

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

WORK SHEET FOR STEPWISE CALCULATION

COMPANY W. J. Terborgh INC. LEASE Township 32 S. Range 19 E. Sec. 32 WELL NO. 12-11-81 DATE 12-11-81

LOCATION: Unit J Section 32 Township 19 Range 32

L 12-11-81 H 12-11-81 LN 12-11-81 G 12-11-81 % CO₂ 12-11-81 % N₂ 12-11-81 % H₂S 12-11-81
 F₁ 12-11-81 F₂ 12-11-81 F₃ 12-11-81 F₄ 12-11-81 F₅ 12-11-81 F₆ 12-11-81 F₇ 12-11-81 F₈ 12-11-81 F₉ 12-11-81 F₁₀ 12-11-81
 P₁ 12-11-81 P₂ 12-11-81 P₃ 12-11-81 P₄ 12-11-81 P₅ 12-11-81 P₆ 12-11-81 P₇ 12-11-81 P₈ 12-11-81 P₉ 12-11-81 P₁₀ 12-11-81

RATE: 1

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6542.5								
2	CH		0	5313.1								
3	37.5GH		0	201305								
4	P _{cor} P _n		5408.2	4301.9	4202.7	5135.3	5086.9					
5	P _r		5.13	4.47	1.613	7.92	7.65					
6	T		534	599.5	559.5	665	665					
7	T _r		1.25	1.40	1.40	1.55	1.55					
8	Z		1719	1863	1859	1977	1973					
9	P/Z P/Z	4-8	4940.2	4984.8	4974.1	5256.2	5228.1					
10	P/TZ	9-6	8,876.7	8,215.0	8,292.0	7,901.0	7,861.8					
11	(P/TZ) ² /1000 (10 ² /1000)		1098.7	1069.1	1068.8	1062.4	1061.8					
12	L/H(F _r Q _m) ²		100022	100022	100022	100022	100022					
13		11+12	1098.7	1069.1	1068.8	1062.4	1061.8					
14	I _n	10+13	112,622	120,226	120,476	126,472	127,151					
15	M=P _n -P _{n-1}			893.99	864.93	862.59	814.224					
16	N=I _n +I _{n-1}			232,648	233,102	246,952	247,638					
17	M x N	15x16			201527		201632					
18	Σ (M x N)	Σ 17			201632		200976					