



## Step Rate Test

### Cardinal Surveys Company

Step Rate Test

Date

Company Name

Well Name and Number

Field

County, State

Intersection Point:

1204 BPD

4604 PSIA Downhole

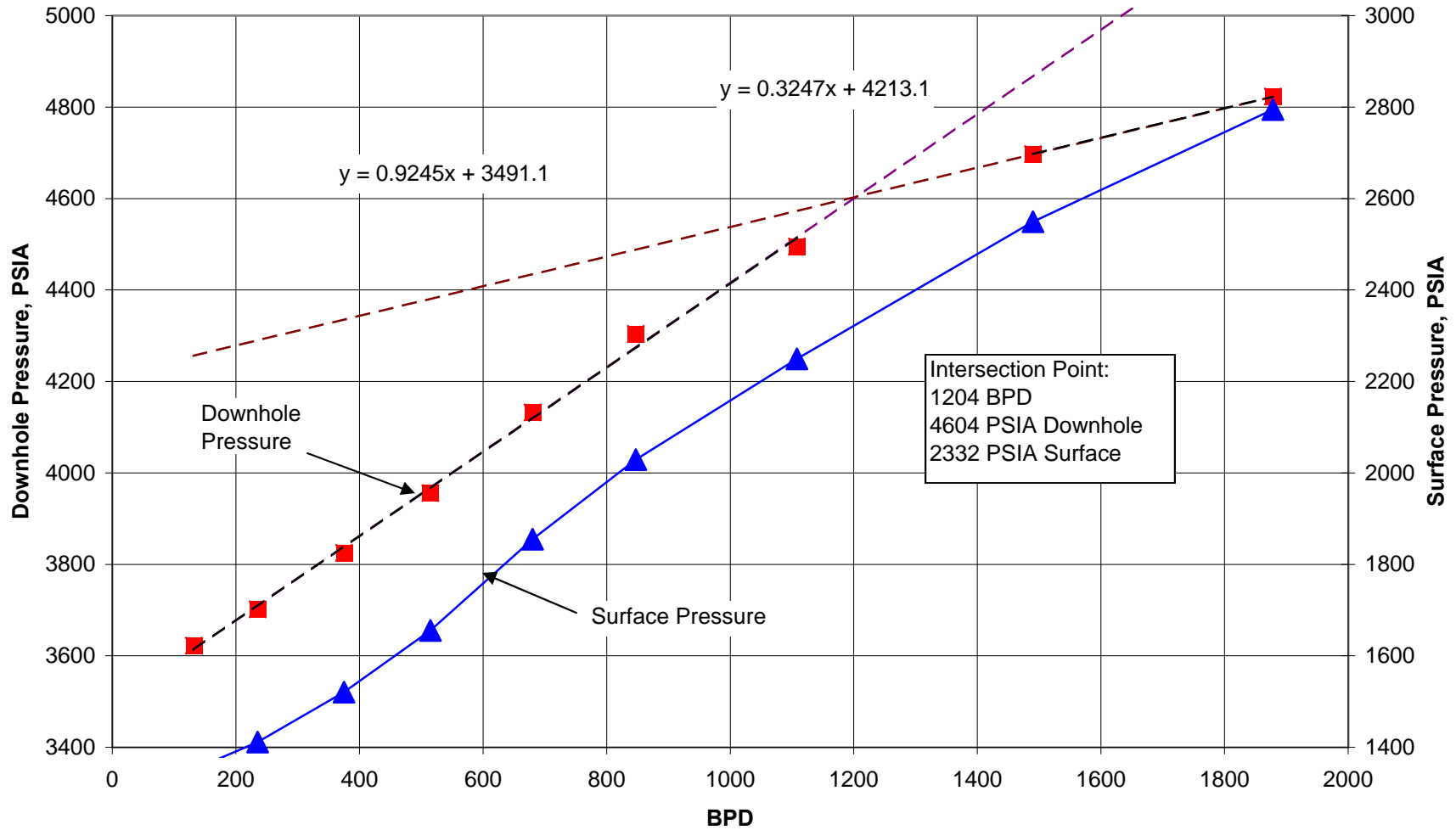
2332 PSIA Surface

7:00 AM Arrive location, rig up, install well head flange  
9:15 AM Pressure test, tighten flange  
10:13 AM G.I.H. (set down above packer @ 5380')  
11:03 AM Stationary @ 5380', 2250 PSIA surface, 3508.2 PSIA downhole  
11:18 PM Load hole, displace CO2  
12:00 PM CO2 shorted tools, C.O.H., continued pumping @ 125 BPD  
1:07 PM Begin injection test  
1:20 PM 132 BPD  
2:06 PM 235 BPD  
4:06 PM 525 BPD  
6:13 PM 680 BPD  
6:32 PM 875 BPD  
7:40 PM 1108 BPD  
8:58 PM 1490 BPD  
10:06 PM 1878 BPD  
11:06 PM C.O.H.  
12:40 AM Rig down

Injection Rate BPD	Surface Pressure PSIA	Downhole Pressure PSIA	Total Volume BBL
(load and displace hole)			25
132	1351.348	3622	31
235	1411.577	3702	33
375	1520.678	3825	42
525	1655.638	3956	59
680	1854.908	4132	114
847	2028.928	4304	144
1108	2249.572	4495	169
1490	2549.45	4697	290
1878	2794.481	4823	379



Company Name  
Step Rate Test Date  
Rate vs. Pressure (Downhole and Surface)





**Well Name and Number**  
**Step Rate Test Date**

