

Blue Jay Federal #1H

30-025-42338

Sec 18-T20S-R35E

<u>Perfs</u>	<u>7 1/2% Acid (Gal)</u>	<u>Sand (#)</u>	<u>Fluid (Gal)</u>
1	5532	236118	399996
2	3108	236966	342132
3	3012	242302	345648
4	3000	237068	343452
5	3000	234088	340680
6	3000	239673	346056
7	3000	235082	341562
8	3000	235026	340428
9	3012	235265	342120
10	3024	236075	343182
11	3024	235210	339990
12	2928	235094	340902
13	3024	235379	339990
14	3012	236196	337458
15	3108	235017	332640
16	3024	235563	336294
17	3024	216706	337512
18	3012	234320	337878
19	3054	235776	337248
20	3024	235341	336084
21	3024	235213	360990
22	3012	234006	333552
23	3024	235507	335160
24	3066	235287	333018
25	3012	234805	336534
26	3012	235154	333468
27	3024	235115	333270
28	3012	234452	333342
29	3012	234255	335568
30	3012	232915	331074
31	3012	234108	322758
32	2982	237869	289884
33	3024	230767	290514
34	3024	234303	286818
35	3066	238147	289800
Totals	108,240	8,224,168	11,707,002

Date: 5/6/2015
 Pressure test: 9500
 Well: Blue Jay Federal #1H
 Casing 1 size: 5 1/2
 Capacity-bbls/ft: 0.22325
 Top of casing: 0
 TD of casing: 15,946
 TVD: 11396
 AFE: 3261
 Casing 2 size: 5 1/2
 Capacity-bbls/ft: 0.22325
 Top of casing: 0
 TD of casing: 15,946

Shallowest Plug 11,695

Fluid Database

1	7.5 % Acid
2	Treated Water
3	FR Water
4	
5	
6	
7	
8	
9	
10	
11	
12	

Proppant Database

1	100 Mesh
2	40/70 White
3	
4	
5	
6	
7	
8	

Chemical Database

1	FDP-S1226-15
2	Scalecheck
3	CLA-WEB II
4	OCA 23003
5	Scaletrol
6	Opkleen WF
7	Parasorb
8	Chlorine Dioxide
9	
10	

	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	15,754	14	14	15,676	50	14	15,555	42	14	15,432	40	14	15,311	40	14
	15,740	20	12	15,638	41	12	15,513	41	12	15,391	40	12	15,270	40	12
	15,720		10	15,597		10	15,472		10	15,351		10	15,230		10
	Plug to Plug	78	38	Plug to Plug	121	38	Plug to Plug	121	38	Plug to Plug	127	38	Plug to Plug	109	38
	Frac Plug	15,779	Total Shots	Frac Plug	15,804	Total Shots	Frac Plug	15,873	Total Shots	Frac Plug	15,482	Total Shots	Frac Plug	15,328	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	15,189	41	14	15,068	41	14	14,945	42	14	14,828	33	14	14,705	40	14
	15,149	40	12	15,028	41	12	14,903	42	12	14,786	41	12	14,665	41	12
	15,109		10	14,987		10	14,861		10	14,745		10	14,624		10
	Plug to Plug	128	38	Plug to Plug	121	38	Plug to Plug	121	38	Plug to Plug	121	38	Plug to Plug	121	38
	Frac Plug	15,216	Total Shots	Frac Plug	15,068	Total Shots	Frac Plug	14,987	Total Shots	Frac Plug	14,846	Total Shots	Frac Plug	14,725	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	14,584	40	14	14,463	40	14	14,342	40	14	14,220	41	14	14,092	48	14
	14,543	40	12	14,422	40	12	14,301	40	12	14,180	40	12	14,059	40	12
	14,503		10	14,382		10	14,261		10	14,140		10	14,019		10
	Plug to Plug	125	36	Plug to Plug	122	36	Plug to Plug	123	36	Plug to Plug	126	36	Plug to Plug	108	36
	Frac Plug	14,604	Total Shots	Frac Plug	14,478	Total Shots	Frac Plug	14,357	Total Shots	Frac Plug	14,234	Total Shots	Frac Plug	14,108	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	13,978	41	14	13,857	40	14	13,736	40	14	13,615	38	14	13,494	40	14
	13,938	41	12	13,817	41	12	13,696	43	12	13,574	40	12	13,453	40	12
	13,897		10	13,776		10	13,653		10	13,534		10	13,413		10
	Plug to Plug	123	36	Plug to Plug	121	38	Plug to Plug	121	38	Plug to Plug	121	36	Plug to Plug	121	38
	Frac Plug	14,000	Total Shots	Frac Plug	13,877	Total Shots	Frac Plug	13,756	Total Shots	Frac Plug	13,635	Total Shots	Frac Plug	13,514	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	13,372	40	14	13,247	43	14	13,130	40	14	13,012	43	14	12,894	40	14
	13,332	42	12	13,205	35	12	13,087	32	12	12,965	41	12	12,845	38	12
	13,290		10	13,170		10	13,055		10	12,924		10	12,807		10
	Plug to Plug	121	36	Plug to Plug	122	36	Plug to Plug	121	38	Plug to Plug	121	38	Plug to Plug	121	38
	Frac Plug	13,383	Total Shots	Frac Plug	13,272	Total Shots	Frac Plug	13,199	Total Shots	Frac Plug	13,029	Total Shots	Frac Plug	12,906	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	12,787	40	14	12,648	43	14	12,525	40	14	12,404	40	14	12,277	46	14
	12,724	33	12	12,605	40	12	12,484	40	12	12,363	40	12	12,242	40	12
	12,691		10	12,565		10	12,444		10	12,323		10	12,202		10
	Plug to Plug	122	36	Plug to Plug	128	38	Plug to Plug	125	38	Plug to Plug	128	38	Plug to Plug	109	38
	Frac Plug	12,787	Total Shots	Frac Plug	12,648	Total Shots	Frac Plug	12,525	Total Shots	Frac Plug	12,429	Total Shots	Frac Plug	12,292	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	12,161	41	14	12,039	42	14	11,914	51	14	11,790	42	14	11,677	40	14
	12,121	40	12	11,998	31	12	11,880	40	12	11,758	41	12	11,636	40	12
	12,081		10	11,958		10	11,840		10	11,717		10	11,596		10
	Plug to Plug	123	38	Plug to Plug	121	38	Plug to Plug	121	38	Plug to Plug	123	38	Plug to Plug	99	38
	Frac Plug	12,183	Total Shots	Frac Plug	12,060	Total Shots	Frac Plug	11,939	Total Shots	Frac Plug	11,818	Total Shots	Frac Plug	11,695	Total Shots