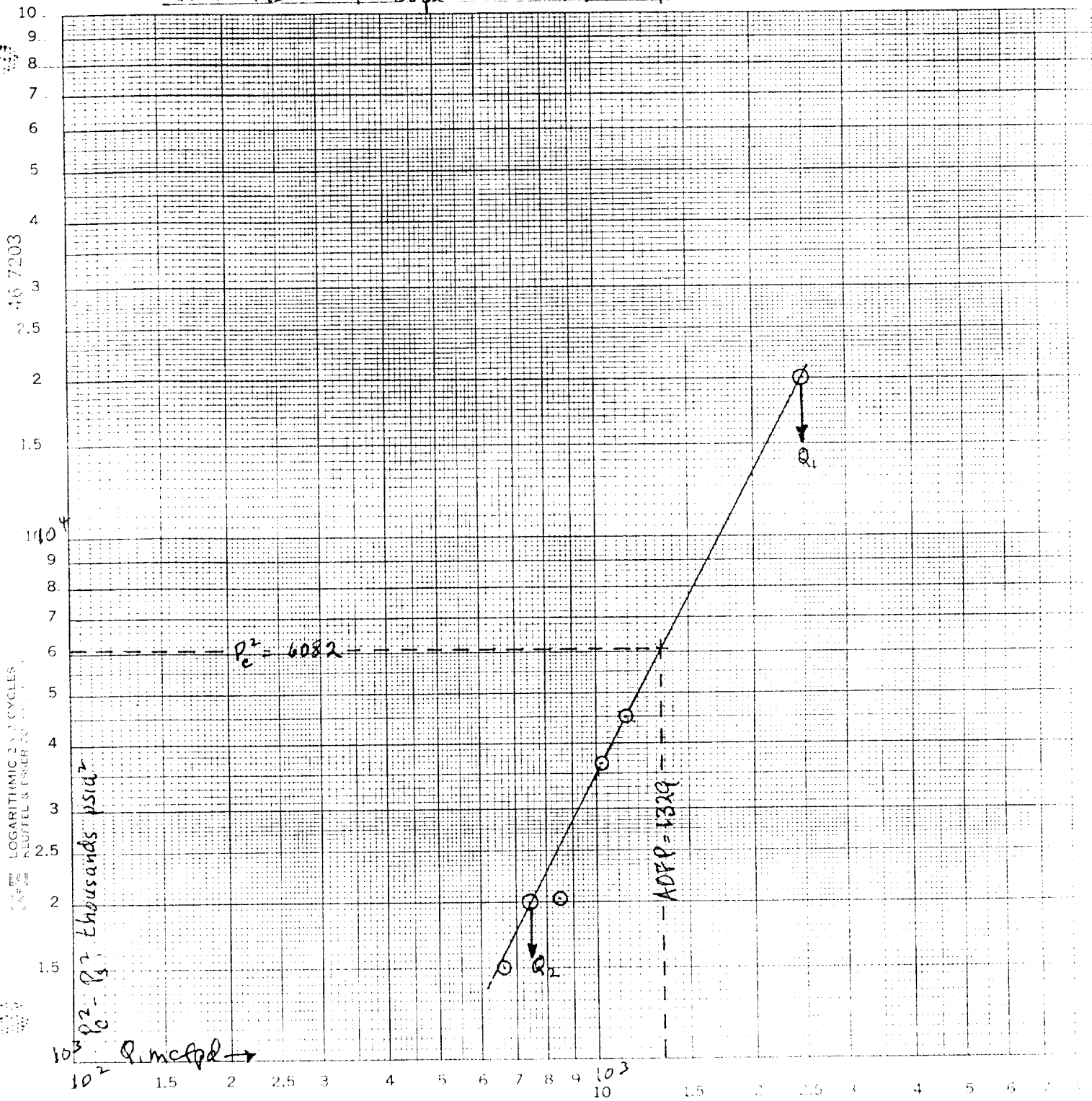


YPC - Rio Penasco RT Com. No. 1

H-3-195-25E, Boyd Perm Penn, Eddy Co. N.M.



$Q_1 = 2470$ mcfpd

$\log Q_1 = 3.3927$

$Q_2 = 747$ mcfpd

$\log Q_2 = 2.8733$

$n = 0.5194$

WORKSHEET FOR CALCULATION OF STATIC COLUMN WELLHEAD PRESSURE (P_w)

COMPANY YPC LEASE McC... WELL NO. 1 DATE 11-18-52

LOCATION: Unit: H Section: 3 Township: 19S Range: 25E

Well: 608C Date: 1-22-53 Time: 2:00 PM No. of Stages: 1
 Fracture Length: 2000 Fracture Width: 0.01 Fracture Area: 2000
 Fracture Permeability: 100 Fracture Skin Effect: 0

LINE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22			
1	51	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
2		0.661	0.800	0.910	1.000	1.070	1.130	1.180	1.230	1.270	1.310	1.350	1.390	1.430	1.470	1.510	1.550	1.590	1.630	1.670	1.710	1.750	1.790		
3	544	542	542	542	542	542	542	542	542	542	542	542	542	542	542	542	542	542	542	542	542	542	542		
4	587	586	586	586	586	586	586	586	586	586	586	586	586	586	586	586	586	586	586	586	586	586	586		
5	565.5	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564	564		
6	5702	5707	5713	5720	5728	5736	5745	5754	5763	5772	5781	5790	5799	5808	5817	5826	5835	5844	5853	5862	5871	5880	5889		
7	396.97	398.745	400.400	402.000	403.550	405.050	406.500	407.900	409.250	410.550	411.800	413.000	414.150	415.250	416.300	417.300	418.250	419.150	420.000	420.800	421.550	422.250	422.900	423.500	
8	1162.48	1157.30	1150.70	1142.70	1133.30	1122.50	1110.20	1096.50	1081.30	1064.60	1046.50	1027.00	1006.10	983.70	960.00	935.00	908.70	881.10	852.20	822.00	790.50	757.70	723.60	688.20	
9	1.54664	1.54334	1.53873	1.53288	1.52588	1.51773	1.50843	1.49798	1.48638	1.47363	1.45973	1.44468	1.42848	1.41113	1.39263	1.37298	1.35218	1.33023	1.30713	1.28288	1.25748	1.23093	1.20323	1.17448	
10	1.3521	0.3495	0.3356	0.3214	0.3069	0.2922	0.2773	0.2621	0.2467	0.2311	0.2153	0.1993	0.1831	0.1667	0.1502	0.1336	0.1169	0.1001	0.0832	0.0663	0.0493	0.0322	0.0150	0.0000	
11	1.1832	1.721.2	1.631.2	1.549.2	1.472.2	1.399.2	1.330.2	1.265.2	1.204.2	1.147.2	1.094.2	1.044.2	997.2	953.2	911.2	871.2	833.2	797.2	763.2	730.2	698.2	667.2	637.2	608.2	
12	3.133.1	2.962.5	2.792.5	2.622.5	2.452.5	2.282.5	2.112.5	1.942.5	1.772.5	1.602.5	1.432.5	1.262.5	1.092.5	0.922.5	0.752.5	0.582.5	0.412.5	0.242.5	0.072.5	0.002.5	0.002.5	0.002.5	0.002.5	0.002.5	0.002.5
13	6.282.0	6.346.0	6.410.0	6.474.0	6.538.0	6.602.0	6.666.0	6.730.0	6.794.0	6.858.0	6.922.0	6.986.0	7.050.0	7.114.0	7.178.0	7.242.0	7.306.0	7.370.0	7.434.0	7.498.0	7.562.0	7.626.0	7.690.0	7.754.0	
14	4.186.5	5.356	5.796	6.236	6.676	7.116	7.556	7.996	8.436	8.876	9.316	9.756	10.196	10.636	11.076	11.516	11.956	12.396	12.836	13.276	13.716	14.156	14.596	15.036	
15	17.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	6.1	16.00	5.47	3.64	2.21	1.17	0.62	0.34	0.19	0.10	0.05	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	2968.6	2630.3	2310.0	2007.0	1721.0	1452.0	1200.0	965.0	747.0	546.0	361.0	200.0	100.0	50.0	25.0	12.5	6.25	3.125	1.5625	0.78125	0.390625	0.1953125	0.09765625	0.048828125	
18	60582.1	4581.7	4050.7	3402.7	2748.7	2098.7	1452.7	810.7	372.7	167.7	75.7	34.7	16.7	8.7	4.7	2.7	1.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	
19	2.440.1	2.146.5	2.013.4	1.851.7	1.653.0	1.418.0	1.147.0	0.839.0	0.494.0	0.264.0	0.140.0	0.070.0	0.035.0	0.017.0	0.008.0	0.004.0	0.002.0	0.001.0	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	0.000.0	
20	2224.7	1930.8	1817.0	1405.4	1137.6	853.0	568.0	283.0	141.0	70.0	35.0	17.0	8.0	4.0	2.0	1.0	0.5	0.25	0.125	0.0625	0.03125	0.015625	0.0078125	0.00390625	
21	3.345	2.904	2.733	2.113	1.713	1.213	0.713	0.213	0.063	0.018	0.005	0.001	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
22	1.4100	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	1.396	
23	0.700	0.707	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	0.705	

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