

30-025-43553

From Bottom to Top	Stage 1	Distance Between Perfs	Shots	Stage 2	Distance Between Perfs	Shots	Stage 3	Distance Between Perfs	Shots	Stage 4	Distance Between Perfs	Shots	Stage 5	Distance Between Perfs	Shots
	22,080	10	5	21,921	22	5	21,732	32	5	21,555	30	5	21,381	25	5
	22,070	15	5	21,899	23	5	21,720	23	5	21,541	23	5	21,363	24	5
	22,055	22	5	21,876	22	5	21,697	22	5	21,518	22	5	21,339	20	5
	22,033	23	5	21,854	23	5	21,675	23	5	21,496	23	5	21,319	25	5
	22,010	22	5	21,831	22	5	21,652		5	21,473	22	5	21,294	20	5
	21,988	22	5	21,809	22	5	21,630	22	5	21,451	22	5	21,274	24	5
	21,966	23	5	21,787	23	5	21,608	23	5	21,429	23	5	21,250	20	5
	21,943		5	21,764		5	21,585		5	21,406		5	21,230		5
	Plug to Plug	61	40	Plug to Plug	78	40	Plug to Plug	68	40	Plug to Plug	70	40	Plug to Plug	72	40
Frac Plug		22,094	Total Shots	Frac Plug	21,932	Total Shots	Frac Plug	21,743	Total Shots	Frac Plug	21,566	Total Shots	Frac Plug	21,391	Total Shots

From Bottom to Top	Stage 6	Distance Between Perfs	Shots	Stage 7	Distance Between Perfs	Shots	Stage 8	Distance Between Perfs	Shots	Stage 9	Distance Between Perfs	Shots	Stage 10	Distance Between Perfs	Shots
	21,200	30	5	21,026	21	5	20,847	22	5	20,668	22	5	20,489	22	5
	21,187	27	5	21,003	22	5	20,824	22	5	20,645	22	5	20,466	22	5
	21,160	27	5	20,981	22	5	20,802	22	5	20,623	22	5	20,444	23	5
	21,133	18	5	20,959	23	5	20,780	23	5	20,601	23	5	20,421	22	5
	21,115	25	5	20,936	22	5	20,757	22	5	20,578	22	5	20,399	22	5
	21,090	19	5	20,914	23	5	20,735	23	5	20,556	23	5	20,377	23	5
	21,071	24	5	20,891	22	5	20,712	22	5	20,533	22	5	20,354	22	5
	21,047		5	20,869		5	20,690		5	20,511		5	20,332		5
	Plug to Plug	81	40	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	79	40
Frac Plug		21,214	Total Shots	Frac Plug	21,037	Total Shots	Frac Plug	20,858	Total Shots	Frac Plug	20,679	Total Shots	Frac Plug	20,500	Total Shots

From Bottom to Top	Stage 11	Distance Between Perfs	Shots	Stage 12	Distance Between Perfs	Shots	Stage 13	Distance Between Perfs	Shots	Stage 14	Distance Between Perfs	Shots	Stage 15	Distance Between Perfs	Shots
	20,310	22	5	20,124	29	5	19,949	29	5	19,758	37	5	19,582	34	5
	20,287	22	5	20,105	25	5	19,929	24	5	19,745	17	5	19,565	16	5
	20,265	23	5	20,080	17	5	19,905	21	5	19,728	23	5	19,549	23	5
	20,242	20	5	20,063	27	5	19,884	22	5	19,705	22	5	19,526	22	5
	20,222	24	5	20,036	17	5	19,862	22	5	19,683	22	5	19,504	22	5
	20,198	19	5	20,019	26	5	19,840	23	5	19,661	23	5	19,482	23	5
	20,179	26	5	19,993	15	5	19,817	22	5	19,638	22	5	19,459	22	5
	20,153		5	19,978		5	19,795		5	19,616		5	19,437		5
	Plug to Plug	79	40	Plug to Plug	79	40	Plug to Plug	81	40	Plug to Plug	65	40	Plug to Plug	67	40
Frac Plug		20,321	Total Shots	Frac Plug	20,142	Total Shots	Frac Plug	19,965	Total Shots	Frac Plug	19,770	Total Shots	Frac Plug	19,593	Total Shots

From Bottom to Top	Stage 16	Distance Between Perfs	Shots	Stage 17	Distance Between Perfs	Shots	Stage 18	Distance Between Perfs	Shots	Stage 19	Distance Between Perfs	Shots	Stage 20	Distance Between Perfs	Shots
	19,406	31	5	19,235	27	5	19,054	22	5	18,877	23	5	18,698	23	5
	19,392	22	5	19,207	16	5	19,031	19	5	18,855	22	5	18,676	23	5
	19,370	20	5	19,191	27	5	19,012	24	5	18,833	23	5	18,653	22	5
	19,350	25	5	19,164	18	5	18,988	21	5	18,810	22	5	18,631	22	5
	19,325	19	5	19,146	26	5	18,967	23	5	18,788	23	5	18,609	23	5
	19,306	26	5	19,120	19	5	18,944	22	5	18,765	22	5	18,586	22	5
	19,280	18	5	19,101	25	5	18,922	22	5	18,743	22	5	18,564	22	5
	19,262		5	19,076		5	18,900		5	18,721		5	18,542		5
	Plug to Plug	68	40	Plug to Plug	83	40	Plug to Plug	77	40	Plug to Plug	78	40	Plug to Plug	78	40
Frac Plug		19,418	Total Shots	Frac Plug	19,247	Total Shots	Frac Plug	19,065	Total Shots	Frac Plug	18,888	Total Shots	Frac Plug	18,709	Total Shots

From Bottom to Top	Stage 21	Distance Between Perfs	Shots	Stage 22	Distance Between Perfs	Shots	Stage 23	Distance Between Perfs	Shots	Stage 24	Distance Between Perfs	Shots	Stage 25	Distance Between Perfs	Shots
	18,519	23	5	18,340	23	5	18,140	49	5	17,982	20	5	17,803	22	5
	18,497	23	5	18,318	23	5	18,127	27	5	17,960	23	5	17,781	23	5
	18,474	22	5	18,295	22	5	18,100	15	5	17,937	22	5	17,758	22	5
	18,452	22	5	18,273	22	5	18,085	26	5	17,915	22	5	17,736	22	5
	18,430	23	5	18,251	23	5	18,059	15	5	17,893	23	5	17,714	23	5
	18,407	22	5	18,228	22	5	18,044	26	5	17,870	22	5	17,691	22	5
	18,385	22	5	18,206	17	5	18,018	16	5	17,848	23	5	17,669	23	5
	18,363		5	18,189		5	18,002		5	17,825		5	17,646		5
	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	65	40	Plug to Plug	67	40	Plug to Plug	78	40
Frac Plug		18,530	Total Shots	Frac Plug	18,351	Total Shots	Frac Plug	18,150	Total Shots	Frac Plug	17,982	Total Shots	Frac Plug	17,814	Total Shots

From Bottom to Top	Stage 26	Distance Between Perfs	Shots	Stage 27	Distance Between Perfs	Shots	Stage 28	Distance Between Perfs	Shots	Stage 29	Distance Between Perfs	Shots	Stage 30	Distance Between Perfs	Shots
	17,624	22	5	17,445	22	5	17,268	22	5	17,087	22	5	16,904	26	5
	17,602	23	5	17,423	23	5	17,244	23	5	17,064	22	5	16,885	24	5
	17,579	22	5	17,400	22	5	17,221	22	5	17,042	22	5	16,861	20	5
	17,557	23	5	17,378	23	5	17,199	23	5	17,020	19	5	16,841	23	5
	17,534	22	5	17,355	22	5	17,176	22	5	17,001	26	5	16,818	22	5
	17,512	22	5	17,333	22	5	17,154	22	5	16,975	19	5	16,796	22	5
	17,490	23	5	17,311	23	5	17,132	23	5	16,956	26	5	16,774	23	5
	17,467		5	17,288		5	17,109		5	16,930		5	16,751		5
	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	78	40
Frac Plug		17,635	Total Shots	Frac Plug	17,456	Total Shots	Frac Plug	17,277	Total Shots	Frac Plug	17,098	Total Shots	Frac Plug	16,919	Total Shots

From Bottom to Top	Stage 31	Distance Between Perfs	Shots	Stage 32	Distance Between Perfs	Shots	Stage 33	Distance Between Perfs	Shots	Stage 34	Distance Between Perfs	Shots	Stage 35	Distance Between Perfs	Shots
	16,729	22	5	16,540	32	5	16,367	26	5	16,192	26	5	16,013	20	5
	16,706	22	5	16,527	22	5	16,350	24	5	16,171	24	5	15,988	20	5
	16,684	22	5	16,505	22	5	16,326	22	5	16,147	28	5	15,968	23	5
	16,662	23	5	16,483	23	5	16,304	23	5	16,119	17	5	15,945	22	5
	16,639	22	5	16,460	22	5	16,281	20	5	16,102	17	5	15,923	22	5
	16,617	22	5	16,438	23	5	16,261	25	5	16,085	28	5	15,901	23	5
	16,595	23	5	16,415	22	5	16,236	18	5	16,057	24	5	15,878	22	5
	16,572		5	16,393		5	16,218		5	16,033		5	15,856		5
	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	84	40	Plug to Plug	79	40
	Frac Plug	16,740	Total Shots	Frac Plug	16,561	Total Shots	Frac Plug	16,382	Total Shots	Frac Plug	16,203	Total Shots	Frac Plug	16,024	Total Shots

From Bottom to Top	Stage 36	Distance Between Perfs	Shots	Stage 37	Distance Between Perfs	Shots	Stage 38	Distance Between Perfs	Shots	Stage 39	Distance Between Perfs	Shots	Stage 40	Distance Between Perfs	Shots
	15,834	22	5	15,655	22	5	15,474	24	5	15,286	33	5	15,114	26	5
	15,811	20	5	15,632	24	5	15,453	22	5	15,272	20	5	15,096	23	5
	15,791	25	5	15,608	11	5	15,431	23	5	15,252	23	5	15,073	21	5
	15,766	19	5	15,597	37	5	15,408	22	5	15,229	22	5	15,052	24	5
	15,747	25	5	15,560	17	5	15,386	22	5	15,207	22	5	15,028	28	5
	15,722	18	5	15,543	25	5	15,364	23	5	15,185	23	5	15,000	17	5
	15,704	27	5	15,518	20	5	15,341	22	5	15,162	22	5	14,983	15	5
	15,677		5	15,498		5	15,319		5	15,140		5	14,968		5
	Plug to Plug	79	40	Plug to Plug	69	40	Plug to Plug	79	40	Plug to Plug	69	40	Plug to Plug	72	40
	Frac Plug	15,845	Total Shots	Frac Plug	15,666	Total Shots	Frac Plug	15,487	Total Shots	Frac Plug	15,298	Total Shots	Frac Plug	15,124	Total Shots

From Bottom to Top	Stage 41	Distance Between Perfs	Shots	Stage 42	Distance Between Perfs	Shots	Stage 43	Distance Between Perfs	Shots	Stage 44	Distance Between Perfs	Shots	Stage 45	Distance Between Perfs	Shots
	14,938	30	5	14,759	23	5	14,580	23	5	14,401	23	5	14,222	23	5
	14,913	19	5	14,737	22	5	14,558	22	5	14,379	22	5	14,200	23	5
	14,894	23	5	14,715	22	5	14,536	23	5	14,357	23	5	14,177	22	5
	14,871	22	5	14,693	23	5	14,513	22	5	14,334	22	5	14,155	22	5
	14,849	23	5	14,670	23	5	14,491	23	5	14,312	23	5	14,133	23	5
	14,826	22	5	14,647	22	5	14,468	22	5	14,289	22	5	14,110	22	5
	14,804	22	5	14,625	22	5	14,446	22	5	14,267	22	5	14,088	22	5
	14,782		5	14,603		5	14,424		5	14,245		5	14,066		5
	Plug to Plug	79	40	Plug to Plug	78	40	Plug to Plug	79	40	Plug to Plug	78	40	Plug to Plug	78	40
	Frac Plug	14,950	Total Shots	Frac Plug	14,771	Total Shots	Frac Plug	14,592	Total Shots	Frac Plug	14,412	Total Shots	Frac Plug	14,233	Total Shots

From Bottom to Top	Stage 46	Distance Between Perfs	Shots	Stage 47	Distance Between Perfs	Shots	Stage 48	Distance Between Perfs	Shots	Stage 49	Distance Between Perfs	Shots	Stage 50	Distance Between Perfs	Shots
	14,043	23	5	13,865	22	5	13,680	27	5	13,506	22	5	13,317	32	5
	14,021	23	5	13,842	21	5	13,663	27	5	13,484	23	5	13,300	18	5
	13,998	22	5	13,821	24	5	13,636	18	5	13,461	22	5	13,282	22	5
	13,976	22	5	13,797	18	5	13,618	26	5	13,439	22	5	13,260	22	5
	13,954	23	5	13,779	27	5	13,592	19	5	13,417	23	5	13,238	23	5
	13,931	22	5	13,752	17	5	13,573	26	5	13,394	22	5	13,215	22	5
	13,909	22	5	13,735	28	5	13,547	19	5	13,372	23	5	13,193	23	5
	13,887		5	13,707		5	13,528		5	13,349		5	13,170		5
	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	68	40
	Frac Plug	14,054	Total Shots	Frac Plug	13,875	Total Shots	Frac Plug	13,696	Total Shots	Frac Plug	13,517	Total Shots	Frac Plug	13,328	Total Shots

From Bottom to Top	Stage 51	Distance Between Perfs	Shots	Stage 52	Distance Between Perfs	Shots	Stage 53	Distance Between Perfs	Shots	Stage 54	Distance Between Perfs	Shots	Stage 55	Distance Between Perfs	Shots
	13,142	28	5	12,969	27	5	12,790	21	5	12,611	22	5	12,432	22	5
	13,126	23	5	12,952	28	5	12,766	21	5	12,588	22	5	12,409	22	5
	13,103	22	5	12,924	24	5	12,745	22	5	12,566	22	5	12,387	22	5
	13,081	23	5	12,900	21	5	12,723	23	5	12,544	23	5	12,365	22	5
	13,058	20	5	12,879	24	5	12,700	22	5	12,521	22	5	12,343	23	5
	13,038	24	5	12,855	20	5	12,678	22	5	12,499	22	5	12,320	20	5
	13,014	18	5	12,835	24	5	12,656	23	5	12,477	23	5	12,300	25	5
	12,996		5	12,811		5	12,633		5	12,454		5	12,275		5
	Plug to Plug	71	40	Plug to Plug	80	40	Plug to Plug	78	40	Plug to Plug	78	40	Plug to Plug	78	40
	Frac Plug	13,152	Total Shots	Frac Plug	12,980	Total Shots	Frac Plug	12,801	Total Shots	Frac Plug	12,622	Total Shots	Frac Plug	12,443	Total Shots

Boone 16 State #3H

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>	
1	4032	261320	576114	13717
2	3024	361440	363636	8658
3	3024	360420	343350	8175
4	3024	360540	330960	7880
5	3024	360760	326382	7771
6	3024	360450	468636	11158
7	3024	360760	336168	8004
8	3024	360440	317772	7566
9	3024	360540	366240	8720
10	3024	361320	335370	7985
11	3024	360820	348936	8308
12	3024	362660	319284	7602
13	3024	360380	347466	8273
14	3024	360840	329742	7851
15	3024	360450	362586	8633
16	3024	360340	329826	7853
17	3024	360340	331884	7902
18	3024	360290	329574	7847
19	3024	361740	314244	7482
20	3024	360130	409626	9753
21	3024	360550	351330	8365
22	3024	360530	326382	7771
23	3024	353700	477792	11376
24	3024	359980	424830	10115
25	3024	358090	403074	9597
26	3024	361660	450828	10734
27	3024	273970	294798	7019
28	3024	362530	400260	9530
29	3024	362110	330834	7877
30	3024	360900	322350	7675
31	3024	360010	327054	7787
32	3024	360350	308322	7341
33	3024	362400	323820	7710
34	3024	361640	312690	7445
35	3024	363340	313614	7467
36	3024	360340	307776	7328
37	3024	360370	303408	7224
38	3024	361120	308490	7345
39	3024	361100	355278	8459
40	3024	360370	310338	7389
41	3024	360300	312144	7432
42	3024	362060	310212	7386
43	3024	361200	315336	7508
44	3024	360960	311892	7426
45	3024	362750	309624	7372
46	3024	360340	308490	7345
47	3024	360740	306852	7306
48	3024	360340	306432	7296
49	3024	360020	306390	7295
50	4536	361460	281358	6699
51	3024	360850	300426	7153
52	3024	361020	301896	7188
53	3024	362400	307398	7319
54	3024	363100	307146	7313
55	3024	394920	312900	7450
Totals	164,808	19,432,180	18,739,560	