

Eider Federal #102H

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	1512	342301	324198
2	1596	361391	329658
3	1512	320142	281400
4	1554	361571	304878
5	1512	360251	339654
6	1512	317413	299292
7	1512	388213	315756
8	1512	361628	312522
9	1554	381895	320040
10	1512	416012	332514
11	1554	361176	302904
12	1512	361099	301308
13	1512	354765	290598
14	1512	363331	299544
15	1554	366054	296310
16	1512	362850	301854
17	1512	363484	294630
18	1596	359341	316134
19	1512	359262	291816
20	1554	355335	291984
21	1512	362288	291312
22	1554	362275	292488
23	1470	360010	290262
24	1554	360150	275688
25	1512	359999	289086
26	1512	360235	300384
27	1512	360390	291564
28	1512	362602	293958
29	1512	359546	288498
30	1512	360021	284970
31	1512	357343	302442
32	1512	360361	288834
33	1512	360136	285096
34	1512	361072	301266
35	1596	361348	294504
36	1512	360583	281652
37	1512	359761	277368
38	1680	360758	297234
39	1512	358191	287196
40	1512	359682	286734
Totals	61,152	14,424,265	11,947,530

From Bottom to Top	Section	Distance Between Perfs	Shots	Section	Distance Between Perfs	Shots	Section	Distance Between Perfs	Shots	Section	Distance Between Perfs	Shots	Section	Distance Between Perfs	Shots
	16,362	22	4	16,135	74	4	16,011	27	4	15,840	18	4	15,649	33	4
	16,340	22	4	16,121	14	4	15,989	22	4	15,814	27	4	15,638	22	4
	16,318	22	4	16,107	14	4	15,967	22	4	15,787	17	4	15,616	21	4
	16,296	22	4	16,093	14	4	15,945	22	4	15,770	25	4	15,595	22	4
	16,274	22	4	16,079	13	4	15,923		4	15,745	19	4	15,573	22	4
	16,252	22	4	16,066	14	4	15,902	23	4	15,726	24	4	15,551	22	4
	16,230	21	3	16,052	14	3	15,879	21	3	15,702	20	3	15,529	21	3
	16,209		3	16,038		3	15,858		3	15,682		3	15,508		3
	Plug to Plug	91	30	Plug to Plug	51	30	Plug to Plug	75	30	Plug to Plug	79	30	Plug to Plug	63	30
Frac Plug	16,387	Total Shots	Frac Plug	16,144	Total Shots	Frac Plug	16,020	Total Shots	Frac Plug	15,849	Total Shots	Frac Plug	15,658	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	
		15,479	29	4	15,309	22	4	15,127	29	4	14,946	35	4	14,783	28	4
		15,458	17	4	15,288	22	4	15,112	28	4	14,930	19	4	14,761	22	4
		15,441	24	4	15,266	22	4	15,084	20	4	14,911	18	4	14,739	22	4
		15,417	20	4	15,244	19	4	15,064	21	4	14,893	22	4	14,717	22	4
		15,397	22	4	15,225	25	4	15,043	19	4	14,871	18	4	14,695	21	4
		15,375	22	4	15,200	22	4	15,024	24	4	14,853	21	4	14,674	22	4
		15,353	22	3	15,178	22	3	15,000	19	3	14,832	21	3	14,652	22	3
		15,331		3	15,156		3	14,981		3	14,811		3	14,630		3
		Plug to Plug	71	30	Plug to Plug	74	30	Plug to Plug	78	30	Plug to Plug	62	30	Plug to Plug	75	30
	Frac Plug	15,488	Total Shots	Frac Plug	15,318	Total Shots	Frac Plug	15,142	Total Shots	Frac Plug	14,955	Total Shots	Frac Plug	14,792	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	Distance Between Perfs	Shots			
	14,607	23	4	14,427	27	4	14,256	23	4	14,081	26	4	13,906	22	4
	14,586	18	4	14,410	25	4	14,235	22	4	14,055	19	4	13,884	22	4
	14,568	26	4	14,385	18	4	14,213	22	4	14,036	23	4	13,862	22	4
	14,542	28	4	14,367	24	4	14,191	22	4	14,013	19	4	13,840	22	4
	14,514	16	4	14,343	20	4	14,169	20	4	13,994	23	4	13,818	22	4
	14,498	18	4	14,323	24	4	14,149	24	4	13,971	21	4	13,796	22	4
	14,480	26	3	14,299	20	3	14,125	18	3	13,950	22	3	13,774	21	3
	14,454		3	14,279		3	14,107		3	13,928		3	13,753		3
	Plug to Plug	74	30	Plug to Plug	75	30	Plug to Plug	74	30	Plug to Plug	77	30	Plug to Plug	75	30
Frac Plug	14,616	Total Shots	Frac Plug	14,442	Total Shots	Frac Plug	14,265	Total Shots	Frac Plug	14,090	Total Shots	Frac Plug	13,915	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	
		13,731	22	4	13,548	29	4	13,365	37	4	13,202	24	4	13,029	22	4
		13,709	22	4	13,533	17	4	13,349	13	4	13,182	21	4	13,007	22	4
		13,687	22	4	13,516	27	4	13,336	22	4	13,161	27	4	12,985	22	4
		13,665	22	4	13,489	25	0	13,314	22	4	13,134	17	4	12,963	22	4
		13,643	22	4	13,464	18	4	13,292	22	4	13,117	22	4	12,941	22	4
		13,621	20	4	13,446	22	4	13,270	22	4	13,095	22	4	12,919	22	4
		13,601	24	3	13,424	22	3	13,248	22	3	13,073	22	3	12,897	22	3
		13,577		3	13,402		3	13,226		3	13,051		3	12,875		3
		Plug to Plug	75	30	Plug to Plug	75	26	Plug to Plug	60	30	Plug to Plug	77	30	Plug to Plug	75	30
	Frac Plug	13,740	Total Shots	Frac Plug	13,564	Total Shots	Frac Plug	13,374	Total Shots	Frac Plug	13,211	Total Shots	Frac Plug	13,038	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
	12,856	19	4	12,671	29	4	12,495	30	4	12,327	20	4	12,152	22	4
	12,832	22	4	12,656	27	4	12,472	18	4	12,304	21	4	12,130	21	4
	12,810	22	4	12,629	17	4	12,454	23	4	12,283	22	4	12,109	23	4
	12,788	21	4	12,612	25	4	12,431	16	4	12,261	21	4	12,086	19	4
	12,767	23	4	12,587	19	4	12,415	26	4	12,240	22	4	12,067	25	4
	12,744	19	4	12,568	23	4	12,389	18	4	12,218	22	4	12,042	26	4
	12,725	25	3	12,545	20	3	12,371	24	3	12,196	22	3	12,016	18	3
	12,700		3	12,525		3	12,347		3	12,174		3	11,998		3
	Plug to Plug	77	30	Plug to Plug	74	30	Plug to Plug	73	30	Plug to Plug	77	30	Plug to Plug	77	30
Frac Plug	12,865	Total Shots	Frac Plug	12,686	Total Shots	Frac Plug	12,504	Total Shots	Frac Plug	12,338	Total Shots	Frac Plug	12,163	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	Distance Between Perfs	Shots			
	11,961	37	4	11,794	29	4	11,626	27	4	11,450	22	4	11,266	31	4
	11,950	18	4	11,779	22	4	11,600	18	4	11,428	20	4	11,243	13	4
	11,932	21	4	11,757	22	4	11,582	22	4	11,408	24	4	11,230	23	4
	11,911	23	4	11,735	22	4	11,560	22	4	11,384	22	4	11,207	20	4
	11,888	21	4	11,713	21	4	11,538	22	4	11,362	22	4	11,187	22	4
	11,867	22	4	11,692	23	4	11,516	22	4	11,340	21	4	11,165	22	4
	11,845	22	3	11,669	16	3	11,494	22	3	11,319	22	3	11,143	22	3
	11,823		3	11,653		3	11,472		3	11,297		3	11,121		3
	Plug to Plug	59	30	Plug to Plug	68	30	Plug to Plug	77	30	Plug to Plug	75	30	Plug to Plug	68	30
Frac Plug	11,970	Total Shots	Frac Plug	11,803	Total Shots	Frac Plug	11,637	Total Shots	Frac Plug	11,459	Total Shots	Frac Plug	11,275	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
	11,099	22	4	10,925	21	4	10,736	34	4	10,569	26	4	10,399	22	4
	11,077	22	4	10,902	26	4	10,727	22	4	10,552	23	4	10,376	22	4
	11,055	22	4	10,876	18	4	10,705	22	4	10,529	25	4	10,354	22	4
	11,033	21	4	10,858	24	4	10,683	22	4	10,504	19	4	10,332	22	4
	11,012	22	4	10,834	20	4	10,661	22	4	10,485	22	4	10,310	22	4
	10,990	22	4	10,814	22	4	10,639	22	4	10,463	22	4	10,288	18	4
	10,968	22	3	10,792	22	3	10,617	22	3	10,441	21	3	10,270	26	3
	10,946		3	10,770		3	10,595		3	10,420		3	10,244		3
	Plug to Plug	75	30	Plug to Plug	76	30	Plug to Plug	62	30	Plug to Plug	74	30	Plug to Plug	75	30
	Frac Plug	11,108	Total Shots	Frac Plug	10,934	Total Shots	Frac Plug	10,745	Total Shots	Frac Plug	10,578	Total Shots	Frac Plug	10,407	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
	10,219	25	4	10,015	54	4	9,867	33	4	9,696	29	4	9,520	22	4
	10,200	25	4	9,997	13	4	9,856	29	4	9,674	22	4	9,499	22	4
	10,175	19	4	9,984	22	4	9,827	20	4	9,652	22	4	9,477	22	4
	10,156	22	4	9,962	17	4	9,807	23	4	9,630	22	4	9,455	16	4
	10,134	21	4	9,945	17	4	9,784	22	4	9,608	22	4	9,439	28	4
	10,113	22	4	9,928	18	4	9,762	22	4	9,586	22	4	9,411	22	4
	10,091	22	3	9,910	10	3	9,740	15	3	9,564	22	3	9,389	22	3
	10,069		3	9,900		3	9,725		3	9,542		3	9,367		3
	Plug to Plug	77	30	Plug to Plug	66	30	Plug to Plug	69	30	Plug to Plug	77	30	Plug to Plug	74	30
	Frac Plug	10,233	Total Shots	Frac Plug	10,028	Total Shots	Frac Plug	9,876	Total Shots	Frac Plug	9,707	Total Shots	Frac Plug	9,529	Total Shots