

Bill Barrett Corp. : 25 Stage Frac Job with 25 XLC Ball Drop Sleeves

Company Bill Barrett Corp.			Other Relative Frac String Information		
Location HELTON 5-63-27-4956 CDH			Top of PBR	6,183	MD (ft)
Prepared For GLEN RANDEL		Phone	Hanger Setting Depth	6,202	MD (ft)
Service Rep MITCHEL HALL		Sales Rep ANDY LONG	Open Hole Size	6 1/8	(in)
Service Center LONGMONT		Date 16-Jan-14	Total Measured Depth	11,265	MD (ft)



Intermediate Casing		
Size	7	in
Weight	26.00	lbs/ft
Grade	P-110	
Burst	9,960	psi
Shoe	7,163	MD (ft)
Capacity	0.03826	bbls/ft

Liner		
Size	4 1/2	in
Weight	11.60	lbs/ft
Grade	P-110	
Burst	10,690	psi
Collapse	7,560	psi
Capacity	0.01554	bbls/ft

Tie Back String		
Size	NA	in
Weight	NA	lbs/ft
Grade	NA	
Burst	NA	psi
Collapse	NA	psi
Capacity	NA	bbls/ft

Frac Sleeve Information		
Zone	Ball Seat ID (in)	Ball Size (in)
1	Toe Sleeve.	HYD.
1	1.406	1.453 #14
2	1.463	1.510 #15
3	1.520	1.570 #16
4	1.580	1.632 #17
5	1.642	1.696 #18
6	1.706	1.762#19
7	1.772	1.830 #20
8	1.840	1.900 #21
9	1.910	1.973 #22
10	1.983	2.048 #23
11	2.058	2.126 #24
12	2.136	2.206 #25
13	2.216	2.288 #26
14	2.298	2.374 #27
15	2.384	2.462 #28
16	2.472	2.553 #29
17	2.563	2.647 #30
18	2.657	2.744 #31
19	2.754	2.845 #32
20	2.855	2.948#33
21	2.958	3.055 #34

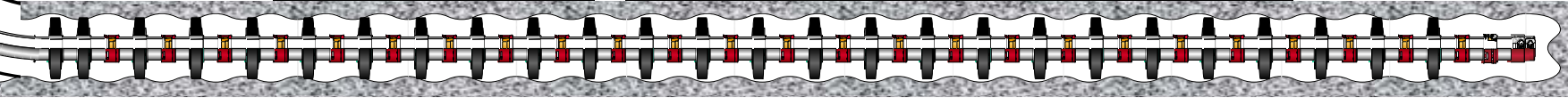
Depth and Displacement Information				
Zone	Packer Depth (ft)	Sleeve Depth (ft)	Sleeve Disp. (bbls)	Length of Zone (ft)
1		11,240	315.1	
1	11,096	11,150	313.7	169
2	10,910	11,005	311.5	186
3	10,772	10,823	308.7	138
4	10,610	10,689	306.6	162
5	10,436	10,527	304.1	174
6	10,263	10,354	301.4	174
7	10,123	10,174	298.6	139
8	9,947	10,036	296.4	176
9	9,776	9,863	293.7	171
10	9,637	9,688	291.0	139
11	9,462	9,551	288.9	175
12	9,289	9,379	286.2	173
13	9,157	9,205	283.5	132
14	8,980	9,072	281.4	178
15	8,808	8,897	278.7	172
16	8,637	8,721	276.0	171
17	8,498	8,552	273.4	139
18	8,321	8,411	271.2	177
19	8,152	8,236	268.5	169
20	8,017	8,065	265.8	135
21	7,854	7,933	263.8	163

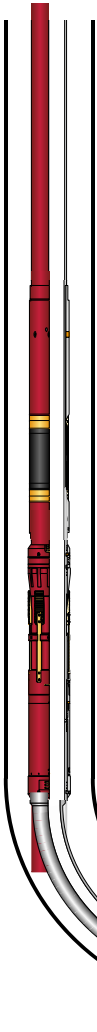
Notes:

1	XLC Frac Sleeves Pinned to 2000 psi
2	Toe Sleeve Pinned to 3400 psi
3	Swell Packer Type: Oil
4	Tested Liner Top Packer to 2175psi for 15 minutes
5	7in. Shoe @ 7163' MD (ft)
6	TVD @ 6515'
7	KOP @ 6290
8	NO TIE BACK RAN AT THIS TIME



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Tie Back String		
Size	NA	in
Weight	NA	lbs/ft
Grade	NA	
Burst	NA	psi
Collapse	NA	psi
Capacity	NA	bbbls/ft

Frac Sleeve Information		
Zone	Ball Seat ID (in)	Ball Size (in)
22	3.065	3.166 #35
23	3.176	3.280 #36
24	3.290	3.398 #37
25	3.408	3.520 #38
26		
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Depth and Displacement Information				
Zone	Packer Depth (ft)	Sleeve Depth (ft)	Sleeve Disp. (bbbls)	Length of Zone (ft)
22	7,665	7,750	260.9	189
23	7,529	7,583	258.3	136
24	7,369	7,449	256.2	160
25	7,183	7,291	253.8	186
26	7,163	7" SHOE		20
27	7,099	LAST PACKER SET INSIDE 7"		64
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