

1st Rate BACK to Surface
Pw

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FORM C-122E WORKSHEET FOR STEPWISE CALCULATION (SURFACE) PRESSURE (Pc & Pw)
COMPANY : PACIFIC ENTERPRISES LEASE : PEOC 21 WELL NO. : FED COM 1 DATE : 1 4 91
UNIT : 0 SECTION : 21 TOWNSHIP : 23 RANGE : 26
L : 10140 H : 10140 L/H : 1.0 G/GMIX : 0.650
CO2 : 0.5 N2 : 0.52 H2S : 0
d : 1.995 Fr : 0.018231 Qm : 0.000 (L/H) (FrQm) 0.000000
PCR : 670 TCR : 375
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LINE	ITEM	SOURCE	1	2	3	4	5	6
1	H		10140	5070		0		
2	GH		6591	3295.50		0		
3	37.5GH		247163	123581		0		
4	Pc or Pn		5113.9	4614.0	4601.9	4090.5	4060.9	4061.9
5	Pr		7.68	6.89	6.87	6.11	6.06	6.06
6	T		635.4	584.7	584.7	534	534	534
7	Tr		1.69	1.56	1.56	1.42	1.42	1.42
8	Z		1.000	0.929	0.928	0.845	0.842	0.842
9	P/ZP/Z	4/8	5141.3	4965.7	4958.2	4839.5	4821.2	4821.8
10	P/TZ	9/6	8.0914	8.4927	8.4799	9.0628	9.0285	9.0297
11	Ln10^2/1000	(10)2/100						
12	L/H(FrQm)2							
13		11+12						
14	In	10/13	123.588	117.748	117.925	110.342	110.760	110.746
15	M=Pn-Pn-1			500	512	511	541	540
16	N=In+In-1			241.336	241.513	228.267	228.685	228.671
17	M x N	15x16			123672			123483
18	SUM(MxN)	SUM17	247163		123491			

DELTA P = 1050.2
 Pw = ~~4061.9~~ 4061.9