Form C-122D
Adopted 9-1-65

WORKSHEET FOR CALCULATION OF STATIC COLUMN WELLHEAD PRESSURE (P_w)

COMPANY MERIDIAN OIL INC. LEASE COURTLAND MAYER WELL NO. 10 DATE [illegible]

LOCATION: Unit _____ Section 5 Township 24 Range 20

L [illegible] H [illegible] L/H [illegible] G .613 % CO_2 [illegible] % N_2 [illegible] % H_2S _____

d [illegible] / .090 F_r .0071790 GH 2319 P_{cr} 652 (TABLE IX & X) T_{cr} [illegible] (TABLE IX & X)

LINE	1ST	2ND								
1 Q_m	[illegible]	[illegible]								
2 T_w (W.H. °R)	534	[illegible]								
3 T_s (B.H. °R)	562	[illegible]								
4 $T = (\frac{T_w + T_s}{2})$	548	[illegible]								
5 Z (Est.)	.990	[illegible]								
6 TZ	542.5	543.1								
7 GH/TZ	4.274	4.270								
8 e^S (Table XIV)	1.172	1.172								
9 $1-e^{-S}$ (Table XIV)	.148	.147								
10 P_t	53.2	53.2								
11 $P_t^2/1000$	2.8	2.8								
12 F_r (Table XV)	.0071790	.0071790								
13 $F_c = F_r$ TZ	3.89	3.89								
14 $F_c Q_m$	[illegible]	[illegible]								
15 $L/H (F_c Q_m)^2$	[illegible]	[illegible]								
16 $F_w = L/H(F_c Q_m)^2(1-e^{-S})$	[illegible]	[illegible]								
17 $P_w^2 = P_t^2 + F_w$	2.92	2.92								
18 $P_s^2 = e^S P_w^2$	3.43	3.42	[illegible]							
19 P_s	58.58	[illegible]								
20 $P = (\frac{P_t + P_s}{2})$	[illegible]	[illegible]								
21 $P_r = (P/P_{cr})$	.08	[illegible]								
22 $T_r = (T/T_{cr})$	1.26	1.26								
23 Z (Table XI)	[illegible]	[illegible]								

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