

SMITH

A Schlumberger Company

WELL INFORMATION				ADDITIONAL NOTES			
Company:	Bill Barrett Corp.						
Well Name:	Pappenheim 06-62-23-0659BH						
State:	CO	Date:	6/8/2013				
KOP (ft):	6,070	TMD (ft):	11,006				
TOL (ft):	6,015	BOL (ft):	11,004				

HYDRAULIC VALVE		SWELLING OH PACKER	
Maximum OD	5.625 in	Maximum OD	5.625
Minimum ID	3.75 in	Minimum ID	Base Pipe

CIRCULATING VALVE		BALL DROP FRAC VALVE	
Maximum OD	5.625 in	Maximum OD	5.625 in
Post Drill ID	3.75 in	Post Drill ID	3.75 in

FRAC VALVE SPECIFICATIONS									
Description	OD	ID	Length	Depth (T)	Description	OD	ID	Length	Depth (T)
Frac Sleeve # 1	5.625	3.750	2.06	10908	Packer # 1	5.625	4.000	17.53	10808
Frac Sleeve # 2	5.750	1.538	1.99	10713	Packer # 2	5.625	4.000	17.48	10611
Frac Sleeve # 3	5.750	1.625	1.99	10517	Packer # 3	5.625	4.000	17.52	10414
Frac Sleeve # 4	5.750	1.715	1.99	10322	Packer # 4	5.625	4.000	17.51	10183
Frac Sleeve # 5	5.750	1.808	1.99	10094	Packer # 5	5.625	4.000	17.51	9957
Frac Sleeve # 6	5.750	1.905	1.99	9870	Packer # 6	5.625	4.000	17.51	9728
Frac Sleeve # 7	5.750	2.004	1.99	9638	Packer # 7	5.625	4.000	17.53	9497
Frac Sleeve # 8	5.750	2.108	1.99	9407	Packer # 8	5.625	4.000	17.52	9265
Frac Sleeve # 9	5.750	2.215	1.99	9176	Packer # 9	5.625	4.000	17.53	9036
Frac Sleeve # 10	5.750	2.326	1.99	8946	Packer # 10	5.625	4.000	17.51	8805
Frac Sleeve # 11	5.750	2.441	1.99	8713	Packer # 11	5.625	4.000	17.52	8572
Frac Sleeve # 12	5.750	2.560	1.99	8481	Packer # 12	5.625	4.000	17.53	8343
Frac Sleeve # 13	5.750	2.683	1.99	8252	Packer # 13	5.625	4.000	17.52	8112
Frac Sleeve # 14	5.750	2.811	1.99	8021	Packer # 14	5.625	4.000	17.52	7880
Frac Sleeve # 15	5.750	2.943	1.99	7790	Packer # 15	5.625	4.000	17.57	7651
Frac Sleeve # 16	5.750	3.080	1.99	7562	Packer # 16	5.625	4.000	17.57	7420
Frac Sleeve # 17	5.750	3.221	1.99	7329	Packer # 17	5.625	4.000	17.5	7191
Frac Sleeve # 18	5.750	3.368	1.99	7101	Packer # 18	5.625	4.000	17.5	6960
					Packer # 19	5.625	4.000	17.52	6437

PV-3 LINER TOP PACKER



HYDRAULIC HANGER

