

WORK SHEET FOR STEPWISE CALCULATION

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

Form C-122E
Adopted 9-1-65

COMPANY S.L. LEASE Madura ST.27 WELL NO. 1 DATE 6-17-86

LOCATION: Unit _____ Section _____ Township _____ Range _____

L 12,798 H 12,798 L/H 1.00 G 101.856 % CO₂ _____ % N₂ _____ % H₂S _____

d _____ F_r _____ Q_m _____ M₂cid (L/H) (F_rQ_m)² _____ P_{cr} 6667 T_{cr} 408

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		12798	6399		0						
2	GH		9679	4838		0						
3	37.5GH		362823	181412		0						
4	P _c or P _n		81530	72875	72616	6371.1	6372.8	6318.7	600 = 6319.2			
5	P _r		1323	10493	1089	9.55	9.47	9.47				
6	T		667	600	600	534	534	534				
7	T _r		1.63	1.47	1.47	1.31	1.31	1.31				
8	Z		1.281	1.199	1.196	1.113	1.106	1.106				
9	P/2	4-8	6364.6	6078.0	6071.6	5724.3	5714.3	5713.1				
10	P/TZ	9-6	9.54	10.13	10.12	10.72	10.70	10.69				
11	(P/TZ) ² /1000	(10) ² /1000										
12	L/H(F _r Q _m) ²											
13		11 + 12										
14	I _n	10-13	104.799	98.717	98.82	93.287	93.483	93.469				
15	M=P _n -P _{n-1}			865	891	890	944	942				
16	N=I _n +I _{n-1}			203.5	203.6	192.1	192.3	192.3				
17	M x N	15 x 16			181504			181305				
18	Σ (M x N)	Σ 17			181318							

RECEIVED
JUL 3 1986
C.C.D.
HOEBS OFFICE