

WORK SHEET FOR STEPWISE CALCULATION

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

LOCATION: Unit 10351 Section 22 Township 17 S Range 29 E Rate 2

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

d 2.441 F_r 0.010163 Q_m --- M² d/d (L/H) (F_r Q_m)² --- P_{CT} 668 T_{CT} 321

TABLE 18 & 19

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		1350	5195		0						
2	GH		6924.15	3462.08		0						
3	37.SGH		259656	129828		0						
4	P _C or P _n		2612.6	2283.8	2283.9	1955.2	1955.3	1955.3		Δ P = 652.3		
5	P _r		3,91	3,42	3,42	2,93	2,93	2,93		P _w = 1955.3		
6	T		615	574.5	574.5	534	534	534				
7	T _r		1,63	1,52	1,52	1,42	1,42	1,42				
8	Z		.839	.785	.785	.723	.723	.723				
9	P/Z	4-8	3115.1	2908.1	2908.2	2703.2	2703.3	2703.3				
10	P/TZ	9-6	5,0653	5,0620	5,0622	5,0621	5,0624	5,0624				
11	(P/TZ) ² /1000	(10 ² /1000)										
12	L/H(F _r Q _m) ²											
13	I _n	I ₁ + I ₂										
14	M = P _n - P _{n-1}	I ₀ - I ₃	197,423	197,552	197,542	197,546	197,536	197,536				
15	N = I _n + I _{n-1}			229	229	329	329	329				
16	M x N			394,975	394,966	395,089	395,028	395,028				
17		I ₅ x I ₆			12,9825			12,9831				