

Rate 1

WORK SHEET FOR STEPWISE CALCULATION
(SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (~~P_f~~ & ~~P_s~~)

Form C-1221
Adopted 9-1-65

COMPANY MERIDIAN OIL LEASE deposed ST. 1 WELL NO. 1 DATE 11-29-88

LOCATION: Unit 10351 H 10351 LN 1.0 G .669 % CO₂ .14 % N₂ 1.11 % H₂S 0
Section 22 Township 17 S Range 29 E

L 10351 H 10351 LN 1.0 G .669 % CO₂ .14 % N₂ 1.11 % H₂S 0
d 2.441 F_r 0.0013 Q_m 0.530 M² cld (L/H) (F_r Q_m)² 0.00033 P_{CT} 668 T_{CT} 321
TABLE 18 & 1

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5175		10350						
2	GH		0	2462.08		6924.6						
3	37.5GH		0	129828		259656						
4	P _c or P _n		2020	2363.8	2363.4	2704.2	2704.2					
5	P _r		3.03	3.54	3.54	4.05	4.05			Δ P = 681.0		
6	T		5.34	574.5	574.5	615	615			P _s = 2703.5		
7	T _r		1.42	1.52	1.52	1.63	1.63					
8	Z		.721	.785	.785	.840	.840					
9	P/Z	4-8	2804.3	3009.9	3009.9	3217.9	3217.9					
10	P/TZ	9-6	5.2515	5.2372	5.2383	5.2324	5.2324					
11	(P/TZ) ² /1000	(10) ² /1000	.02758	.02745	.02744	.02738	.02738					
12	L/H(F _r Q _m) ²		.000033	.000033	.000033	.000033	.000033					
13		11 + 12	.02761	.027482	.027472	.027410	.027410					
14	I _n	10-13	190.147	190.643	190.625	190.891	190.891					
15	M = P _n - P _{n-1}			341	341	341	340					
16	N = I _n + I _{n-1}			380.841	380.872	381.567	381.567					
17	M x N	15 x 16			129839		129817					
18	Σ (M x N)	Σ 17			129839		259656					