

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE) PRESSURE
(SURFACE) (P_c & P_w)

Form C-122E
Adopted 9-1-55

COMPANY EXXON U.S.A. LEASE N.M. O.A. STATE WELL NO. #2 DATE 7-29-82

LOCATION: Unit L 12530 Section H 12530 Township G . 612 Range NIC
 L/H 1.00° G . 612 % CO₂ . 48 % N₂ . 85 % H₂S NIC
 d 2.44 F_r 0.010763 Q_m D M² cfd (L/H) (F_r Q_m)² P_{CT} 671 T_{CT} 362

RATE: 4

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9
1	H		12530	6215		0					
2	GH		7668.36	3834.18		0					
3	37.5GH		287,563	143,701		0					
4	P _c or P _n		1628.8	1433.3	1430.1	1232.1	1230.5	1227.9			
5	P _r		2.43	2.14	2.13	1.84	1.83	1.83			
6	T		661	597.5	597.5	534	534	534			
7	T _r		1.83	1.65	1.65	1.48	1.47	1.48			
8	Z		.906	.854	.855	.835	.813	.813			
9	P/Z	4÷8	1797.8	1678.3	1672.7	1475.6	1513.5	1510.4			
10	P/TZ	9÷6	2.7198	2.8089	2.7994	2.7632	2.6343	2.8284			
11	(P/TZ)/1000 (10 ² /1000)										
12	L/H(F _r Q _m) ²										
13	I ₁ + I ₂										
14	I _n	I ₀ ÷ I ₃	367.673	356.014	357.216	361.894	352.815	353.545			
15	M = P _n - P _{n-1}			195	199	198	199	202			
16	N = I _n + I _{n-1}			723.687	724.889	719.110	710.031	710.764			
17	M x N	I ₅ x I ₆			144,019			143,691			
18	Σ (M x N)	Σ I ₇			143,543			143,872			

PW = 1227.6