

WORK SHEET FOR STEPWISE CALCULATION

(SUBSURFACE)
(SURFACE)

PRESSURE
(P_c & P_w)

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Form C-122E
Adopted 9-1-85

COMPANY Oilfield Services LEASE West IAN Unit WELL NO. 1 DATE 12-23-72

LOCATION: Unit H Section 20 Township 25 Range 36

L 16.000 H 16.000 L/H 1.000 G .719 % CO₂ 1.00 % N₂ 1.00 % H₂S .25

d Fr Qm 2 M₂cid (L/H) ($F_r Q_m$)² 0 P_{cr} 671 T_{cr} 391
TABLE IX & X TABLE IX & X

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1	H		16,000	8224.5				0				
2	GH		11,336.84	5913.42				0				
3	37.5GH		443.507	221.753				0				
4	P_c or P_h		5,006.2	3426.2	4304.3	4241.2	4245.2	3343.2	3344.2	3348.2		
5	P_r		3.30	5.11	6.41	6.32	6.33	5.06	4.98	4.99		
6	T		676	625.5	625.5	625.5	625.5	535	535	535		
7	T_r		1.73	1.55	1.55	1.55	1.55	1.37	1.37	1.37		
8	Z		1.001	.833	.920	.895	1.045	.753	.748	.748		
9	P/Z	$4/8$	5091.1	4113.1	4782.4	4738.8	4743.2	4506.2	4470.9	4476.2		
10	P/TZ	$9/6$	7,531.2	6,114.7	7,898.3	7,826.2	7,833.6	8,422.9	8,356.7	8,366.7		
11	(P/TZ)/2/1000 ($10/2/1000$)											
12	L/H($F_r Q_m$) ²											
13		$I1 + I2$										
14	I_h	$I0 + I3$	120,101	147,213	126,609	124,196	127,655	118,724	119,664	119,521		
15	$M = P_h - P_{h-1}$											
16	$N = I_h + I_{h-1}$											
17	$M \times N$	$I5 \times I6$										
18	$\Sigma (M \times N)$	$\Sigma I7$	442,501									

CEM

W. J. JONES

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OIL CONSERVATION COMM.
HOBBS, N. M. OIL CO.