

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE (P_c & P_w)

Form G-122-E
Adopted 9-1-65

4th

COMPAN GULF OIL EXPL. & PROD. LEASE LANGLIE FED A COM WELL NO. 1 DATE JUNE 14, 1982

LOCATION: Unit K Section 9 Township 19s Range 33e

L 13470 H 13470 L/H 1,000 G .648 % CO₂ .808 % N₂ .589 % H₂S

d 1.995 P_r .018231 Q_m 0 M²cfd (L/H) (F_rQ_m)² 0 P_{cr} TABLE 12 & 13 T_{cr} TABLE 12 & 13

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		13470	6735		0						
2	GH		8728.6	4364.3		0						
3	37.5GH		327321	163660		0						
4	P _c or P _n		4537.6	3969.5	3950.2	3364.9	3311.6	3314.0		P _w =	3319.5	
5	P _r		6.77	5.92	5.90	5.02	4.94	4.95				
6	T		669	601.5	601.5	534	534	534				
7	T _r		1.78	1.60	1.60	1.42	1.42	1.42				
8	Z		.977	.888	.887	.761	.755	.756				
9	P/Z P/Z	4-8	4644.4	4470.2	4453.4	4421.6	4386.3	4383.7				
10	P/TZ	9-6	6.9423	7.4317	7.4038	8.2802	8.2140	8.2091				
11	(P/TZ) ² /1000	(10 ⁻² /1000)										
12	L/H(F _r Q _m) ²											
13	I ₁ + I ₂											
14	I _n	I ₀ + I ₃	144.045	134.559	135.066	120.771	121.743	121.816				
15	M = P _n - P _{n-1}			568	587	585	639	636				
16	N = I _n + I _{n-1}			278.604	279.112	255.837	256.809	256.882				
17	M x N	I ₅ x I ₆			163958			163409				
18	Σ (M x N)	Σ I ₇			163362							

RECEIVED

JUN 28 1982

RECEIVED

O.C.D.

HOBBS OFFICE

JUN 18 1982

HOBBS OFFICE