

WORK SHEET FOR STEPWISE CALCULATION

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

Form C-122E
Adopted 9-1-65

COMPANY Continental Oil Co. LEASE Anderson Ranch Unit WELL NO. 3 DATE 9/24/69

LOCATION: Unit A Section 11 Township 16-S Range 25-E

L 12,148 H 12,148 L/H 1.000 G .953 % CO₂ .61 % N₂ 1.39 % H₂S 0

d 1.995 F_r 0.1823 Q_m 2.537 M₂ cfd (L/H) (F_r Q_m)² .0022244 P_{CT} 661 T_{CT} 469

TABLE IX & X

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LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		0	6074				12,148				
2	GH		0	447046				314283				
3	37.5GH		0	167,642				335,285				
4	P _c or P _n		803.2	1107.9	1113.6	1114.0		1425.6	1435.0	1435.9		
5	P _r		1.22	1.68	1.68	1.69		2.16	2.17	2.17		
6	T		520	530	530	530		640	640	640		
7	T _r		1.09	1.21	1.21	1.21		1.34	1.34	1.34		
8	Z		.541	.628	.628	.626		.707	.705	.705		
9	P/Z	4÷8	1484.6	1764.1	1773.2	1779.5		2016.4	2035.4	2036.7		
10	P/TZ	9÷6	2.856	3.042	3.057	3.068		3.151	3.180	3.182		
11	(P/TZ) ² /1000	(10) 2/1000	.008157	.009254	.009345	.009413		.009929	.010112	.010125		
12	L/H(F _r Q _m) ²		.002224	.002224	.002224	.002224		.002224	.002224	.002224		
13	I _n	I ₁ + I ₂	.016381	.011478	.011559	.011637		.012153	.012336	.012349		
14	M = P _n - P _{n-1}	I ₀ ÷ I ₃	275.1	265.0	264.2	263.6		259.3	257.8	257.7		
15	N = I _n + I _{n-1}			304.7	310.4	310.8	311.1	311.6	321.0	321.9	322.0	
16	M x N	I ₅ x I ₆		546.1	539.3	538.7		522.7	521.4	521.3		
17	Σ (M x N)	Σ I ₇				167,428						

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