

155

(SUBSURFACE) PRESSURE (P<sub>f</sub> & P<sub>s</sub>)  
(SURFACE) ~~(P<sub>e</sub> & P<sub>w</sub>)~~

WORK SHEET FOR STEPWISE CALCULATION

COMPANY Jacobson WELL NO. 11 DATE 7-12-84  
 LOCATION: Unit F Section 35 Township 22S Range 28E  
 L 11,430 H 11,430 L/H 1.00 G 580 % CO<sub>2</sub> \_\_\_\_\_ % N<sub>2</sub> \_\_\_\_\_ % H<sub>2</sub>S \_\_\_\_\_  
 d 2.441 F<sub>T</sub> 1.01763 Q<sub>m</sub> \_\_\_\_\_ M<sub>CH4</sub> (L/H) (F<sub>T</sub> Q<sub>m</sub>)<sup>2</sup> 1000067 P<sub>CT</sub> 6.42 T<sub>CT</sub> 350  
 TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5715		11,430						
2	GH		0	3315		6629						
3	37.5GH		0	124301		248603						
4	P <sub>cor</sub> P <sub>n</sub>		4677.2	5264.3	5247.6	5816.2	5782.8					
5	P <sub>r</sub>		6.96	7.84	7.81	8.65	8.61					
6	T		534	591	591	648	648					
7	T <sub>r</sub>		1.53	1.69	1.69	1.85	1.85					
8	Z		920	1008	1007	1065	1063					
9	P/Z P/Z	4÷8	5083.9	5227.5	5211.1	5461.2	5440.1					
10	P/TZ	9÷6	9.520	8.845	8.817	8.428	8.395					
11	(P/TZ) <sup>2</sup> /1000 (10 <sup>2</sup> /1000)		090639	078238	077728	071027	070480					
12	L/H(F <sub>r</sub> Q <sub>m</sub> ) <sup>2</sup>		000067	000067	000067	000067	000067					
13		I <sub>1</sub> + I <sub>2</sub>	090706	107830	107781	107109	107054					
14	I <sub>n</sub>	I <sub>0</sub> ÷ I <sub>3</sub>	104.960	112.959	113.314	118.544	119.002					
15	M=P <sub>n</sub> -P <sub>n-1</sub>		592	570	570	568	535					
16	N=I <sub>n</sub> +I <sub>n-1</sub>		217.9	218.3	218.3	231.9	232.3					
17	M x N	I <sub>5</sub> x I <sub>6</sub>			124503		124258					
18	Σ(M x N)	Σ I <sub>7</sub>			124099							