

WORK SHEET FOR STEPWISE CALCULATION  
(SUBSURFACE) PRESSURE (P<sub>c</sub> & P<sub>w</sub>)  
(SURFACE)

COMPANY Jake L. Hamon LEASE Union State WELL NO. 1 DATE 8/1/66

LOCATION: Unit H Section 30 Township 20 S Range 36 E

L 11178 H 11178 L/H 1.000 G .701 % CO<sub>2</sub> 0.004504 % N<sub>2</sub> 0 % H<sub>2</sub>S 0

d 2.441 F<sub>1</sub> .010763 Q<sub>m</sub> 6.235 M<sub>2</sub> 6.235 (L/H) (F<sub>1</sub>Q<sub>m</sub>)<sup>2</sup> 0.004504 P<sub>cr</sub> 668 T<sub>cr</sub> 392

TABLE IX B A

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5589			11178					
2	GH		0	3917.89			7835.78					
3	37.5GH		0	146,921			293,842					
4	P <sub>c</sub> or P <sub>n</sub>		2583.2	3126.2	3133.2	3134.2	3684.2	3697.2				
5	P <sub>r</sub>		3.87	4.68	4.69	4.69	5.52	5.53				
6	T		544	576.5	576.5	576.5	609	609				
7	T <sub>r</sub>		1.39	1.47	1.47	1.47	1.55	1.55				
8	Z		.706	.781	.782	.782	.853	.853				
9	P/Z P/Z	4=8	3658.9	4002.8	4006.6	4007.9	4319.1	4334.3				
10	P/TZ	9=6	6.7259	6.9433	6.9499	6.9521	7.0921	7.1171				
11	(P/TZ) <sup>2</sup> /1000	(9) <sup>2</sup> /1000	.045238	.048209	.048301	.048332	.050298	.050653				
12	L/H(F <sub>1</sub> Q <sub>m</sub> ) <sup>2</sup>		.004504	.004504	.004504	.004504	.004504	.004504				
13		I <sub>1</sub> + I <sub>2</sub>	.049742	.052713	.052805	.052836	.054802	.055157				
14	I <sub>n</sub>	I <sub>0</sub> + I <sub>3</sub>	135.216	131.719	131.614	131.579	129.413	129.033				
15	M = P <sub>n</sub> - P <sub>n-1</sub>			543	550	551	550	563				
16	N = I <sub>n</sub> + I <sub>n-1</sub>			266.935	266.830	266.795	260.992	260.612				
17	M x N	15 x 16				147,004		146,725				
18	Σ (M x N)	Σ 17				147,004						

One copy to be filed in District Office (Work copy acceptable)