPANY Jake L. Hamon LEASE Amerada Federal WELL NO. 1 DATE 8/27/66

LOCATION: Unit N Section 17 Township 20 S Range 36 E

L 10999 H 10999 L/H 1.000 G .917 % CO₂ 0.4 % N₂ 0.0 % H₂S 0.0

d 1.995 F_r .018231 Q_m 2.275 M² cfd (L/H) (F_r Q_m)² .001721 P_{CT} 662 T_{CT} 461

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5499		10,999						
2	GH		0	5042.58		10,086						
3	37.5GH		0	189,097		378,228						
4	P _c or P _n		4808.2	5735.2	5729.2	6651.2	6638.2					
5	P _r		7.26	8.66	8.65	10.05	10.03					
6	T		544	581	581	618	618					
7	T _r		1.18	1.26	1.26	1.34	1.34					
8	Z		.918	1.039	1.038	1.150	1.148					
9	P/Z P/Z		5237.7	5519.9	5519.5	5783.7	5782.4					
10	P/TZ		9.6272	9.5007	9.5002	9.3587	9.3566					
11	(P/TZ) 2/1000		.092683	.090263	.090254	.087585	.087546					
12	L/H(F _r Q _m) ²		.001721	.001721	.001721	.001721	.001721					
13			.094404	.091984	.091975	.089306	.089267					
14	I _n		101.978	103.286	103.291	104.793	104.815					
15	M=P _n -P _{n-1}			927	921	922	909					
16	N=I _n +I _{n-1}			205.264	205.269	208.084	208.106					
17	M x N				189,053		189,168					
18	Σ (M x N)				189,053		378,221					