Form C-122D
Adopted 9-1-65

WORKSHEET FOR CALCULATION OF STATIC COLUMN WELLHEAD PRESSURE (P_w)

COMPANY MERIDIAN OIL LEASE SNELL ST. WELL NO. 8 DATE [illegible]

LOCATION: Unit _____ Section [illegible] Township [illegible] Range 37

L 3450 H 3450 L/H 1 G .728 % CO_2 4.69 % N_2 1.76 % H_2S _____

d [illegible] F_r .0087200 GH [illegible] P_{cr} [illegible] TABLE IX & X T_{cr} [illegible] TABLE IX & X

LINE										
1 Q_m	[illegible]	[illegible]								
2 T_w (W.H. °R)	[illegible]	[illegible]								
3 T_s (B.H. °R)	[illegible]	[illegible]								
4 $T = (\frac{T_w + T_s}{2})$	[illegible]	[illegible]								
5 Z (Est.)	.885	.890								
6 TZ	457.6	490.3								
7 GH/TZ	5.150	[illegible]								
6 e^S (Table XIV)	1.213	[illegible]								
9 $1 - e^{-S}$ (Table XIV)	.1756	.1747								
10 P_t	58.2	58.2								
11 $P_t^2/1000$	[illegible]									
12 F_r (Table XV)	.0087241	[illegible]								
13 $F_c = F_r$ TZ	4.251	4.278								
14 $F_c Q_m$	[illegible]	[illegible]								
15 $L/H (F_c Q_m)^2$	[illegible]	[illegible]								
16 $F_w = L/H(F_c Q_m)^2(1-e^{-S})$	.331	[illegible]								
17 $P_w^2 = P_t^2 + F_w$	3.71	[illegible]	$= P_{w1}^2$							
18 $P_s^2 = e^S P_w^2$	4.51	[illegible]								
19 P_s	67.1	[illegible]								
20 $P = (\frac{P_t + P_s}{2})$	62.6	[illegible]								
21 $P_r = (P/P_{cr})$	.07	.07								
22 $T_r = (T/T_{cr})$	[illegible]	[illegible]								
23 Z (Table XI)	.890	.890								

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