

30-025-44505

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
	19,185	22	5	18,985	46	5	18,834	22	5	18,656	24	5	18,480	24	5
	19,163	22	5	18,975	10	5	18,812	20	5	18,638	22	5	18,461	26	5
	19,141	22	5	18,965	21	5	18,792	24	5	18,614	22	5	18,435	18	5
	19,119	22	5	18,944	22	5	18,768	22	5	18,592	24	5	18,417	24	5
	19,097	22	5	18,922	22	5	18,746		5	18,568	20	5	18,393	20	5
	19,075	22	5	18,900	22	5	18,724	20	5	18,548	26	5	18,373	23	5
	19,053	22	5	18,878	22	5	18,704	24	5	18,522	18	5	18,350	21	5
	19,031		5	18,856		5	18,680		5	18,504		5	18,329		5
	Plug to Plug	91	40	Plug to Plug	54	40	Plug to Plug	77	40	Plug to Plug	77	40	Plug to Plug	76	40
Frac Plug		19,210	Total Shots	Frac Plug	18,998	Total Shots	Frac Plug	18,845	Total Shots	Frac Plug	18,669	Total Shots	Frac Plug	18,493	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
	18,307	22	5	18,130	23	5	17,950	28	5	17,774	28	5	17,597	31	5
	18,295	32	5	18,109	22	5	17,934	22	5	17,758	22	5	17,582	22	5
	18,263	22	5	18,087	22	5	17,912	22	5	17,736	22	5	17,560	19	5
	18,241	22	5	18,065	22	5	17,890	22	5	17,714	22	5	17,541	24	5
	18,219	22	5	18,043	22	5	17,868	22	5	17,692	22	5	17,517	22	5
	18,197	22	5	18,021	21	5	17,846	22	5	17,670	22	5	17,495	22	5
	18,175	22	5	18,000	22	5	17,824	22	5	17,648	20	5	17,473	21	5
	18,153		5	17,978		5	17,802		5	17,628		5	17,452		5
	Plug to Plug	77	40	Plug to Plug	81	40	Plug to Plug	77	40	Plug to Plug	70	40	Plug to Plug	67	40
Frac Plug		18,318	Total Shots	Frac Plug	18,146	Total Shots	Frac Plug	17,967	Total Shots	Frac Plug	17,784	Total Shots	Frac Plug	17,608	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
	17,426	26	5	17,252	25	5	17,078	27	5	16,902	22	5	16,726	22	5
	17,407	22	5	17,233	24	5	17,052	18	5	16,880	22	5	16,704	22	5
	17,385	21	5	17,209	26	5	17,034	26	5	16,858	22	5	16,682	22	5
	17,364	23	5	17,183	18	5	17,008	18	5	16,836	22	5	16,660	22	5
	17,341	22	5	17,165	26	5	16,990	24	5	16,814	22	5	16,638	22	5
	17,319	22	5	17,139	18	5	16,966	20	5	16,792	22	5	16,616	21	5
	17,297	20	5	17,121	16	5	16,946	22	5	16,770	22	5	16,595	22	5
	17,277		5	17,105		5	16,924		5	16,748		5	16,573		5
	Plug to Plug	72	40	Plug to Plug	79	40	Plug to Plug	80	40	Plug to Plug	77	40	Plug to Plug	77	40
Frac Plug		17,436	Total Shots	Frac Plug	17,262	Total Shots	Frac Plug	17,088	Total Shots	Frac Plug	16,913	Total Shots	Frac Plug	16,737	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
	16,551	22	5	16,375	22	5	16,192	29	5	16,018	28	5	15,846	24	5
	16,529	22	5	16,353	22	5	16,177	28	5	16,002	17	5	15,826	23	5
	16,507	22	5	16,331	22	5	16,149	15	5	15,985	27	5	15,803	21	5
	16,485	22	5	16,309	21	5	16,134	19	5	15,958	25	5	15,782	28	5
	16,463	22	5	16,288	23	5	16,115	25	5	15,933	19	5	15,754	16	5
	16,441	22	5	16,265	20	5	16,090	30	5	15,914	24	5	15,738	22	5
	16,419	22	5	16,245	24	5	16,060	14	5	15,890	20	5	15,716	22	5
	16,397		5	16,221		5	16,046		5	15,870		5	15,694		5
	Plug to Plug	77	40	Plug to Plug	77	40	Plug to Plug	76	40	Plug to Plug	77	40	Plug to Plug	80	40
Frac Plug		16,562	Total Shots	Frac Plug	16,386	Total Shots	Frac Plug	16,210	Total Shots	Frac Plug	16,035	Total Shots	Frac Plug	15,862	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
	15,673	21	5	15,488	33	5	15,310	33	5	15,134	34	5	14,960	32	5
	15,651	22	5	15,475	22	5	15,299	22	5	15,120	18	5	14,945	19	5
	15,629	22	5	15,453	22	5	15,277	22	5	15,102	22	5	14,926	22	5
	15,607	22	5	15,431	22	5	15,255	22	5	15,080	22	5	14,904	22	5
	15,585	22	5	15,409	22	5	15,233	21	5	15,058	22	5	14,882	22	5
	15,563	22	5	15,387	22	5	15,212	22	5	15,036	22	5	14,860	22	5
	15,541	22	5	15,365	22	5	15,190	22	5	15,014	22	5	14,838	22	5
	15,519		5	15,343		5	15,168		5	14,992		5	14,816		5
	Plug to Plug	79	40	Plug to Plug	65	40	Plug to Plug	65	40	Plug to Plug	64	40	Plug to Plug	66	40
Frac Plug		15,686	Total Shots	Frac Plug	15,496	Total Shots	Frac Plug	15,320	Total Shots	Frac Plug	15,144	Total Shots	Frac Plug	14,970	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
	14,787	29	5	14,614	27	5	14,440	26	5	14,264	28	5	14,092	25	5
	14,772	22	5	14,597	22	5	14,421	22	5	14,249	25	5	14,072	24	5
	14,750	21	5	14,575	22	5	14,399	21	5	14,224	20	5	14,048	20	5
	14,729	22	5	14,553	22	5	14,378	23	5	14,204	24	5	14,028	24	5
	14,707	22	5	14,531	22	5	14,355	21	5	14,180	18	5	14,004	18	5
	14,685	22	5	14,509	22	5	14,334	23	5	14,162	26	5	13,986	26	5
	14,663	22	5	14,487	21	5	14,311	19	5	14,136	19	5	13,960	22	5
	14,641		5	14,466		5	14,292		5	14,117		5	13,938		5
	Plug to Plug	68	40	Plug to Plug	71	40	Plug to Plug	72	40	Plug to Plug	70	40	Plug to Plug	75	40
Frac Plug		14,797	Total Shots	Frac Plug	14,624	Total Shots	Frac Plug	14,450	Total Shots	Frac Plug	14,274	Total Shots	Frac Plug	14,103	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
	13,916	22	5	13,741	27	5	13,565	22	5	13,388	22	5	13,214	22	5
	13,897	25	5	13,717	20	5	13,543	22	5	13,367	21	5	13,192	22	5
	13,872	27	5	13,697	22	5	13,521	22	5	13,346	22	5	13,170	22	5
	13,845	17	5	13,675	22	5	13,499	22	5	13,324	22	5	13,148	22	5
	13,828	27	5	13,653	22	5	13,477	22	5	13,302	22	5	13,126	22	5
	13,801	16	5	13,631	22	5	13,455	22	5	13,280	22	5	13,104	22	5
	13,785	17	5	13,609	22	5	13,433	22	5	13,258	22	5	13,082	22	5
	13,768		5	13,587		5	13,411		5	13,236		5	13,060		5
	Plug to Plug	82	40	Plug to Plug	77	40	Plug to Plug	77	40	Plug to Plug	76	40	Plug to Plug	77	40
	Frac Plug	13,927	Total Shots	Frac Plug	13,752	Total Shots	Frac Plug	13,576	Total Shots	Frac Plug	13,400	Total Shots	Frac Plug	13,225	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
	13,038	22	5	12,863	21	5	12,687	22	5	12,511	22	5	12,336	22	5
	13,016	16	5	12,841	22	5	12,665	22	5	12,489	22	5	12,314	22	5
	13,000	28	5	12,819	22	5	12,643	22	5	12,467	22	5	12,292	22	5
	12,972	18	5	12,797	22	5	12,621	22	5	12,445	22	5	12,270	22	5
	12,954	26	5	12,775	22	5	12,599	22	5	12,423	21	5	12,248	22	5
	12,928	18	5	12,753	22	5	12,577	22	5	12,402	22	5	12,226	22	5
	12,910	26	5	12,731	22	5	12,555	22	5	12,380	22	5	12,204	22	5
	12,884		5	12,709		5	12,533		5	12,358		5	12,182		5
	Plug to Plug	77	40	Plug to Plug	77	40	Plug to Plug	77	40	Plug to Plug	77	40	Plug to Plug	77	40
	Frac Plug	13,049	Total Shots	Frac Plug	12,874	Total Shots	Frac Plug	12,698	Total Shots	Frac Plug	12,522	Total Shots	Frac Plug	12,347	Total Shots

Ushanka Federal Com #23H

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	1512	625220	920682
2	4536	442510	405048
3	3024	442190	430920
4	3024	441180	435330
5	3024	442880	405888
6	3024	441430	395808
7	3024	371030	372540
8	3024	445040	409626
9	3024	429530	385770
10	3024	448330	476868
11	3024	448320	423402
12	3024	442530	390936
13	3024	442360	392406
14	3024	442370	397404
15	3024	443050	389004
16	3024	444050	392196
17	3024	441820	392154
18	3024	442390	389928
19	3024	443830	391230
20	3024	441840	389172
21	3024	442380	391734
22	3024	442330	392700
23	3024	440840	450282
24	3024	443710	389844
25	3024	439650	606774
26	3024	442510	385938
27	3024	424590	489426
28	3024	447890	391272
29	3024	446130	393666
30	3024	446080	392280
31	3024	444200	413532
32	3024	439470	419412
33	3024	442620	390096
34	3024	444470	388248
35	3024	443680	407568
36	3024	444770	384804
37	3024	443500	393120
38	3024	442590	388836
39	3024	442840	383250
40	3024	464620	392322
Totals	119,448	17,830,770	16,831,416