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FORM C-122E WORKSHEET FOR STEPWISE CALCULATION (SUBSURFACE) PRESSURE (Pf & Ps)

COMPANY : COLLINS AND WARE LEASE :B SHOOTER WELL NO. :FED 13 NO 1 DATE : 11 20 91

UNIT : B SECTION : 13 TOWNSHIP : 20 RANGE : 32

L : 13282 H : 13282 L/H : 1.0 S/GMIX : 0.877

CGI : 0.39 NI : 0.33 HCB : 0

d : 2.441 Fr :0.010765 Qm : 0.267 ³(L/H)(FrQm)0.000005

FOR : 669 TOR : 382

LINE	ITEM	SOURCE	1	2	3	4	5	6
1	H		0	6641		13282		
2	SH		0	4455.56		6991.51		DELTA P = 1276.5
3	137.55H		0	163598		337197		
								Ps = 4810.7
4	P ₁ - P ₂		3337.2	4003.2	2669.7	4659.2	4659.2	
5	P ₂		4.95	5.02	5.95	5.95	5.95	
6	P ₃		504	500.41	500.41	555.82	555.82	
7	P ₄		1.40	1.37	1.37	1.75	1.75	
8	P ₅		0.765	0.885	0.884	0.975	0.975	
9	P/CGI	4/8	4760.1	4545.5	4528.9	4776.5	4776.5	
10	P/CGI	9/6	8.1650	7.5720	7.5396	7.1631	7.1631	
11	Ln10 ⁴ 2/1000	(10)2/100	0.06667	0.05733	0.05685	0.05131	0.05131	
12	L/H(FrQm)2		10.000008	10.000008	10.000008	10.000008	10.000009	
13		11+12	10.066676	10.057343	10.056854	10.051318	10.051319	
14	Ln	10/13	11.122.458	132.047	132.613	139.582	139.582	
15	M=P ₂ -P ₃ -1			658	652	660	618	
16	N=ln(P ₂ -1)			254.506	255.072	272.195	272.195	
17	M x N	15/16			168973		168223	
18	BL*(M*N)	30/17			168973		337197	