

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

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

COMPANY Union Oil Co. of California LEASE Oil Well WELL NO. 2 DATE 4/10/67
 LOCATION: Unit 13424 Section 5 Township 26S Range 33E
 L 13424 H 13424 L/H 1 G 0.224 % CO₂ 0.15 % N₂ 0.41 % H₂S N.I.
 d 2.355 F_r 0.092 Q_m 1.260 M₂ 0 (L/H) (F_r Q_m)² 0.00373 P_{cr} 445 T_{cr} 328
 TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		13424	6712		0						
2	GH		9716.98	4859		0						
3	37.5GH		364.462	183.100		0						
4	P _c or P _n		916.7	8205.7	8200.7	7238.7	7216.7					
5	P _r		13.22	12.20	12.28	10.84	10.80					
6	T		446	595.5	595.5	545	545					
7	T _r		1.29	1.50	1.60	1.37	1.37					
8	Z		1.352	1.297	1.299	1.210	1.207					
9	P/2 P/2	4/8	6776.4	6325.9	6322.8	5982.4	5929.0					
10	P/TZ	9/6	10.4890	10.6228	10.6176	10.9769	10.9706					
11	(P/TZ) ² /1000	(10) ² /1000										
12	L/H(F _r Q _m) ²											
13		I ₁ + I ₂										
14	I ₃	I ₀ ÷ I ₃	95.330	94.137	94.112	91.100	91.153					
15	M = P _n - P _{n-1}		956	961	962	984	984					
16	N = I _n + I _{n-1}		139.462	159.492	185.242	185.365						
17	M x N	I ₅ x I ₆		152.192		182.350						
18	Σ(M x N)	Σ I ₇	364.462		182.360							