

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

COMPANY Amecada Hess LEASE State Well "Cem." WELL NO. 2 DATE 11-28-69
LOCATION: Unit K Section 10 Township 21S Range 35E
L 11592 H 11723 LH 0989 G 0.6235 %CO₂ 0.01 %N₂ 0.61 %H₂S None
d 1.862 F_r 0.0211 Q_m 0 M²c/d (L/H) (F_rQ_m)² 0 P_{cr} 671 T_{cr} 365
TABLE IX B H TABLE IX B H

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		11723	5862			0					
2	GH		73093	3654			0					
3	37.SGH		274099	137049			0					
4	P _c or P _n		3340	2920	2914		2489	2477	2478			
5	P _r		4.978	4.352	4.343		3.709	3.692	3.692			
6	T		620	572	572		524	524	524			
7	T _r		1.698	1.567	1.567		1.435	1.435	1.435			
8	Z		0.878	0.812	0.812		0.731	0.731	0.731			
9	P/2 P/2		3804.1	3596.1	3588.7		3404.9	3388.5	3389.9			
10	P/TZ		6.135	6.287	6.273		6.498	6.466	6.469			
11	(P/TZ)/2/1000											
12	L/H(F _r Q _m) ²											
13												
14	I _n = $\frac{1}{P_n - P_{n-1}}$		162.999	159.058	159.413		153.893	154.655	154.583			
15	M = P _n - P _{n-1}			42.0	42.55		42.5	437.1	436.0			
16	N = I _n + I _{n-1}			322.057	322.412		313.306	314.068	313.996			
17	M x N				137154				136934			
18	Σ (M x N)		274099		136945							