

(entered data to be carried to each stage)

Date 9/29/2015
 Pressure test 9500
 Well Name/number Gunner 8 Fed Com #6H
 Casing 1 size 5 1/2 Casing 2 size
 Capacity-bbls/lin. ft. 0.02325 Capacity-bbls/lin. ft.
 Top of Casing 0 Top of Casing
 TD of casing 19,593 TD of casing
 TVD 9810

Fluid Database

1	Treated Water
2	7.5 % Acid
3	Slickwater
4	Water Frac G -R(11)
5	Water Frac G -R(13)
6	
7	
8	

Proppant Database

1	100 Mesh	1	FR-66
2	40/70 White	2	Losurf-360
3		3	Clay Web
4		4	BE-9
5		5	HPH Breaker
6		6	Scaletrol
7		7	Optiflo H TE
8		8	Parasorb
		9	Scalesorb 7
		10	Optikleen-WF

Chemical Database

	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
From Bottom to Top	19,543	50	14	19,384	59	14	19,242	50	14	19,086	55	14	18,940	51	14
	19,493	50	12	19,342	50	12	19,191	50	12	19,041	50	12	18,890	50	12
	19,443		10	19,292		10	19,141		10	18,991		10	18,840		10
	Perforated feet	100	36	Perforated feet	92	36	Perforated feet	101	36	Perforated feet	95	36	Perforated feet	100	36
	Frac Plug	19,568	Total Shots	Frac Plug	19,403	Total Shots	Frac Plug	19,276	Total Shots	Frac Plug	19,116	Total Shots	Frac Plug	18,969	Total Shots

	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
From Bottom to Top	18,791	49	14	18,639	50	14	18,488	51	14	18,338	50	14	18,187	50	14
	18,738	49	12	18,589	50	12	18,441	53	12	18,288	51	12	18,139	53	12
	18,689		10	18,539		10	18,388		10	18,237		10	18,086		10
	Perforated feet	102	36	Perforated feet	100	36	Perforated feet	104	36	Perforated feet	101	36	Perforated feet	103	36
	Frac Plug	18,515	Total Shots	Frac Plug	18,664	Total Shots	Frac Plug	18,512	Total Shots	Frac Plug	18,363	Total Shots	Frac Plug	18,212	Total Shots

	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
From Bottom to Top	18,036	50	14	17,886	50	14	17,735	46	14	17,584	51	14	17,433	52	14
	17,986	50	12	17,836	55	12	17,685	50	12	17,534	49	12	17,384	51	12
	17,936		10	17,781		10	17,635		10	17,485		10	17,333		10
	Perforated feet	100	36	Perforated feet	105	36	Perforated feet	96	36	Perforated feet	100	36	Perforated feet	103	36
	Frac Plug	18,062	Total Shots	Frac Plug	17,906	Total Shots	Frac Plug	17,760	Total Shots	Frac Plug	17,602	Total Shots	Frac Plug	17,459	Total Shots

	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
From Bottom to Top	17,283	50	14	17,129	54	14	16,982	50	14	16,835	46	14	16,681	50	14
	17,233	50	12	17,082	50	12	16,932	51	12	16,781	50	12	16,630	50	12
	17,183		10	17,032		10	16,881		10	16,731		10	16,580		10
	Perforated feet	100	36	Perforated feet	104	36	Perforated feet	101	36	Perforated feet	96	36	Perforated feet	100	36
	Frac Plug	17,298	Total Shots	Frac Plug	17,158	Total Shots	Frac Plug	17,013	Total Shots	Frac Plug	16,856	Total Shots	Frac Plug	16,708	Total Shots

	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
From Bottom to Top	16,530	50	14	16,379	50	14	16,229	50	14	16,078	46	14	15,927	51	14
	16,481	52	12	16,329	50	12	16,178	54	12	16,028	50	12	15,874	47	12
	16,429		10	16,279		10	16,124		10	15,978		10	15,827		10
	Perforated feet	102	36	Perforated feet	100	36	Perforated feet	104	36	Perforated feet	96	36	Perforated feet	98	36
	Frac Plug	16,554	Total Shots	Frac Plug	16,404	Total Shots	Frac Plug	16,252	Total Shots	Frac Plug	16,101	Total Shots	Frac Plug	15,944	Total Shots

	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
From Bottom to Top	15,777	50	14	15,626	49	14	15,476	50	14	15,325	50	14	15,169	55	14
	15,726	51	12	15,576	50	12	15,423	48	12	15,274	50	12	15,124	50	12
	15,675		10	15,526		10	15,375		10	15,224		10	15,074		10
	Perforated feet	101	36	Perforated feet	99	36	Perforated feet	98	36	Perforated feet	100	36	Perforated feet	105	36
	Frac Plug	15,806	Total Shots	Frac Plug	15,651	Total Shots	Frac Plug	15,500	Total Shots	Frac Plug	15,355	Total Shots	Frac Plug	15,199	Total Shots

	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
From Bottom to Top	15,023	51	14	14,873	50	14	14,719	55	14	14,571	51	14	14,421	50	14
	14,969	46	12	14,823	49	12	14,672	50	12	14,521	50	12	14,373	54	12
	14,923		10	14,774		10	14,622		10	14,471		10	14,319		10
	Perforated feet	97	36	Perforated feet	99	36	Perforated feet	105	36	Perforated feet	101	36	Perforated feet	104	36
	Frac Plug	15,048	Total Shots	Frac Plug	14,902	Total Shots	Frac Plug	14,747	Total Shots	Frac Plug	14,602	Total Shots	Frac Plug	14,446	Total Shots

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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
	14,270	49	14	14,119	51	14	13,965	54	14	13,818	50	14	13,668	50	14
	14,220	50	12	14,069	50	12	13,919	51	12	13,768	50	12	13,614	47	12
	14,170		10	14,019		10	13,868		10	13,718		10	13,567		10
	Perforated feet	99	36	Perforated feet	101	36	Perforated feet	105	36	Perforated feet	100	36	Perforated feet	97	36
	Frac Plug	14,295	Total Shots	Frac Plug	14,137	Total Shots	Frac Plug	13,994	Total Shots	Frac Plug	13,847	Total Shots	Frac Plug	13,693	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
	13,517	50	14	13,366	50	14	13,216	48	14	13,065	50	14	12,914	53	14
	13,467	51	12	13,318	54	12	13,165	50	12	13,015	48	12	12,864	50	12
	13,416		10	13,264		10	13,115		10	12,967		10	12,814		10
	Perforated feet	101	36	Perforated feet	104	36	Perforated feet	98	36	Perforated feet	98	36	Perforated feet	103	36
	Frac Plug	13,542	Total Shots	Frac Plug	13,389	Total Shots	Frac Plug	13,241	Total Shots	Frac Plug	13,084	Total Shots	Frac Plug	12,939	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
	12,764	50	14	12,594	79	14	12,462	50	14	12,312	50	14	12,161	50	14
	12,713	50	12	12,551	39	12	12,412	50	12	12,261	50	12	12,111	50	12
	12,663		10	12,512		10	12,362		10	12,211		10	12,061		10
	Perforated feet	100	36	Perforated feet	118	36	Perforated feet	100	36	Perforated feet	100	36	Perforated feet	100	36
	Frac Plug	12,798	Total Shots	Frac Plug	12,602	Total Shots	Frac Plug	12,492	Total Shots	Frac Plug	12,337	Total Shots	Frac Plug	12,192	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
	12,005	56	14	11,860	50	14	11,709	54	14	11,558	51	14	11,408	54	14
	11,960	50	12	11,809	46	12	11,659	50	12	11,508	46	12	11,357	50	12
	11,910		10	11,763		10	11,609		10	11,462		10	11,307		10
	Perforated feet	106	36	Perforated feet	96	36	Perforated feet	104	36	Perforated feet	97	36	Perforated feet	104	36
	Frac Plug	12,035	Total Shots	Frac Plug	11,876	Total Shots	Frac Plug	11,734	Total Shots	Frac Plug	11,575	Total Shots	Frac Plug	11,433	Total Shots

From Bottom to Top	Stage 56	Distance Between Perfs	Shots	Stage 57	Distance Between Perfs	Shots	Stage 58	Distance Between Perfs	Shots	Stage 59	Distance Between Perfs	Shots	Stage 60	Distance Between Perfs	Shots
	11,257	50	14	11,106	51	14	10,956	53	14	10,805	50	14	10,654	51	14
	11,207	50	12	11,056	47	12	10,906	51	12	10,760	55	12	10,604	50	12
	11,157		10	11,009		10	10,855		10	10,705		10	10,554		10
	Perforated feet	100	36	Perforated feet	98	36	Perforated feet	104	36	Perforated feet	105	36	Perforated feet	101	36
	Frac Plug	11,282	Total Shots	Frac Plug	11,136	Total Shots	Frac Plug	10,981	Total Shots	Frac Plug	10,830	Total Shots	Frac Plug	10,680	Total Shots

From Bottom to Top	Stage 61	Distance Between Perfs	Shots	Stage 62	Distance Between Perfs	Shots	Stage 63	Distance Between Perfs	Shots	Stage 64	Distance Between Perfs	Shots	Stage 65	Distance Between Perfs	Shots
	10,504	50	14	10,353	49	14	10,202	51	14	10,102				0	
	10,456	54	12	10,303	50	12	10,155	53	12						
	10,402		10	10,253		10	10,102		10						
	Perforated feet	104	36	Perforated feet	99	36	Perforated feet	104	36	Perforated feet	10102	0	Perforated feet	0	0
	Frac Plug	10,528	Total Shots	Frac Plug	10,378	Total Shots	Frac Plug	10,226	Total Shots	Frac Plug		Total Shots	Frac Plug		Total Shots