

WORK SHEET FOR STEPWISE CALCULATION

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

Form C-123-E
Adopted 9-1-65

COMPANY Wannan oil Co. LEASE Union 35 Fed

DATE 7-12-84

LOCATION: Unit F Section 35 Township 22 S Range 28 E

11,430 H 11,430 LH 1.00 G .580 % CO₂ _____ % N₂ _____ % H₂S _____
d 2.441 F_r _____ Q_m _____ M₂crfa (L/H) (F_rQ_m)² _____ P_{cc} 672 T_{cc} 350

TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11430	5715		6						
2	GH		6629	3315		0						
3	37.5GH		248603	124301		0						
4	P _c or P _n		4992.1	4516.1	4504.7	4018.0	3985.4	3986.6	P _w =	3989.9		
5	P _r		7.43	6.72	6.70	5.98	5.93	5.93				
6	T		648	591	591	534	534	534				
7	T _r		1.85	1.69	1.69	1.53	1.53	1.53				
8	Z		1.006	.951	.950	.862	.859	.859				
9	P/Z P/Z	4÷8	4962.3	4708.9	4741.8	4661.3	4639.6	4602.9				
10	P/TZ	9÷6	7.658	8.025	8.023	8.223	8.688	8.691				
11	(P/TZ) 2/1000 (10 ² /1000)											
12	L/H (F _r Q _m) ²											
13	I ₁ + I ₂											
14	I _n	I ₀ ÷ I ₃	130.584	120.051	124.636	114.561	115.095	115.062				
15	M = P _n - P _{n-1}			476	487	487	519	518				
16	N = I _n + I _{n-1}			255.0	255.2	239.2	239.7	239.7				
17	M x N	I ₅ x I ₆			124391			124408				
18	Σ (M x N)	Σ I ₇			120211							