

WORK SHEET FOR STEPWISE CALCULATION (SUBSURFACE) PRESSURE (P_f & P_s)
(SURFACE) (P_c & P_w)

Form C-122E
Adopted 9-1-65

COMPANY Union Oil Co. of California LEASE P. 1000 WELL NO. 1 DATE 2-11-70

LOCATION: Unit M Section 4 Township 19 South Range 34 East

L 13325 H 13325 L/H 1.00 G 0.9395 %CO₂ 0.6 %N₂ 0.6 %H₂S 50004

d 1995 F_r 0.0623 Q_m 8.0 M₂cid (L/H) (F_rQ_m)² 0.02127 P_{cr} 665 T_{cr} 468
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6663		13325						
2	GH		0	6260		1275						
3	37.5GH		0	234746		469456						
4	P _c or P _n											
5	P _i		3233	4615	4604	5920	5703	5902				
6	T		4.94	6.94	6.92	8.90	8.88					
7	T _r		46	602	602	660	660	660				
8	Z		1.16	1.28	1.28	1.11	1.11	1.11				
9	P ₂ Z		0.628	0.984	0.893	1.052	1.050					
10	P ₂ T ₂		4850	5221	5214	5627	5622					
11	(P ₂ T ₂) ² /1000		8.91	8.67	8.66	8.53	8.52					
12	L/H(F _r Q _m) ²		0.07946	0.07520	0.07501	0.07269	0.07256					
13			0.02127	0.02127	0.02127	0.02127	0.02127					
14	I _n		0.10073	0.09647	0.09628	0.09396	0.09383					
15	M=P _n -P _{n-1}		88.45	89.87	89.95	90.78	90.80					
16	N=I _n +I _{n-1}		1327	1316	1316	1299	1298					
17	M x N		17832	17840	18073	18075						
18	Σ (M x N)		Σ 17									