

FROM KNOWN BOTTOM HOLE PRESSURE (P_f or P_s)

COMPANY Belco Petro. LEASE LOVING NORTH WELL NO. 1 DATE _____

LOCATION: Unit J Section 28 Township 23 S Range 28 E

L 12,000' H 12,000' L/H 1.000 G 5841 % CO₂ 1.41 % N₂ 2.31 % H₂S 0

GH 1009.2 P_{CT} 674 T_{CT} 341

TABLE IX & X

S.F. DATE I. DATE II. DATE III. DATE IV.

LINE	1	2	3	4	5	6	7	8
1	$T_w(W.H. \cdot R)$	519	519	519	520			
2	$T_s(B.H. \cdot R)$	651	651	651	651			
3	$T = \frac{T_w + T_s}{2}$	585	585	585	585.5			
4	Z (Est.)	862	863	865	868	875		
5	TZ	504.27	504.86	506.05	507.78	512.312		
6	GH/TZ	13.8996	13.88359	13.85148	13.8036	13.68149		
7	e^s (Table XIV)	1.68411	1.68309	1.681070	1.67805	1.670387		
8	P_i or P_s	3001.2	2859.2	2684.2	2445.2	2110.2		
9	P_i^2 or P_s^2	9007.2	8175.02	7204.9	5979.0	4452.94		
10	$P_c^2 - P_i^2/es$ or $P_w^2 = P_s^2/es$	5348.34	4857.14	4285.9	3563.05	2665.81		
11	P_c or P_w	2312.6	2203.89	2070.2	1887.6	1632.7		
12	$P \cdot \left(\frac{P_w + P_s}{2} \right)$ or $\left(\frac{P_c + P_i}{2} \right)$	2656.9	2531.5	2377.2	2166.4	1871.45		
13	$P_i = (P/P_{CT})$	394	3.76	3.53	3.21	2.78		
14	$T_i = (T/T_{CT})$	1.72	1.72	1.72	1.72	1.72		
15	Z (Table XI)	862	863	865	868	875		