

WORK SHEET FOR STEPWISE CALCULATION

Form C-1221
Adopted 9-1-65

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

LOCATION: Unit 10351 Section 22 Township 12 S Range 29 E Rate 3

L 10351 H 10351 LH 1.0 G .669 % CO₂ .14 % N₂ 1.11 % H₂S 0

d 2.441 $\frac{P_1}{P_2}$ $\frac{Q_m}{Q_m}$ 1.060 M² cld (L/H) (F_rQ_m)² .000130 P_{CT} 668 T_{CT} 321

TABLE 18 B X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	5195		10350						
2	GH		0	3462.08		6504.15						
3	37.5GH		0	129828		859606						
4	P _c or P _n		1842	2148.9	2149.7	2459.4	2459.4					
5	P _r		2.75	3.22	3.22	3.68	3.68			ΔP = 621.0		
6	T		534	574.5	574.5	615	615			P ₂ = 2461.0		
7	T _r		1.42	1.52	1.52	1.63	1.63					
8	Z		.728	.787	.787	.837	.837					
9	P/Z	7-8	2526.1	2732.0	2733.0	2938.8	2938.8					
10	P/TZ	9-6	4.7305	4.7554	4.7572	4.7785	4.7785					
11	(P/TZ) ² /1000	(10 ² /1000)	0.02238	0.02261	0.02263	0.02283	0.02283					
12	L/H(F _r Q _m) ²		.000130	.000130	.000130	.000130	.000130					
13		11 + 12	.022507	.022744	.022761	.022964	.022964					
14	I _n	10-13	210174	209085	209005	208086	208086					
15	M = P _n - P _{n-1}			309	310	310	311					
16	N = I _n + I _{n-1}			419.258	419.178	417.091	417.091					
17	M x N	15 x 16			129803		129853					
18	Σ (M x N)	Σ 17			129 803		259 658					