
 FORM C-122E WORKSHEET FOR STEPWISE CALCULATION (SUBSURFACE) PRESSURE (P_f & P_w)

COMPANY : COLLINS AND WARE LEASE : S SHOOTER WELL NO. : FED 13 NO 1 DATE : 11 20 91
 UNIT : B SECTION : 13 TOWNSHIP : 20 RANGE : 33
 L : 13282 H : 13252 L/H : 1.0 G/GMIX : 0.677
 CO2 : 0.59 NO : 0.53 PCS : 0
 d : 2.441 Fr : 0.010763 Gm : 0.155 (L/H) (FrGm) 0.000035

PDR : 669 TCR : 382

LINE	ITEM	SOURCE	1	2	3	4	5
1	H		0	6641		13282	
2	GH		0	4493.96		8991.91	DELTA P = 1248.6
3	137.53H		0	165398		337197	P _w = 5011.8
4	P _o on P _w		3663.0	4390.3	4363.0	5040.0	5040.0
5	P _w		5.48	6.53	6.52	7.56	7.56
6	T		534	600.41	600.41	666.82	666.82
7	T _p		1.40	1.57	1.57	1.75	1.75
8	I		0.755	0.914	0.912	1.004	1.004
9	P _o P _w	A/B	4605.3	4903.1	4734.3	5040.9	5040.9
10	P _o P _w	B/C	8.8251	7.5996	7.5692	7.5596	7.5596
11	131010/1000(13)2/100		0.07439	0.06399	0.06351	0.05715	0.05715
12	131010/1000		0.000003	0.000003	0.000003	0.000003	0.000003
13		10+10	0.067439	0.063597	0.063501	0.057150	0.057150
14	I _p	10+10	135.935	135.000	133.477	132.276	132.276
15	P _o P _w - I _p			727	700	697	650
16	P _o P _w - I _p - I			240.935	241.410	237.764	237.764
17	P _o P _w - I _p - I _p	15+16			168932		168932
18	SUMMARY	SUM17			168932		337197