

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	16,991	22	4	16,781	53	4	16,584	70	4	16,431	43	4	16,252	42	4
	16,969	23	4	16,763	18	4	16,570	15	4	16,418	12	4	16,234	13	4
	16,946	22	4	16,745	18	4	16,555	15	4	16,406	22	4	16,221	17	4
	16,924	23	4	16,727	18	4	16,540	17	4	16,384	23	4	16,204	23	4
	16,901	22	4	16,709	18	4	16,523		4	16,361	22	4	16,181	22	4
	16,879	23	4	16,691	18	4	16,504	16	4	16,339	20	4	16,159	23	4
	16,856	22	3	16,673	19	3	16,488	14	3	16,319	25	3	16,136	22	3
	16,834		3	16,654		3	16,474		3	16,294		3	16,114		3
	Plug to Plug	92	30	Plug to Plug	63	30	Plug to Plug	54	30	Plug to Plug	62	30	Plug to Plug	57	30
	Frac Plug	17,016	Total Shots	Frac Plug	16,790	Total Shots	Frac Plug	16,594	Total Shots	Frac Plug	16,446	Total Shots	Frac Plug	16,261	Total Shots

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	16,091	23	4	15,911	23	4	15,735	19	4	15,550	46	4	15,372	22	4
	16,069	23	4	15,889	23	4	15,709	23	4	15,525	18	4	15,349	22	4
	16,046	22	4	15,866	22	4	15,686	22	4	15,507	23	4	15,327	23	4
	16,024	23	4	15,844	23	4	15,664	23	4	15,484	22	4	15,304	22	4
	16,001	22	4	15,821	22	4	15,641	22	4	15,462	23	4	15,282	23	4
	15,979	23	4	15,799	23	4	15,619	23	4	15,439	22	4	15,259	22	4
	15,956	22	3	15,776	22	3	15,596	-182	3	15,417	23	3	15,237	23	3
	15,934		3	15,754		3	15,778		3	15,394		3	15,214		3
	Plug to Plug	76	30	Plug to Plug	56	30	Plug to Plug	80	30	Plug to Plug	75	30	Plug to Plug	77	30
	Frac Plug	16,100	Total Shots	Frac Plug	15,900	Total Shots	Frac Plug	15,744	Total Shots	Frac Plug	15,559	Total Shots	Frac Plug	15,381	Total Shots

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	15,186	28	4	14,999	35	4	14,932	-72	4	14,852	22	4	14,472	22	4
	15,169	26	4	14,982	15	4	14,809	22	4	14,829	22	4	14,448	22	4
	15,143	19	4	14,967	23	4	14,787	23	4	14,807	23	4	14,427	23	4
	15,124	24	4	14,944	22	4	14,764	22	4	14,584	22	4	14,404	22	4
	15,100	21	4	14,922	22	4	14,742	23	4	14,562	23	4	14,382	23	4
	15,079	22	4	14,900	23	4	14,719	22	4	14,539	18	4	14,359	22	4
	15,057	23	3	14,877	17	3	14,697	23	3	14,521	27	3	14,337	23	3
	15,034		3	14,860		3	14,674		3	14,494		3	14,314		3
	Plug to Plug	77	30	Plug to Plug	64	30	Plug to Plug	77	30	Plug to Plug	77	30	Plug to Plug	78	30
	Frac Plug	15,201	Total Shots	Frac Plug	15,008	Total Shots	Frac Plug	14,841	Total Shots	Frac Plug	14,661	Total Shots	Frac Plug	14,482	Total Shots

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	14,292	22	4	14,112	23	4	13,932	23	4	13,732	43	4	13,560	35	4
	14,269	22	4	14,087	20	4	13,910	23	4	13,720	17	4	13,550	23	4
	14,247	23	4	14,067		4	13,887	22	4	13,703	18	4	13,527	22	4
	14,224	22	4		-14022	0	13,865	23	4	13,685	24	4	13,505	23	4
	14,202	22	4	14,022	22	4	13,842	22	4	13,661	21	4	13,482	22	4
	14,180	23	4	14,000	23	4	13,820	18	4	13,640	23	4	13,460	23	4
	14,157	22	3	13,977	22	3	13,802	27	3	13,617	22	3	13,437	17	3
	14,135		3	13,955		3	13,775		3	13,595		3	13,420		3
	Plug to Plug	70	30	Plug to Plug	14121	26	Plug to Plug	76	30	Plug to Plug	56	30	Plug to Plug	64	30
	Frac Plug	14,294	Total Shots	Frac Plug	14,121	Total Shots	Frac Plug	13,941	Total Shots	Frac Plug	13,741	Total Shots	Frac Plug	13,569	Total Shots

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	13,392	28	4	13,212	23	4	13,029	26	4	12,847	28	4	12,665	36	4
	13,367	20	4	13,190	23	4	13,008	21	4	12,828	21	4	12,650	22	4
	13,347	23	4	13,167	22	4	12,987	22	4	12,807	20	4	12,628	23	4
	13,324	22	4	13,145	23	4	12,965	23	4	12,787	24	4	12,605	22	4
	13,302	22	4	13,122	22	4	12,942	22	4	12,763	29	4	12,583	23	4
	13,280	23	4	13,100	19	4	12,920	23	4	12,734	16	4	12,560	22	4
	13,257	22	3	13,081	26	3	12,897	22	3	12,718	17	3	12,538	23	3
	13,235		3	13,055		3	12,875		3	12,701		3	12,515		3
	Plug to Plug	77	30	Plug to Plug	76	30	Plug to Plug	79	30	Plug to Plug	69	30	Plug to Plug	69	30
	Frac Plug	13,401	Total Shots	Frac Plug	13,221	Total Shots	Frac Plug	13,044	Total Shots	Frac Plug	12,856	Total Shots	Frac Plug	12,674	Total Shots

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	12,475	40	4	12,309	26	4	12,133	22	4	11,934	41	4	11,773	22	4
	12,463	16	4	12,290	22	4	12,110	22	4	11,920	14	4	11,750	22	4
	12,447	22	4	12,268	19	4	12,088	23	4	11,906	21	4	11,728	21	4
	12,425	22	4	12,249	26	4	12,065	22	4	11,885	22	4	11,707	24	4
	12,403	23	4	12,223	26	4	12,043	23	4	11,863	23	4	11,683	28	4
	12,380	22	4	12,197	19	4	12,020	30	4	11,840	22	4	11,655	17	4
	12,358	23	3	12,178	23	3	11,990	15	3	11,818	23	3	11,638	15	3
	12,335		3	12,155		3	11,975		3	11,795		3	11,623		3
	Plug to Plug	59	30	Plug to Plug	69	30	Plug to Plug	77	30	Plug to Plug	58	30	Plug to Plug	75	30
	Frac Plug	12,484	Total Shots	Frac Plug	12,318	Total Shots	Frac Plug	12,142	Total Shots	Frac Plug	11,943	Total Shots	Frac Plug	11,782	Total Shots

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	11,593	30	4	11,413	22	4	11,217	39	4	11,053	27	4	10,866	30	4
	11,570	22	4	11,390	21	4	11,200	18	4	11,028	20	4	10,851	27	4
	11,548	23	4	11,369	23	4	11,182	18	4	11,008	22	4	10,824	18	4
	11,525	22	4	11,348	29	4	11,164	21	4	10,986	23	4	10,806	23	4
	11,503	23	4	11,317	17	4	11,143	22	4	10,963	22	4	10,783	22	4
	11,480	22	4	11,300	25	4	11,121	23	4	10,941	23	4	10,761	23	4
	11,458	23	3	11,275	19	3	11,098	18	3	10,918	22	3	10,738	22	3
	11,435		3	11,256		3	11,080		3	10,896		3	10,716		3
	Plug to Plug	77	30	Plug to Plug	76	30	Plug to Plug	62	30	Plug to Plug	76	30	Plug to Plug	75	30
	Frac Plug	11,602	Total Shots	Frac Plug	11,422	Total Shots	Frac Plug	11,226	Total Shots	Frac Plug	11,062	Total Shots	Frac Plug	10,881	Total Shots

From Bottom to Top		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots		Distance Between Perfs	Shots
	10,682	34	4	10,513	29	4	10,337	19	4	10,145	31	4	9,967	32	4
	10,665	19	4	10,491	23	4	10,311	26	4	10,129	21	4	9,951	22	4
	10,646	20	4	10,468	22	4	10,285	19	4	10,108	22	4	9,929	23	4
	10,626	23	4	10,446	23	4	10,266	23	4	10,086	23	4	9,906	20	4
	10,603	20	4	10,423	22	4	10,243	22	4	10,063	20	4	9,886	25	4
	10,583	25	4	10,401	21	4	10,221	23	4	10,043	25	4	9,861	22	4
	10,558	16	3	10,380	24	3	10,198	22	3	10,018	19	3	9,839	23	3
	10,542		3	10,356		3	10,176		3	9,999		3	9,816		3
	Plug to Plug	65	30	Plug to Plug	76	30	Plug to Plug	76	30	Plug to Plug	68	30	Plug to Plug	70	30
	Frac Plug	10,691	Total Shots	Frac Plug	10,522	Total Shots	Frac Plug	10,342	Total Shots	Frac Plug	10,154	Total Shots	Frac Plug	9,976	Total Shots