

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

COMPANY Sike & Associates LEASE Schalk Fed Com 33 WELL NO. 1 DATE 8-23-83  
 LOCATION: Unit 0 Section 33 Township 24S Range 28  
D 408 H 10 908 L/H 1.00 G 379 % CO<sub>2</sub> \_\_\_\_\_ % N<sub>2</sub> \_\_\_\_\_ % H<sub>2</sub>S \_\_\_\_\_  
 d 2399 F<sub>i</sub> \_\_\_\_\_ Q<sub>m</sub> \_\_\_\_\_ M<sup>2</sup>cfh (L/H) (F<sub>i</sub> Q<sub>m</sub>)<sup>2</sup> \_\_\_\_\_ P<sub>c</sub> 672 T<sub>c</sub> 346

TABLE 1A & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		10 908	5454		0						
2	GH		6516	3158		0						
3	37.5GH		233840	118480		0						
4	P <sub>c</sub> or P <sub>n</sub>		4148.6	3735.6	3732.9	3317.5	3297.2	3297.9	100	3303.1		
5	F <sub>i</sub>		6.17	5.56	5.55	4.94	4.91	4.91				
6	T		543	588	588	554	534	534				
7	T <sub>i</sub>		1.85	1.70	1.70	1.54	1.54	1.54				
8	Z		1.925	1.899	1.899	1.808	1.806	1.806				
9	P/Z P/Z	4-8	4424.9	4155.3	4152.3	4105.8	4090.8	4091.7				
10	P/TZ	9-6	6.97	7.07	7.06	7.69	7.66	7.66				
11	(P/TZ) <sup>2</sup> /1000 (10 <sup>3</sup> ) <sup>2</sup> /1000											
12	L/H(F <sub>i</sub> Q <sub>m</sub> ) <sup>2</sup>											
13	I <sub>n</sub>	I <sub>1</sub> + I <sub>2</sub>										
14	I <sub>n</sub>	I <sub>0</sub> + I <sub>3</sub>	143,367	141,506	141,609	130,059	130,538	130,507				
15	M = P <sub>n</sub> - P <sub>n-1</sub>		413	416	416	416	436	435				
16	N = I <sub>n</sub> + I <sub>n-1</sub>		284,87	284,98	284,98	271,668	272,147	272,116				
17	M x N	15 x 16			118462			118364				
18	Σ (M x N)	Σ 17			118377							