

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

3rd

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

COMPANY North American Oil Co. LEASE St. 32 Com. WELL NO. 1

DATE 12/3/79

LOCATION: Unit B Section 32 Township 19 Range 28

10116 H 10116 LH 1.000 G .601 % CO₂ .28 % N₂ .67 % H₂S

d 1.995 F_r .018331 0 M_{cor} (L/H) (F_rQ_m)² 0 P_{cor} 671 T_{cor} 358

TABLE IX A X

L _i	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		10116	5058		0						
2	GH		6079.7	3039.9		0						
3	37.5GH		227989	113995		0						
4	P _c or P _n		2773.8	2495.3	2485.8	2198.8	2185.9	2176.9				
5	P _r		413	3.72	3.70	3.28	3.26	3.26				
6	T		635	584.5	584.5	534	534	534				
7	T _r		1.77	1.63	1.63	1.49	1.49	1.49				
8	Z		.894	.816	.816	.772	.773	.773				
9	P/Z P/Z	4.8	3102.7	3058.0	3046.3	2848.2	2827.7	2829.1				
10	P/TZ	9.6	488.61	5.2318	5.2118	5.3338	5.2954	5.2980				
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	204.661	191.146	191.871	182.484	185.543	188.750				
15	M = P _n - P _{n-1}			278	288	287	300	299				
16	N = I _n + I _{n-1}			325.801	326.532	329.355	380.714	380.621				
17	M × N	15 × I ₆			114.206			113.756				
18	Σ (M × N)	Σ I ₇			113.783							