



Bill Barrett Corporation

Well Name and Number:

Specialty 31D-28-692

Patterson 301
Garfield County, Colorado

Directional Services Provided By:

Sharewell Energy Services, LP





July 8, 2010

Troy Schindler
Drilling Manager

Bill Barrett Corporation
1099 18th Street
Suite 2300
Denver, CO 80202

Well Reference: **Specialty 31D-28-692**
Garfield County, Colorado

Dear Troy,

Enclosed you will find our End of Well Report for the above referenced well.

If you have any questions or comments, please do not hesitate to contact me at anytime.

Thank you very much for your confidence and this opportunity to serve **Bill Barrett Corporation**.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Williams".

Stephen Williams



swilliams@sharewell.com



Bill Barrett Corp.

Garfield County, Colorado

Specialty 4 Pad

Specialty 31D-28-692

Wellbore #1

Survey: Surveys

Standard Survey Report

06 July, 2010

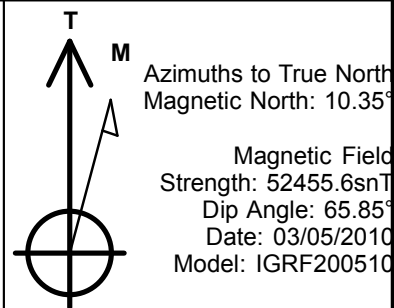
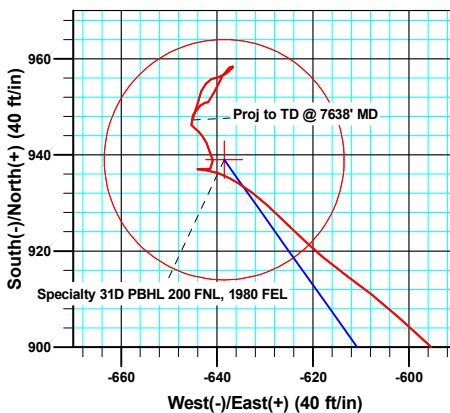
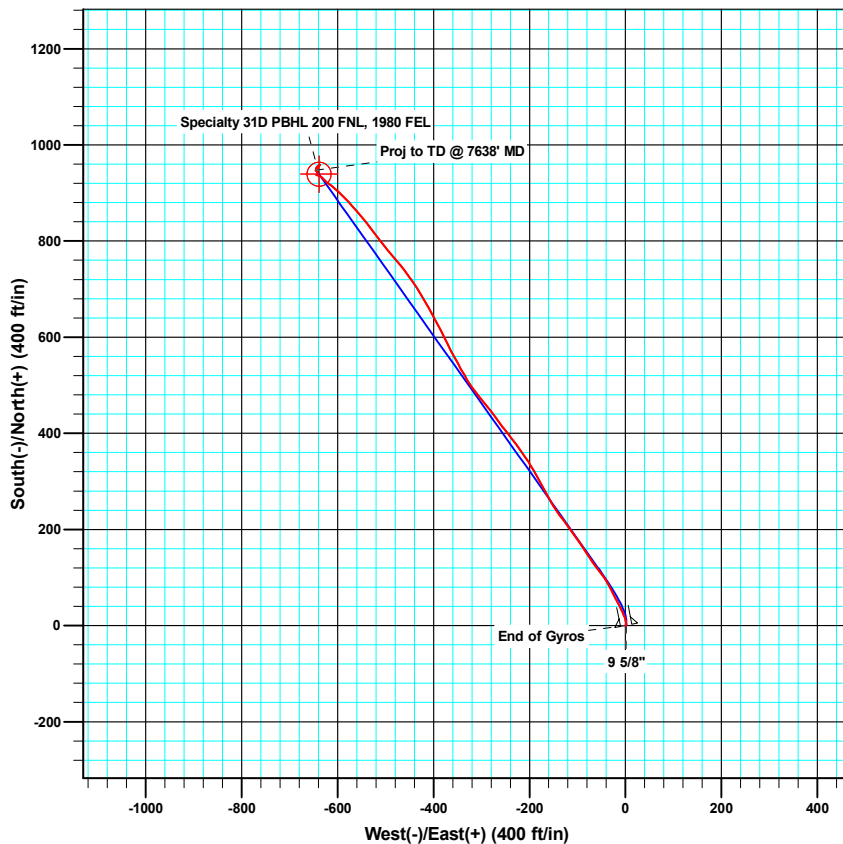
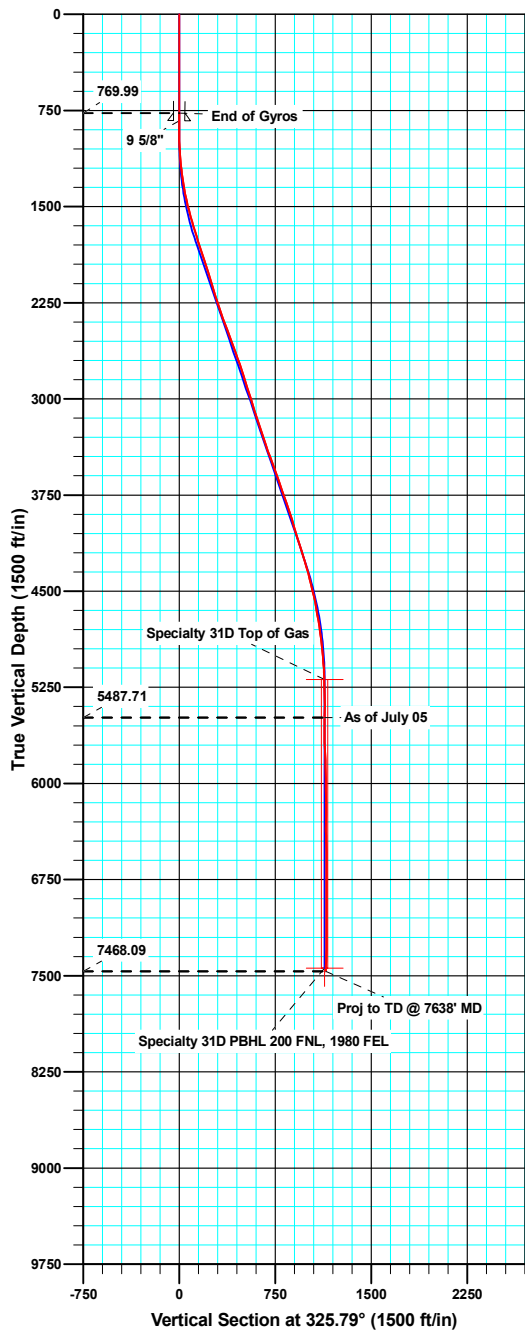




WELL DETAILS: Specialty 31D-28-692

Ground Level: 5775.00

North American Datum 1983		US State Plane 1983		Colorado Central Zone	
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	1615043.05	2388582.13	39.502050	-107.667000



ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
5487.71	5657.00	1.40	88.10	937.08	-643.49	1136.74	1149.41	As of July 05
7468.09	7638.00	2.50	198.00	947.30	-645.12	1146.10	1194.86	Proj to TD @ 7638' MD

Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well Specialty 31D-28-692
Project:	Garfield County, Colorado	TVD Reference:	KB @ 5797.00ft
Site:	Specialty 4 Pad	MD Reference:	KB @ 5797.00ft
Well:	Specialty 31D-28-692	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Compass VM

Project	Garfield County, Colorado		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Central Zone		

Site		Specialty 4 Pad			
Site Position:		Northing:	1,615,043.39 usft	Latitude:	39.502050
From:	Lat/Long	Easting:	2,388,568.03 usft	Longitude:	-107.667050
Position Uncertainty:	0.00 ft	Slot Radius:	0.00 ft	Grid Convergence:	-1.37 °

Well		Specialty 31D-28-692				
Well Position	+N/-S	0.00 ft	Northing:	1,615,043.04 usft	Latitude:	39.502050
	+E/-W	0.00 ft	Easting:	2,388,582.13 usft	Longitude:	-107.667000
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,775.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	03/05/10	10.35	65.85	52,456

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	325.79	

Survey Program	Date	07/06/10			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
50.00	770.00	Gyro Surveys (Wellbore #1)	MWD	MWD - Standard	
896.00	7,638.00	Surveys (Wellbore #1)	MWD	MWD - Standard	

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
770.00	0.05	169.37	769.99	0.22	1.70	-0.77	0.00	0.00	0.00	
830.00	0.03	169.37	829.99	0.18	1.71	-0.81	0.04	-0.04	0.00	
9 5/8"										
896.00	0.00	356.00	895.99	0.17	1.71	-0.82	0.04	-0.04	0.00	
989.00	2.50	357.60	988.96	2.19	1.63	0.90	2.69	2.69	0.00	
1,084.00	3.90	355.20	1,083.81	7.48	1.27	5.48	1.48	1.47	-2.53	
1,179.00	6.20	339.20	1,178.44	15.50	-0.82	13.28	2.82	2.42	-16.84	
1,276.00	8.30	336.70	1,274.66	26.83	-5.45	25.25	2.19	2.16	-2.58	
1,371.00	9.90	331.70	1,368.46	40.32	-12.04	40.11	1.88	1.68	-5.26	
1,466.00	12.80	332.70	1,461.59	56.86	-20.74	58.68	3.06	3.05	1.05	

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Well:	Specialty 31D-28-692	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Compass VM

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,562.00	15.70	333.70	1,554.63	77.96	-31.37	82.11	3.03	3.02	1.04
1,657.00	17.00	324.10	1,645.80	100.74	-45.21	108.73	3.15	1.37	-10.11
1,753.00	16.80	323.00	1,737.66	123.19	-61.79	136.62	0.39	-0.21	-1.15
1,848.00	18.60	326.60	1,828.16	146.80	-78.40	165.48	2.22	1.89	3.79
1,943.00	18.30	326.10	1,918.28	171.83	-95.06	195.54	0.36	-0.32	-0.53
2,038.00	17.70	324.10	2,008.63	195.91	-111.84	224.89	0.91	-0.63	-2.11
2,133.00	17.10	322.20	2,099.28	218.64	-128.87	253.27	0.87	-0.63	-2.00
2,229.00	17.10	326.00	2,191.04	241.50	-145.42	281.47	1.16	0.00	3.96
2,324.00	18.60	332.10	2,281.47	266.47	-160.32	310.50	2.52	1.58	6.42
2,419.00	19.70	330.40	2,371.22	293.78	-175.32	341.52	1.30	1.16	-1.79
2,514.00	20.00	331.20	2,460.57	321.94	-191.05	373.65	0.43	0.32	0.84
2,610.00	20.60	324.80	2,550.62	350.13	-208.70	406.89	2.39	0.63	-6.67
2,705.00	20.00	323.70	2,639.72	376.88	-227.95	439.83	0.75	-0.63	-1.16
2,800.00	18.80	321.20	2,729.32	401.91	-247.16	471.33	1.54	-1.26	-2.63
2,896.00	18.00	324.60	2,820.42	426.05	-265.45	501.58	1.39	-0.83	3.54
2,991.00	17.80	321.00	2,910.82	449.30	-283.09	530.73	1.18	-0.21	-3.79
3,086.00	17.90	321.20	3,001.25	471.97	-301.37	559.75	0.12	0.11	0.21
3,182.00	17.80	323.70	3,092.63	495.29	-319.31	589.12	0.80	-0.10	2.60
3,277.00	18.70	331.30	3,182.86	520.35	-335.22	618.79	2.68	0.95	8.00
3,372.00	17.80	329.50	3,273.08	546.22	-349.90	648.44	1.12	-0.95	-1.89
3,467.00	18.80	333.00	3,363.28	572.38	-364.22	678.12	1.56	1.05	3.68
3,562.00	20.50	334.70	3,452.75	601.06	-378.28	709.74	1.89	1.79	1.79
3,658.00	19.80	331.20	3,542.87	630.50	-393.30	742.54	1.45	-0.73	-3.65
3,753.00	19.80	331.00	3,632.26	658.68	-408.85	774.58	0.07	0.00	-0.21
3,848.00	19.70	329.20	3,721.67	686.50	-424.85	806.59	0.65	-0.11	-1.89
3,943.00	18.90	325.60	3,811.33	712.95	-441.74	837.96	1.51	-0.84	-3.79
4,038.00	17.80	322.80	3,901.50	737.22	-459.22	867.85	1.48	-1.16	-2.95
4,134.00	16.50	318.90	3,993.24	759.18	-477.05	896.04	1.81	-1.35	-4.06
4,229.00	17.10	320.00	4,084.18	780.04	-494.90	923.33	0.71	0.63	1.16
4,324.00	17.50	322.80	4,174.88	802.12	-512.51	951.49	0.97	0.42	2.95
4,420.00	17.00	323.30	4,266.57	824.87	-529.62	979.92	0.54	-0.52	0.52
4,515.00	15.70	320.60	4,357.72	845.94	-546.08	1,006.60	1.58	-1.37	-2.84
4,610.00	14.00	318.60	4,449.55	864.49	-561.84	1,030.80	1.87	-1.79	-2.11
4,705.00	12.50	317.20	4,542.02	880.66	-576.43	1,052.37	1.61	-1.58	-1.47
4,800.00	10.90	314.90	4,635.04	894.54	-589.78	1,071.36	1.75	-1.68	-2.42
4,896.00	9.40	311.50	4,729.54	906.14	-602.08	1,087.87	1.68	-1.56	-3.54
4,991.00	7.80	305.60	4,823.47	915.04	-613.13	1,101.44	1.92	-1.68	-6.21
5,086.00	6.40	315.20	4,917.74	922.55	-622.10	1,112.70	1.93	-1.47	10.11
5,181.00	5.60	311.50	5,012.22	929.38	-629.31	1,122.39	0.93	-0.84	-3.89
5,276.00	3.90	301.10	5,106.89	934.12	-635.55	1,129.82	2.00	-1.79	-10.95
5,371.00	1.90	285.50	5,201.77	936.21	-639.83	1,133.96	2.24	-2.11	-16.42
5,466.00	1.30	279.40	5,296.73	936.80	-642.41	1,135.90	0.66	-0.63	-6.42
5,562.00	0.70	273.10	5,392.71	937.01	-644.07	1,137.01	0.63	-0.63	-6.56

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Well:	Specialty 31D-28-692	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Compass VM

Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,657.00	1.40	88.10	5,487.71	937.08	-643.49	1,136.74	2.21	0.74	184.21	
5,752.00	1.10	92.10	5,582.68	937.09	-641.42	1,135.58	0.33	-0.32	4.21	
5,847.00	2.30	347.60	5,677.65	938.92	-640.92	1,136.81	2.93	1.26	-110.00	
5,943.00	2.30	333.50	5,773.58	942.52	-642.19	1,140.51	0.59	0.00	-14.69	
6,038.00	1.30	305.60	5,868.53	944.86	-643.92	1,143.41	1.37	-1.05	-29.37	
6,133.00	1.10	323.30	5,963.51	946.21	-645.34	1,145.33	0.44	-0.21	18.63	
6,229.00	1.90	33.00	6,059.48	948.29	-645.02	1,146.87	1.91	0.83	72.60	
6,324.00	1.10	46.10	6,154.45	950.24	-643.51	1,147.63	0.91	-0.84	13.79	
6,419.00	0.40	91.10	6,249.44	950.87	-642.52	1,147.59	0.91	-0.74	47.37	
6,515.00	0.40	74.60	6,345.44	950.95	-641.86	1,147.29	0.12	0.00	-17.19	
6,610.00	2.60	26.30	6,440.40	952.97	-640.59	1,148.24	2.48	2.32	-50.84	
6,705.00	2.00	28.20	6,535.33	956.36	-638.85	1,150.07	0.64	-0.63	2.00	
6,800.00	0.90	62.60	6,630.30	958.17	-637.40	1,150.75	1.43	-1.16	36.21	
6,896.00	0.10	153.80	6,726.29	958.44	-636.70	1,150.58	0.95	-0.83	95.00	
6,991.00	0.40	212.90	6,821.29	958.09	-636.84	1,150.37	0.38	0.32	62.21	
7,086.00	1.80	232.20	6,916.27	956.89	-638.20	1,150.15	1.50	1.47	20.32	
7,181.00	0.70	276.80	7,011.25	956.05	-639.95	1,150.43	1.46	-1.16	46.95	
7,277.00	0.80	242.00	7,107.24	955.80	-641.13	1,150.89	0.48	0.10	-36.25	
7,372.00	1.00	226.50	7,202.23	954.92	-642.31	1,150.83	0.33	0.21	-16.32	
7,467.00	1.40	199.00	7,297.21	953.25	-643.29	1,150.00	0.73	0.42	-28.95	
7,562.00	2.20	195.00	7,392.16	950.39	-644.14	1,148.11	0.85	0.84	-4.21	
7,589.00	2.50	198.00	7,419.14	949.33	-644.46	1,147.41	1.20	1.11	11.11	
7,638.00	2.50	198.00	7,468.09	947.30	-645.12	1,146.10	0.00	0.00	0.00	

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name		Casing Diameter (ft)	Hole Diameter (ft)
830.00	829.99	9 5/8"		0.80	1.02

Survey Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
5,657.00	5,487.71	937.08	-643.49	As of July 05	
7,638.00	7,468.09	947.30	-645.12	Proj to TD @ 7638' MD	

Checked By: _____ Approved By: _____ Date: _____



SDI Job #:	20100702	Report Time:	2400	1 of 4
COMPANY:	Bill Barrett Corp.	API JOB #	05-045-18311	
LOCATION:	Specialty Pad #4	WORK ORDER#	830-085	
RIG NAME:	Patterson 301	FIELD:	MAMM CREEK	
STATE:	Colorado	Sec-Twn-Rng:		
COUNTY:	Garfield	AFE# & District	15757D	
WELL NAME:	Specialty 31D-28-692			

From Saturday, July 03, 2010 at 0000 to Saturday, July 03, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	851.00	Rotary Hours	8.27	WOB	24	Pick UP	80	Slack Off	78	SPM	
End Depth	3537.00	Circulating Hours	0.48	RAB	79	SPP	2330	FlowRate	0 - 618	150	
Total Drilled:	2686.00	Avg. Total ROP:	231.22	Mud Data							
Total Rotary Drilled:	2324.00	Avg. Rotary ROP:	281.13	Type	LSND			PV	21	SOLID	4.1
Total Drilled Sliding:	362.00	Avg. Slide ROP:	108.06	Weight	8.9	GAS	0	YP	19	BHT°	0
Slide Hours:	3.35	Percent Rotary:	86.52	Viscosity	46	SAND	0.25	PH	9.1	Flow T°	71
Below Rotary Hrs.	16.50	Percent Slide:	13.48	Chlorides	1500	WL	6			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Logan Evans			Size	Lb/ft	Set Depth		BHA # 1:PL519, Hunting 1.83, , UBHO, NMDC, Gap Sub, NMDC, HWDP,			
Second Directional :	Brandon Pounds			Signature:							
MWD Operator1	Chuck Burrows										
MWD Operator2											
Directional Company:	Sharewell Energy Services										
Geologist:											
Company Man:	Doug Miller										
Incl. In:	0	Azm. In:	0	Incl. Out:	18.8	Azm. Out:	333				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Jul-10	00:00	07:30	7.50	0	0	Standby	Test BOP/Lay Down HWDP
3-Jul-10	07:30	09:00	1.50	851	851	Change BHA	Change BHA
3-Jul-10	09:00	09:40	0.67	851	851	TIH	TIH PICKUP 15 JTS. HWDP
3-Jul-10	09:40	10:17	0.62	851	851	Drilling Cement	TIH
3-Jul-10	10:17	10:20	0.05	851	851	Survey & Conn.	Survey & Conn.
3-Jul-10	10:20	10:35	0.25	851	939	Drilling	DRILLING
3-Jul-10	10:35	10:40	0.08	939	939	Survey & Conn.	Survey & Conn.
3-Jul-10	10:40	10:44	0.07	939	954	Sliding	Survey & Conn.
3-Jul-10	10:44	10:55	0.18	954	1034	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	10:55	11:03	0.13	1034	1034	Survey & Conn.	Survey & Conn.
3-Jul-10	11:03	11:07	0.07	1034	1046	Sliding	Sliding - (WOB:22;GPM :618;TFO:0)
3-Jul-10	11:07	11:18	0.18	1046	1129	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	11:18	11:22	0.07	1129	1129	Survey & Conn.	Survey & Conn.
3-Jul-10	11:22	11:26	0.07	1129	1144	Sliding	Sliding - (WOB:22;GPM :618;TFO:0)
3-Jul-10	11:26	11:37	0.18	1144	1225	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	11:37	11:42	0.08	1225	1225	Survey & Conn.	Survey & Conn.
3-Jul-10	11:42	11:46	0.07	1225	1240	Sliding	Sliding - (WOB:22;GPM :618;TFO:-45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Jul-10	11:46	11:58	0.20	1240	1321	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	11:58	12:04	0.10	1321	1321	Survey & Conn.	Survey & Conn.
3-Jul-10	12:04	12:12	0.13	1321	1341	Sliding	Sliding - (WOB:22;GPM :618;TFO:-30)
3-Jul-10	12:12	12:24	0.20	1341	1416	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	12:24	12:28	0.07	1416	1416	Survey & Conn.	Survey & Conn.
3-Jul-10	12:28	12:40	0.20	1416	1441	Sliding	Sliding - (WOB:22;GPM :618;TFO:-25)
3-Jul-10	12:40	12:49	0.15	1441	1512	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	12:49	12:54	0.08	1512	1512	Survey & Conn.	Survey & Conn.
3-Jul-10	12:54	13:04	0.17	1512	1532	Sliding	Sliding - (WOB:24;GPM :618;TFO:-10)
3-Jul-10	13:04	13:21	0.28	1532	1608	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	13:21	13:25	0.07	1608	1608	Survey & Conn.	Survey & Conn.
3-Jul-10	13:25	13:34	0.15	1608	1628	Sliding	Sliding - (WOB:24;GPM :618;TFO:-10)
3-Jul-10	13:34	13:45	0.18	1628	1703	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	13:45	13:50	0.08	1703	1703	Survey & Conn.	Survey & Conn.
3-Jul-10	13:50	14:08	0.30	1703	1798	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	14:08	14:15	0.12	1798	1798	Survey & Conn.	Survey & Conn.
3-Jul-10	14:15	14:26	0.18	1798	1818	Sliding	Sliding - (WOB:24;GPM :618;TFO:-80)
3-Jul-10	14:26	14:37	0.18	1818	1893	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	14:37	14:42	0.08	1893	1893	Survey & Conn.	Survey & Conn.
3-Jul-10	14:42	14:57	0.25	1893	1989	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	14:57	15:03	0.10	1989	1989	Survey & Conn.	Survey & Conn.
3-Jul-10	15:03	15:17	0.23	1989	2084	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	15:17	15:22	0.08	2084	2084	Survey & Conn.	Survey & Conn.
3-Jul-10	15:22	15:37	0.25	2084	2179	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	15:37	15:40	0.05	2179	2179	Survey & Conn.	Survey & Conn.
3-Jul-10	15:40	15:48	0.13	2179	2208	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	15:48	16:01	0.22	2208	2238	Sliding	Sliding - (WOB:24;GPM :618;TFO:15)
3-Jul-10	16:01	16:07	0.10	2238	2274	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	16:07	16:36	0.48	2274	2274	Rig Service-Inhole	Rig Service-Inhole
3-Jul-10	16:36	16:48	0.20	2274	2294	Sliding	Sliding - (WOB:24;GPM :618;TFO:45)
3-Jul-10	16:48	16:59	0.18	2294	2369	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	16:59	17:05	0.10	2369	2369	Survey & Conn.	Survey & Conn.
3-Jul-10	17:05	17:12	0.12	2369	2400	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	17:12	17:23	0.18	2400	2420	Sliding	Sliding - (WOB:24;GPM :618;TFO:0)
3-Jul-10	17:23	17:29	0.10	2420	2465	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	17:29	17:35	0.10	2465	2465	Survey & Conn.	Survey & Conn.
3-Jul-10	17:35	17:51	0.27	2465	2560	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	17:51	17:57	0.10	2560	2560	Survey & Conn.	Survey & Conn.
3-Jul-10	17:57	18:04	0.12	2560	2575	Sliding	Sliding - (WOB:24;GPM :618;TFO:-20)
3-Jul-10	18:04	18:32	0.47	2575	2655	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	18:32	18:37	0.08	2655	2655	Survey & Conn.	Survey & Conn.
3-Jul-10	18:37	19:01	0.40	2655	2750	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	19:01	19:05	0.07	2750	2750	Survey & Conn.	Survey & Conn.
3-Jul-10	19:05	19:25	0.33	2750	2845	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	19:25	19:30	0.08	2845	2845	Survey & Conn.	Survey & Conn.
3-Jul-10	19:30	19:58	0.47	2845	2941	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	19:58	20:02	0.07	2941	2941	Survey & Conn.	Survey & Conn.
3-Jul-10	20:02	20:25	0.38	2941	3036	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
3-Jul-10	20:25	20:30	0.08	3036	3036	Survey & Conn.	Survey & Conn.
3-Jul-10	20:30	20:40	0.17	3036	3051	Sliding	Sliding - (WOB:24;GPM :618;TFO:-70)
3-Jul-10	20:40	20:58	0.30	3051	3131	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	20:58	21:02	0.07	3131	3131	Survey & Conn.	Survey & Conn.
3-Jul-10	21:02	21:13	0.18	3131	3151	Sliding	Sliding - (WOB:24;GPM :618;TFO:-70)
3-Jul-10	21:13	21:30	0.28	3151	3227	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	21:30	21:34	0.07	3227	3227	Survey & Conn.	Survey & Conn.
3-Jul-10	21:34	21:57	0.38	3227	3257	Sliding	Sliding - (WOB:24;GPM :618;TFO:-70)
3-Jul-10	21:57	22:15	0.30	3257	3322	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	22:15	22:18	0.05	3322	3322	Survey & Conn.	Survey & Conn.
3-Jul-10	22:18	22:42	0.40	3322	3417	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	22:42	22:45	0.05	3417	3417	Survey & Conn.	Survey & Conn.
3-Jul-10	22:45	23:05	0.33	3417	3442	Sliding	Sliding - (WOB:24;GPM :618;TFO:45)
3-Jul-10	23:05	23:28	0.38	3442	3512	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
3-Jul-10	23:28	23:32	0.07	3512	3512	Survey & Conn.	Survey & Conn.
3-Jul-10	23:32	24:00	0.47	3512	3537	Sliding	Sliding - (WOB:24;GPM :618;TFO:45)



SDI Job #:	20100702	Report Time:	2400	2 of 4
COMPANY:	Bill Barrett Corp.	API JOB #	05-045-18311	
LOCATION:	Specialty Pad #4	WORK ORDER#	830-085	
RIG NAME:	Patterson 301	FIELD:	MAMM CREEK	
STATE:	Colorado	Sec-Twn-Rng:		
COUNTY:	Garfield	AFE# & District	15757D	
WELL NAME:	Specialty 31D-28-692			

From Sunday, July 04, 2010 at 0000 to Sunday, July 04, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	3537.00	Rotary Hours	12.15	WOB	15	Pick UP	80	Slack Off	78	SPM	
End Depth	5587.00	Circulating Hours	0.00	RAB	79	SPP	2730	FlowRate	480 - 618	120	
Total Drilled:	2050.00	Avg. Total ROP:	129.34	Mud Data							
Total Rotary Drilled:	1885.00	Avg. Rotary ROP:	155.14	Type	LSND			PV	22	SOLID	8.1
Total Drilled Sliding:	165.00	Avg. Slide ROP:	44.59	Weight	9.5	GAS	0	YP	20	BHT°	0
Slide Hours:	3.70	Percent Rotary:	91.95	Viscosity	52	SAND	0.3	PH	9.5	Flow T°	73
Below Rotary Hrs.	24.00	Percent Slide:	8.05	Chlorides	1600	WL	6.1			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Logan Evans			Size	Lb/ft	Set Depth		BHA # 2:FXD56M (5x15), Hunting 1.83, , UBHO, NMDC, Gap Sub, NMDC, HWDP			
Second Directional :	Brandon Pounds			Signature:							
MWD Operator1	Chuck Burrows										
MWD Operator2											
Directional Company:	Sharewell Energy Services										
Geologist:											
Company Man:	Doug Miller										
Incl. In:	18.8	Azm. In:	333	Incl. Out:	1.3	Azm. Out:	279.4				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
4-Jul-10	00:00	00:15	0.25	3537	3607	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
4-Jul-10	00:15	00:20	0.08	3607	3607	Survey & Conn.	Survey & Conn.
4-Jul-10	00:20	00:38	0.30	3607	3703	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
4-Jul-10	00:38	00:42	0.07	3703	3703	Survey & Conn.	Survey & Conn.
4-Jul-10	00:42	01:10	0.47	3703	3798	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
4-Jul-10	01:10	01:13	0.05	3798	3798	Survey & Conn.	Survey & Conn.
4-Jul-10	01:13	01:46	0.55	3798	3893	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
4-Jul-10	01:46	01:50	0.07	3893	3893	Survey & Conn.	Survey & Conn.
4-Jul-10	01:50	02:52	1.03	3893	3988	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
4-Jul-10	02:52	02:57	0.08	3988	3988	Survey & Conn.	Survey & Conn.
4-Jul-10	02:57	03:52	0.92	3988	4083	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
4-Jul-10	03:52	03:57	0.08	4083	4083	Survey & Conn.	Survey & Conn.
4-Jul-10	03:57	04:40	0.72	4083	4131	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)
4-Jul-10	04:40	06:45	2.08	4131	4131	POOH	POOH
4-Jul-10	06:45	07:05	0.33	4131	4131	Sliding	Change BHA
4-Jul-10	07:05	11:20	4.25	4131	4131	TIH	TIH
4-Jul-10	11:20	11:43	0.38	4131	4179	Drilling	Drilling - (WOB:22;GPM :618;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
4-Jul-10	11:43	11:53	0.17	4179	4179	Survey & Conn.	Survey & Conn.
4-Jul-10	11:53	12:16	0.38	4179	4204	Sliding	Sliding - (WOB:22;GPM :618;TFO:0)
4-Jul-10	12:16	12:46	0.50	4204	4275	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	19:20	19:25	0.08	5226	5226	Survey & Conn.	Survey & Conn.
4-Jul-10	19:25	19:55	0.50	5226	5246	Sliding	Sliding - (WOB:22;GPM :618;TFO:90)
4-Jul-10	19:55	20:33	0.63	5246	5321	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	20:33	20:38	0.08	5321	5321	Survey & Conn.	Survey & Conn.
4-Jul-10	20:38	21:00	0.37	5321	5351	Sliding	Sliding - (WOB:22;GPM :618;TFO:90)
4-Jul-10	21:00	21:31	0.52	5351	5416	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	21:31	21:36	0.08	5416	5416	Survey & Conn.	Survey & Conn.
4-Jul-10	21:36	22:00	0.40	5416	5436	Sliding	Sliding - (WOB:22;GPM :618;TFO:90)
4-Jul-10	22:00	22:30	0.50	5436	5511	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	22:30	22:35	0.08	5511	5511	Survey & Conn.	Survey & Conn.
4-Jul-10	22:35	23:35	1.00	5511	5531	Sliding	Sliding - (WOB:22;GPM :618;TFO:60)
4-Jul-10	23:35	24:00	0.42	5531	5587	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	12:46	12:52	0.10	4275	4275	Survey & Conn.	Survey & Conn.
4-Jul-10	12:52	13:09	0.28	4275	4290	Sliding	Sliding - (WOB:22;GPM :618;TFO:25)
4-Jul-10	13:09	13:36	0.45	4290	4370	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	13:36	13:40	0.07	4370	4370	Survey & Conn.	Survey & Conn.
4-Jul-10	13:40	14:10	0.50	4370	4465	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	14:10	14:14	0.07	4465	4465	Survey & Conn.	Survey & Conn.
4-Jul-10	14:14	14:40	0.43	4465	4560	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	14:40	14:44	0.07	4560	4560	Survey & Conn.	Survey & Conn.
4-Jul-10	14:44	15:11	0.45	4560	4656	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	15:11	15:15	0.07	4656	4656	Survey & Conn.	Survey & Conn.
4-Jul-10	15:15	15:43	0.47	4656	4751	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	15:43	15:48	0.08	4751	4751	Survey & Conn.	Survey & Conn.
4-Jul-10	15:48	16:18	0.50	4751	4846	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	16:18	16:23	0.08	4846	4846	Survey & Conn.	Survey & Conn.
4-Jul-10	16:23	16:56	0.55	4846	4941	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	16:56	17:03	0.12	4941	4941	Survey & Conn.	Survey & Conn.
4-Jul-10	17:03	17:37	0.57	4941	5036	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	17:37	17:46	0.15	5036	5036	Survey & Conn.	Survey & Conn.
4-Jul-10	17:46	18:12	0.43	5036	5071	Sliding	Sliding - (WOB:22;GPM :618;TFO:25)
4-Jul-10	18:12	18:37	0.42	5071	5132	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
4-Jul-10	18:37	18:42	0.08	5132	5132	Survey & Conn.	Survey & Conn.
4-Jul-10	18:42	19:20	0.63	5132	5226	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)



SDI Job #:	20100702	Report Time:	2400	3 of 4
COMPANY:	Bill Barrett Corp.	API JOB #	05-045-18311	
LOCATION:	Specialty Pad #4	WORK ORDER#	830-085	
RIG NAME:	Patterson 301	FIELD:	MAMM CREEK	
STATE:	Colorado	Sec-Twn-Rng:		
COUNTY:	Garfield	AFE# & District	15757D	
WELL NAME:	Specialty 31D-28-692			

From Monday, July 05, 2010 at 0000 to Monday, July 05, 2010 at 2400

DRILLING SUMMARY					Drilling Parameters						
Start Depth	5587.00	Rotary Hours	10.50	WOB	15	Pick UP	155	Slack Off	135	SPM	
End Depth	6941.00	Circulating Hours	0.70	RAB	140	SPP	2860	FlowRate	480 - 618	130	
Total Drilled:	1354.00	Avg. Total ROP:	102.84	Mud Data							
Total Rotary Drilled:	1234.00	Avg. Rotary ROP:	117.52	Type	LSND			PV	21	SOLID	11
Total Drilled Sliding:	120.00	Avg. Slide ROP:	45.00	Weight	10.2	GAS	0	YP	17	BHT°	0
Slide Hours:	2.67	Percent Rotary:	91.14	Viscosity	49	SAND	0.35	PH	9.5	Flow T°	82
Below Rotary Hrs.	24.00	Percent Slide:	8.86	Chlorides	1300	WL	6			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Logan Evans			Size	Lb/ft	Set Depth		BHA # 3:FX55M (5x16), Hunting 1.83 FIXED, 3.3,7/8, .16 rev., UBHO, NMDC, Gap Sub, NMDC, HWDP,			
Second Directional :	Brandon Pounds			Signature:							
MWD Operator1	Chuck Burrows										
MWD Operator2											
Directional Company:	Sharewell Energy Services										
Geologist:											
Company Man:	Doug Miller										
Incl. In:	1.3	Azm. In:	279.4	Incl. Out:	0.1	Azm. Out:	153.8				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
5-Jul-10	00:00	00:12	0.20	5587	5607	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
5-Jul-10	00:12	00:17	0.08	5607	5607	Survey & Conn.	Survey & Conn.
5-Jul-10	00:17	01:10	0.88	5607	5642	Sliding	Sliding - (WOB:22;GPM :618;TFO:60)
5-Jul-10	01:10	01:47	0.62	5642	5702	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
5-Jul-10	01:47	01:50	0.05	5702	5702	Survey & Conn.	Survey & Conn.
5-Jul-10	01:50	02:50	1.00	5702	5780	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
5-Jul-10	02:50	03:00	0.17	5780	5780	Circulating	Circulating
5-Jul-10	03:00	06:30	3.50	5780	5780	POOH	POOH
5-Jul-10	06:30	08:15	1.75	5780	5780	Change BHA	Change BHA
5-Jul-10	08:15	12:00	3.75	5780	5780	TIH	TIH
5-Jul-10	12:00	12:12	0.20	5780	5798	Drilling	Drilling - (WOB:15;GPM :480;RPM:45)
5-Jul-10	12:12	12:18	0.10	5798	5798	Survey & Conn.	Survey & Conn.
5-Jul-10	12:18	12:26	0.13	5798	5803	Drilling	Drilling - (WOB:15;GPM :568;RPM:45)
5-Jul-10	12:26	12:53	0.45	5803	5833	Sliding	Sliding - (WOB:22;GPM :618;TFO:60)
5-Jul-10	12:53	13:29	0.60	5833	5893	Drilling	Drilling - (WOB:15;GPM :568;RPM:45)
5-Jul-10	13:29	13:33	0.07	5893	5893	Survey & Conn.	Survey & Conn.
5-Jul-10	13:33	14:26	0.88	5893	5988	Drilling	Drilling - (WOB:15;GPM :568;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
5-Jul-10	14:26	14:30	0.07	5988	5988	Survey & Conn.	Survey & Conn.
5-Jul-10	14:30	15:15	0.75	5988	6084	Drilling	Drilling - (WOB:15;GPM :568;RPM:45)
5-Jul-10	15:15	15:19	0.07	6084	6084	Survey & Conn.	Survey & Conn.
5-Jul-10	15:19	15:39	0.33	6084	6125	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
5-Jul-10	15:39	16:02	0.38	6125	6145	Sliding	Sliding - (WOB:40;GPM :618;TFO:0)
5-Jul-10	16:02	16:11	0.15	6145	6180	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
5-Jul-10	16:11	16:16	0.08	6180	6180	Survey & Conn.	Survey & Conn.
5-Jul-10	16:16	16:54	0.63	6180	6274	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
5-Jul-10	16:54	17:00	0.10	6274	6274	Survey & Conn.	Survey & Conn.
5-Jul-10	17:00	17:45	0.75	6274	6370	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
5-Jul-10	17:45	17:50	0.08	6370	6370	Survey & Conn.	Survey & Conn.
5-Jul-10	17:50	18:36	0.77	6370	6464	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
5-Jul-10	18:36	18:40	0.07	6464	6464	Survey & Conn.	Survey & Conn.
5-Jul-10	18:40	19:09	0.48	6464	6479	Sliding	Sliding - (WOB:40;GPM :618;TFO:60)
5-Jul-10	19:09	19:36	0.45	6479	6560	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
5-Jul-10	19:36	19:40	0.07	6560	6560	Survey & Conn.	Survey & Conn.
5-Jul-10	19:40	20:08	0.47	6560	6580	Sliding	Sliding - (WOB:40;GPM :618;TFO:60)
5-Jul-10	20:08	20:54	0.77	6580	6655	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
5-Jul-10	20:54	20:58	0.07	6655	6655	Survey & Conn.	Survey & Conn.
5-Jul-10	20:58	21:46	0.80	6655	6750	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
5-Jul-10	21:46	21:50	0.07	6750	6750	Survey & Conn.	Survey & Conn.
5-Jul-10	21:50	22:35	0.75	6750	6845	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
5-Jul-10	22:35	22:40	0.08	6845	6845	Survey & Conn.	Survey & Conn.
5-Jul-10	22:40	23:23	0.72	6845	6941	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
5-Jul-10	23:23	23:55	0.53	6941	6941	Circulating	Circulating and change rot. rubber
5-Jul-10	23:55	24:00	0.08	6941	6941	Survey & Conn.	Survey & Conn.



SDI Job #:	20100702	Report Time:	2400	4 of 4
COMPANY:	Bill Barrett Corp.	API JOB #	05-045-18311	
LOCATION:	Specialty Pad #4	WORK ORDER#	830-085	
RIG NAME:	Patterson 301	FIELD:	MAMM CREEK	
STATE:	Colorado	Sec-Twn-Rng:		
COUNTY:	Garfield	AFE# & District	15757D	
WELL NAME:	Specialty 31D-28-692			

From Tuesday, July 06, 2010 at 0000 to Tuesday, July 06, 2010 at 2400

DRILLING SUMMARY						Drilling Parameters							
Start Depth	6941.00	Rotary Hours	7.13	WOB	15	Pick UP	155	Slack Off	135	SPM			
End Depth	7634.00	Circulating Hours	1.25	RAB	140	SPP	2860	FlowRate	526 - 526	130			
Total Drilled:	693.00	Avg. Total ROP:	97.15	Mud Data									
Total Rotary Drilled:	693.00	Avg. Rotary ROP:	97.15	Type	LSND			PV	21	SOLID	11		
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	10.2	GAS	0	YP	17	BHT°	0		
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	49	SAND	0.35	PH	9.5	Flow T°	82		
Below Rotary Hrs.	13.00	Percent Slide:	.00	Chlorides	1300	WL	6			Oil %	0		
PERSONNEL				Casing					BHA				
Lead Directional :	Logan Evans			Size	Lb/ft	Set Depth		BHA # 3:FX55M (5x16), Hunting 1.83 FIXED, 3.3,7/8, .16 rev., UBHO, NMDC, Gap Sub, NMDC, HWDP,					
Second Directional :	Brandon Pounds												
MWD Operator1	Chuck Burrows												
MWD Operator2													
Directional Company:	Sharewell Energy Services												
Geologist:				Signature:									
Company Man:	Doug Miller												
Incl. In:	0.1	Azm. In:	153.8	Incl. Out:	0	Azm. Out:	0						

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
6-Jul-10	00:00	01:20	1.33	6941	7036	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
6-Jul-10	01:20	01:25	0.08	7036	7036	Survey & Conn.	Survey & Conn.
6-Jul-10	01:25	02:08	0.72	7036	7131	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
6-Jul-10	02:08	02:12	0.07	7131	7131	Survey & Conn.	Survey & Conn.
6-Jul-10	02:12	02:55	0.72	7131	7226	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
6-Jul-10	02:55	03:00	0.08	7226	7226	Survey & Conn.	Survey & Conn.
6-Jul-10	03:00	03:38	0.63	7226	7322	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
6-Jul-10	03:38	03:42	0.07	7322	7322	Survey & Conn.	Survey & Conn.
6-Jul-10	03:42	04:57	1.25	7322	7417	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
6-Jul-10	04:57	05:02	0.08	7417	7417	Survey & Conn.	Survey & Conn.
6-Jul-10	05:02	06:08	1.10	7417	7513	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
6-Jul-10	06:08	06:15	0.12	7513	7513	Survey & Conn.	Survey & Conn.
6-Jul-10	06:15	07:20	1.08	7513	7608	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
6-Jul-10	07:20	07:27	0.12	7608	7608	Survey & Conn.	Survey & Conn.
6-Jul-10	07:27	07:45	0.30	7608	7634	Drilling	Drilling - (WOB:15;GPM :526;RPM:45)
6-Jul-10	07:45	09:00	1.25	7634	7634	Circulating	Circulating
6-Jul-10	09:00	13:00	4.00	7634	7634	POOH	POOH

Well Information

BHA # 1



SDI Job #: 20100702
COMPANY: Bill Barrett Corp.
LOCATION: Specialty Pad #4
RIG NAME: Patterson 301
STATE: Colorado
COUNTY: Garfield
WELL NAME: Specialty 31D-28-692

FIELD: MAMM CREEK
Sec-Twn-Rng:
PO #/ DISTRICT 15757D
Lead DD: Logan Evans
Co. Man: Doug Miller
BHA TYPE: Steerable Assembly

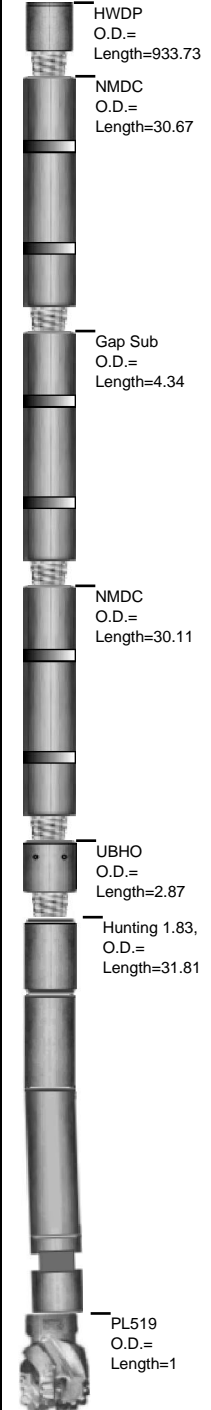
BHA Summary Information

TIME IN - OUT			Rotary Hours		12.50		Start Depth		851.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		16.67 / .48		End Depth		4131.00				
03-Jul-10 @ 09:00	04-Jul-10 @ 07:05	Slide Hours		3.68		Percent Rotary:		88.96		0 -45	356 -618	
		Below Rotary Hrs.		22.08		Percent Slide:		11.04				
Total Drilled:			3280.00		Avg. Total ROP:		202.68		Incl.		Azimuth	
Total Rotary Drilled:			2918.00		Avg. Rotary ROP:		233.44		IN	OUT	IN	OUT
Total Drilled Sliding:			362.00		Avg. Slide ROP:		98.28		.0	.0	.00	.00
SPP	625 -2330	Weights	SO	68 -78	PU	70 -80	RAB	69 -79	Reason POOH			

Bit Data				Motor Data				Mud Data			
OTHER	PL519			7:8, 5.3 STG., 1.83 DEG.				Type	LSND		
Type Bit		PDC		Model: MAX TORQUE		Pad OD		WT	8.9	GAS	0
TFA	0.907			MFG.	Hunting	7.05		Vis	46	SAND	0.25
JETS	13	13	13	Bend °	1.83	Stator/Rotor	7:8	PH	9.1	Chlor	1500
	13	13	0	Bit to Bend	6.21	Motor Diff		YP	19	WL	6
Bit Coding		IADC#		Rev/GAL	0.24			BHT°		0	
IR	OR	DL	Loc	BS	G	ODL		Pumps		PUMP1	
0	0							NAME		PUMP1	
Bit Drop:		381 PSI @ 618 GPM		Sensor Offsets				Type		FB1600	
Comments		Sensor	45	Sonic	0	Liner		6.00		6.00	
		Gamma	0	DNCS	0	Stroke		12.00		12.00	
		Restiv	0	GYRO	0	Efficiency		95.00		95.00	

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	PL519	507229			1.00	1.00	4 1/2 REGP
2	Hunting 1.83,	2127			31.81	32.81	4 1/2 XHB
3	UBHO	65108			2.87	35.68	4 1/2 XHB
4	NMDC	650300314			30.11	65.79	4 1/2 XHB
5	Gap Sub	650001			4.34	70.13	4 1/2 XHB
6	NMDC	650300061			30.67	100.80	4 1/2 XHB
7	HWDP	Rig			933.73	1034.53	4 1/2 XHB



Well Information

BHA # 2



SDI Job #: 20100702
COMPANY: Bill Barrett Corp.
LOCATION: Specialty Pad #4
RIG NAME: Patterson 301
STATE: Colorado
COUNTY: Garfield
WELL NAME: Specialty 31D-28-692

FIELD: MAMM CREEK
Sec-Twn-Rng:
PO #/ DISTRICT 15757D
Lead DD: Logan Evans
Co. Man: Doug Miller
BHA TYPE: Steerable Assembly

BHA Summary Information

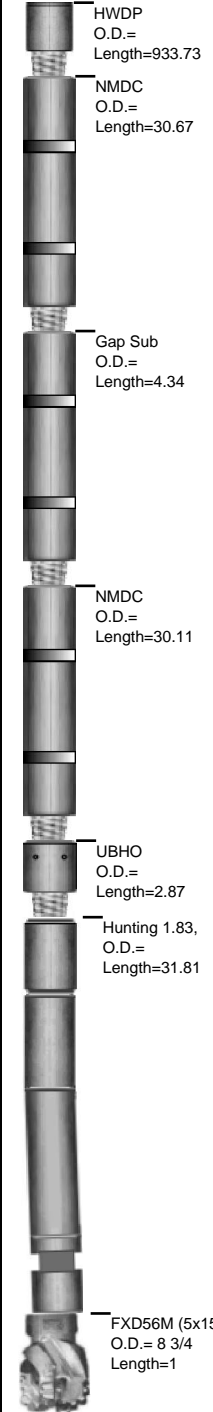
TIME IN - OUT		Rotary Hours		9.73		Start Depth		4131.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		14.15 / .17		End Depth		5780.00			
04-Jul-10 @ 07:05	05-Jul-10 @ 08:15	Slide Hours		4.25		Percent Rotary:		87.87		0 -45	480 -618
		Below Rotary Hrs.		25.17		Percent Slide:		12.13			
Total Drilled:		1649.00		Avg. Total ROP:		117.93		Incl.		Azimuth	
Total Rotary Drilled:		1449.00		Avg. Rotary ROP:		148.87		IN	OUT	IN	OUT
Total Drilled Sliding:		200.00		Avg. Slide ROP:		47.06		.0	.0	.00	.00
SPP	2730 -2730	Weights	SO	78 -78	PU	80 -80	RAB	79 -79	Reason POOH		

Bit Data							Motor Data					Mud Data				
Security		FXD56M (5x15)					7:8, 5.3 STG., 1.83 DEG.					Type	LSND			
Type Bit				PDC			Model: MAX TORQUE			Pad OD		WT 9.5 GAS 0 Solids 8.1				
TFA		0.862					MFG. Hunting			7.05		Vis 52 SAND 0.3 T ° 73				
JETS			15	15	15	15	15	Bend ° 1.83		Stator/Rotor 7:8		PV 22 PH 9.5 Chlor 1600				
			0	0	0	0	0	Bit to Bend 6.21		Motor Diff		YP 20 WL 6.1 Oil % 0				
Bit Coding				IADC#				Rev/GAL 0.17						BHT° 0		
IR	OR	DL	Loc	BS	G	ODL	NB Stab 0		Pumps		PUMP1		PUMP1			
0	0						Rotor Jet 0		NAME		NATIONAL		NATIONAL			
										Model						
Bit Drop:			450 PSI @ 618 GPM			Sensor Offsets			Type		FB1600		FB1600			
Comments				Sensor		45	Sonic	0	Liner		6.00		6.00			
				Gamma		0	DNSC	0	Stroke		12.00		12.00			
				Restiv		0	GYRO	0	Efficiency		95.00		95.00			

Comments

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FXD56M (5x15)	11489393		8 3/4	1.00	1.00	4 1/2 REGP
2	Hunting 1.83,	2127			31.81	32.81	4 1/2 XHB
3	UBHO	65108			2.87	35.68	4 1/2 XHB
4	NMDC	650300314			30.11	65.79	4 1/2 XHB
5	Gap Sub	650001			4.34	70.13	4 1/2 XHB
6	NMDC	650300061			30.67	100.80	4 1/2 XHB
7	HWDP	Rig			933.73	1034.53	4 1/2 XHB



Well Information

BHA # 3



SDI Job #: 20100702
COMPANY: Bill Barrett Corp.
LOCATION: Specialty Pad #4
RIG NAME: Patterson 301
STATE: Colorado
COUNTY: Garfield
WELL NAME: Specialty 31D-28-692

FIELD: MAMM CREEK
Sec-Twn-Rng:
PO #/ DISTRICT 15757D
Lead DD: Logan Evans
Co. Man: Doug Miller
BHA TYPE: Steerable Assembly

BHA Summary Information

TIME IN - OUT		Rotary Hours		15.82	Start Depth		5780.00		RPM Range	Flow Rate	
Start Time	End Time	Circ Hrs Tot/Only		19.38 / 1.78	End Depth		7634.00				
05-Jul-10 @ 08:15	06-Jul-10 @ 13:00	Slide Hours		1.78	Percent Rotary:		95.42		0 -45	526 -618	
		Below Rotary Hrs.		28.75	Percent Slide:		4.58				
Total Drilled:		1854.00		Avg. Total ROP:		105.34		Incl.		Azimuth	
Total Rotary Drilled:		1769.00		Avg. Rotary ROP:		111.84		IN	OUT	IN	OUT
Total Drilled Sliding:		85.00		Avg. Slide ROP:		47.66		.0	.0	.00	.00
SPP	2860 -2920	Weights	SO	135 -135	PU	155 -155	RAB	140 -140	Reason POOH		

Bit Data							Motor Data					Mud Data				
Security		FX55M (5x16)					7:8, 3.3 STG., 1.83 DEG.					Type	LSND			
Type Bit			PDC				Model: MAX TORQUE		Pad OD			WT 10.2 GAS 0 Solids 11				
TFA		0.981					MFG. Hunting		6.53			Vis 49 SAND 0.35 T ° 82				
JETS		16	16	16	16	16	Bend ° 1.83		Stator/Rotor 7:8			PV 21 PH 9.5 Chlor 1300				
		0	0	0	0	0	Bit to Bend 6.2		Motor Diff			YP 17 WL 6 Oil % 0				
Bit Coding			IADC#			Rev/GAL 0.17					BHT° 0					
IR	OR	DL	Loc	BS	G	ODL	NB Stab 0		Pumps		PUMP1		PUMP1			
0		0					Rotor Jet 0		NAME		NATIONAL NATIONAL					
									Model							
Bit Drop:		373 PSI @ 618 GPM				Sensor Offsets			Type		FB1600 FB1600					
Comments			Sensor	45	Sonic	0	Liner		6.00 6.00							
			Gamma	0	DNCS	0	Stroke		12.00 12.00							
			Restiv	0	GYRO	0	Efficiency		95.00 95.00							

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FX55M (5x16)	11500270		7 7/8	1.00	1.00	4 1/2 REGP
2	Hunting 1.83 FIXED, 3.3,7/8, .16 rev.	6148			31.54	32.54	4 1/2 XHB
3	UBHO	65108			2.87	35.41	4 1/2 XHB
4	NMDC	650300314			30.11	65.52	4 1/2 XHB
5	Gap Sub	650001			4.34	69.86	4 1/2 XHB
6	NMDC	650300061			30.67	100.53	4 1/2 XHB
7	HWDP	Rig			933.73	1034.26	4 1/2 XHB

