

WORKSHEET FOR CALCULATION OF STATIC COLUMN WELLHEAD PRESSURE (P_w)

C-122D
Adopted 9-1-65

COMPANY YPC LEASE Blevins 11K Com WELL NO. 1 DATE 9-1-81

LOCATION: Unit D Section 35 Township 17-S Range 26-E

L 7272 H 7272 L/H 1.000 G 0.7715 % CO₂ 1.13 % N₂ 3.70 % H₂S N.I.
 $\frac{2\frac{1}{2}}{4\frac{1}{2}} = \frac{17233(398)}{39(16.0)} = \frac{28787.3}{634}$
 $\frac{14\frac{1}{2}}{4\frac{1}{2}} = \frac{39(16.0)}{(4.000)} = \frac{29411.3}{4.000}$

TABLE IX & X

LINE	1	2	3	4		
1 G _m	0.110	0.205	0.294	0.361		
2 F _w (W.H. PH)	550	551	552	553		
3 F _w (B.H. PH)	589	588	587	586		
4 F _w (T.W. + F _w)	569.5	569.5	569.5	569.5		
5 F _w (T.W. + F _w)	0.703	0.714	0.767	0.892		
6 F _w	405.125	400.339	406.663	507.994		
7 F _w (T.W. + F _w)	13.8483	14.0134	13.7973	12.8439	11.0440	
8 F _w (T.W. + F _w)	1.68086	1.6913	1.6772	1.6189	1.5131	
9 F _w (T.W. + F _w)	0.4087	0.6089	0.3822	0.3291		
10 F _w	264.82	1954.2	1631.2	1191.2	515.2	
11 F _w	1492.4	2607.8	2607.8	2607.8	2607.8	
12 F _w (T.W. + F _w)	6519.31	652549	51725	248165	60145	
13 F _w (T.W. + F _w)	615345	616418	71348	212976		
14 F _w (T.W. + F _w)	0.71934	1.3616	2.0976	2.9954		
15 F _w (T.W. + F _w)	0.5175	1.8539	4.400	8.9726		
16 F _w (T.W. + F _w)	0.21	0.75	1.68	3.00		
17 F _w (T.W. + F _w)	380739	268107	142064	271.57		
18 F _w (T.W. + F _w)	7395.8	64394	44982	22496	4109	
19 F _w	2720.2	25376	2120.9	15164	641.0	
20 F _w = $\frac{(F_w + P_{ser})}{2}$	2409.2	22444	1879.0	13538	579.6	
21 F _w = (F _w P _{ser})	3.538	3342	2.708	2.016	0.863	
22 T _w = (T/T _{ser})	1.405	1.401	1.401	1.401	1.401	
23 Z (Table XI)	0.7703	0.714	0.767	0.892		