


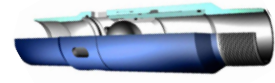


WELL INFORMATION				ADDITIONAL NOTES	
Company:	Bill Barrett Corp.				
Well Name:	Pappenheim 6-62-27-0108H				
State:	CO	Date:	5/27/13		
KOP (ft):	5,970	TMD (ft):	10,920		
TOL (ft):	5,894	BOL (ft):	10,900		

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	5.75 in	
Post Drill ID	3.75 in		Post Drill ID	3.75 in	

OPEN HOLE TOOLS									
Description	OD	ID	Length	Depth (T)	Description	OD	ID	Length	Depth (T)
Frac Sleeve # 1	5.750	3.750	2.06	10,808.61	Packer # 1	5.625	4.00	17.48	10,669.72
Frac Sleeve # 2	5.750	1.538	1.99	10,578.93	Packer # 2	5.625	4.00	17.50	10,438.52
Frac Sleeve # 3	5.750	1.625	1.99	10,348.13	Packer # 3	5.625	4.00	17.55	10,210.82
Frac Sleeve # 4	5.750	1.715	1.99	10,120.13	Packer # 4	5.625	4.00	17.23	9,980.14
Frac Sleeve # 5	5.750	1.808	1.99	9,891.15	Packer # 5	5.625	4.00	17.56	9,750.84
Frac Sleeve # 6	5.750	1.905	1.99	9,658.31	Packer # 6	5.625	4.00	17.55	9,511.68
Frac Sleeve # 7	5.750	2.004	1.99	9,417.19	Packer # 7	5.625	4.00	17.54	9,270.53
Frac Sleeve # 8	5.750	2.108	1.99	9,176.05	Packer # 8	5.625	4.00	17.55	9,029.24
Frac Sleeve # 9	5.750	2.215	1.99	8,934.67	Packer # 9	5.625	4.00	17.52	8,787.72
Frac Sleeve # 10	5.750	2.326	1.99	8,693.27	Packer # 10	5.625	4.00	17.49	8,546.65
Frac Sleeve # 11	5.750	2.441	1.99	8,452.17	Packer # 11	5.625	4.00	17.71	8,305.22
Frac Sleeve # 12	5.750	2.56	1.99	8,210.76	Packer # 12	5.625	4.00	17.52	8,064.03
Frac Sleeve # 13	5.750	2.683	1.99	7,969.59	Packer # 13	5.625	4.00	17.46	7,822.89
Frac Sleeve # 14	5.750	2.811	1.99	7,728.42	Packer # 14	5.625	4.00	17.54	7,581.74
Frac Sleeve # 15	5.750	2.943	1.99	7,487.23	Packer # 15	5.625	4.00	17.52	7,340.58
Frac Sleeve # 16	5.750	3.08	1.99	7,246.06	Packer # 16	5.625	4.00	17.51	7,143.68
Frac Sleeve # 17	5.750	3.221	1.99	7,049.21	Packer # 17	5.625	4.00	17.52	6,946.85
Frac Sleeve # 18	5.750	3.368	1.99	6,852.37	Packer # 18	5.625	4.00	17.54	6,749.92
					Packer # 19	5.625	4.00	17.51	6,643.71

## PV-3 LINER TOP PACKER



## HYDRAULIC HANGER

