



**Bill Barrett Corporation**

Well Name and Number:

**GGU Barge Federal 32C-32-691**

Patterson 307  
Garfield County, Colorado

Directional Services Provided By:

**Sharewell Energy Services, LP**





September 27, 2010

**Troy Schindler**  
**Drilling Manager**

**Bill Barrett Corporation**  
**1099 18<sup>th</sup> Street**  
**Suite 2300**  
**Denver, CO 80202**

Well Reference: **GGU Barge Federal 32C-32-691**  
**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](mailto:swilliams@sharewell.com)



## **Bill Barrett Corp.**

Garfield County, Colorado

MDP 3 Pad

GGU Barge Federal 32C-32-691

Wellbore #1

Survey: Surveys

## **Standard Survey Report**

27 September, 2010

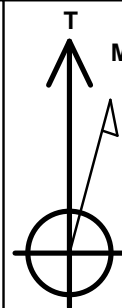
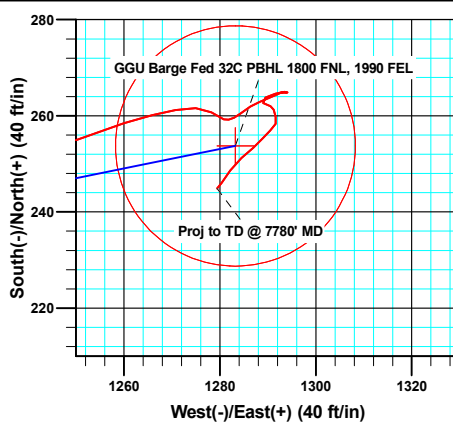
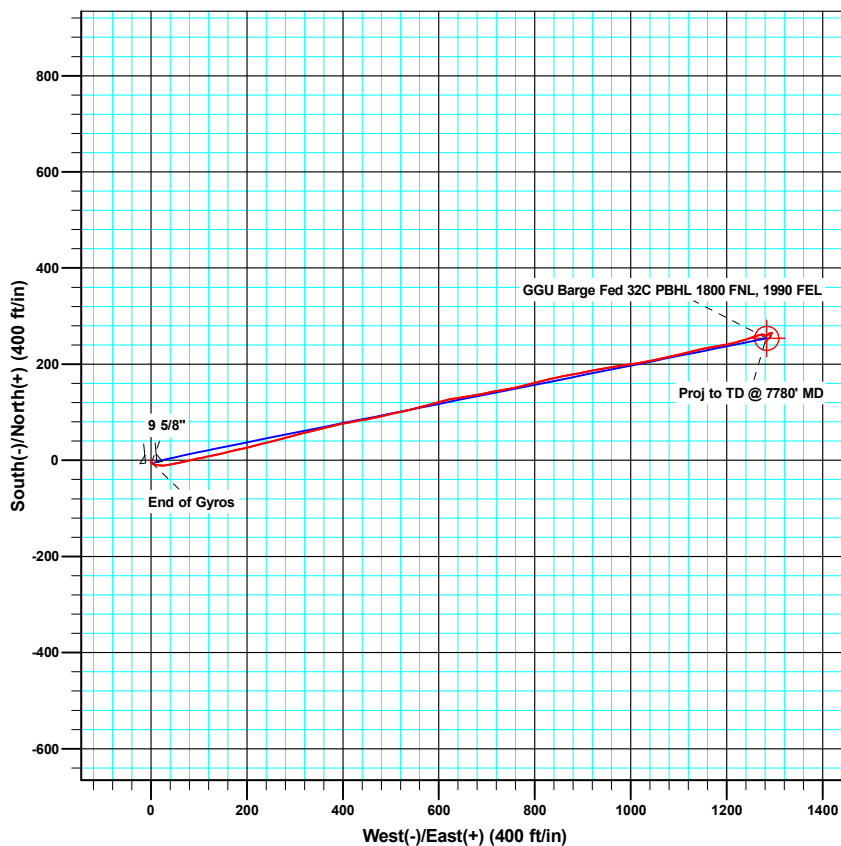
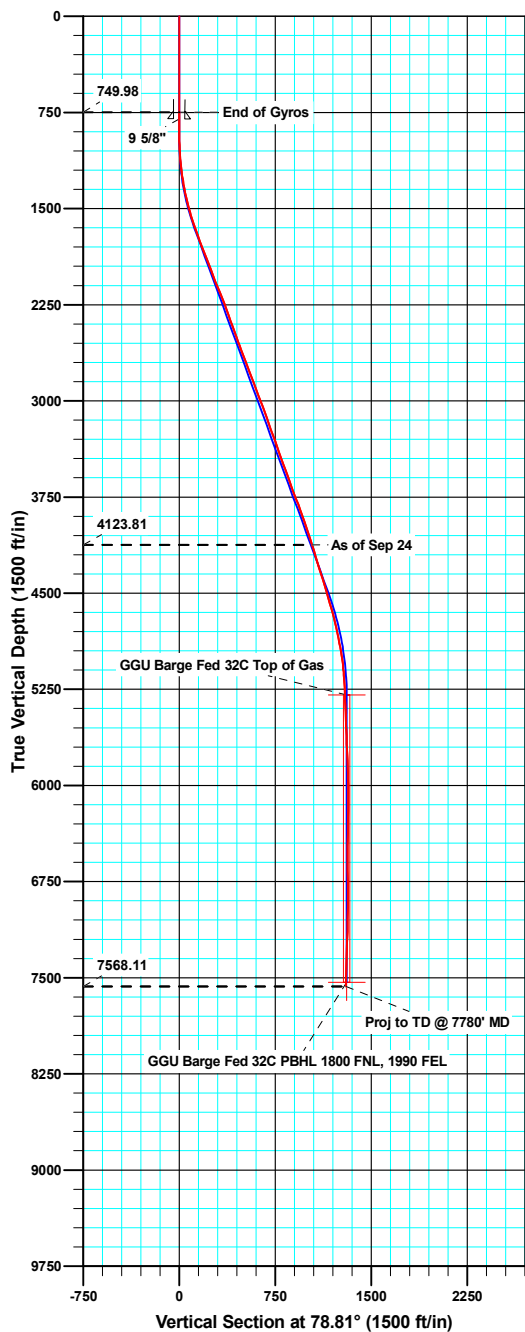




WELL DETAILS: GGU Barge Federal 32C-32-691

Ground Level: 6370.00

North American Datum 1983		US State Plane 1983		Colorado Central Zone	
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	1608627.03	2413035.01	39° 29' 9.63 N	107° 34' 47.44 W



Azimuths to True North  
Magnetic North: 10.24°

Magnetic Field  
Strength: 52406.5snT  
Dip Angle: 65.84°  
Date: 08/26/2010  
Model: IGRF200510

#### ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	V/Sect	Departure	Annotation
4123.81	4302.00	18.00	80.10	203.02	1017.47	1037.52	1042.81	As of Sep 24
7568.11	7780.00	1.80	217.80	244.89	1279.47	1302.67	1360.89	Proj to TD @ 7780' MD



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well GGU Barge Federal 32C-32-691
<b>Project:</b>	Garfield County, Colorado	<b>TVD Reference:</b>	KB @ 6392.00ft
<b>Site:</b>	MDP 3 Pad	<b>MD Reference:</b>	KB @ 6392.00ft
<b>Well:</b>	GGU Barge Federal 32C-32-691	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	Compass VM

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

Site		MDP 3 Pad			
Site Position:		Northing:	1,608,618.77 usft	Latitude:	39° 29' 9.55 N
From:	Lat/Long	Easting:	2,413,031.56 usft	Longitude:	107° 34' 47.48 W
Position Uncertainty:	0.00 ft	Slot Radius:	1.10 ft	Grid Convergence:	-1.31 °

Well	GGU Barge Federal 32C-32-691					
Well Position	+N/-S	0.00 ft	Northing:	1,608,627.02 usft	Latitude:	39° 29' 9.63 N
	+E/-W	0.00 ft	Easting:	2,413,035.01 usft	Longitude:	107° 34' 47.44 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,370.00 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	08/26/10	10.24	65.84	52,406

<b>Design</b>	Wellbore #1				
<b>Audit Notes:</b>					
<b>Version:</b>	1.0	<b>Phase:</b>	ACTUAL	<b>Tie On Depth:</b>	0.00
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Direction (°)</b>	
	0.00	0.00	0.00	78.81	

<b>Survey Program</b>	<b>Date</b>	09/27/10			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
50.00	750.00	Gyro Surveys (Wellbore #1)	MWD	MWD - Standard	
882.00	7,780.00	Surveys (Wellbore #1)	MWD	MWD - Standard	

<b>Survey</b>										
<b>Measured Depth (ft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (ft)</b>	<b>+N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Vertical Section (ft)</b>	<b>Dogleg Rate (°/100ft)</b>	<b>Build Rate (°/100ft)</b>	<b>Turn Rate (°/100ft)</b>	
750.00	0.69	182.31	749.98	-4.25	0.56	-0.28	0.00	0.00	0.00	
800.00	0.61	174.56	799.97	-4.82	0.57	-0.38	0.24	-0.17	-15.49	
<b>9 5/8"</b>										
882.00	0.50	156.80	881.97	-5.58	0.75	-0.35	0.24	-0.13	-21.66	
974.00	2.40	124.70	973.94	-7.04	2.49	1.08	2.17	2.07	-34.89	
1,066.00	4.10	101.60	1,065.79	-8.80	7.30	5.45	2.30	1.85	-25.11	
1,158.00	5.70	101.20	1,157.45	-10.35	15.00	12.71	1.74	1.74	-0.43	
1,250.00	8.40	85.00	1,248.76	-10.65	26.18	23.62	3.62	2.93	-17.61	
1,346.00	11.00	79.80	1,343.38	-8.42	42.18	39.75	2.86	2.71	-5.42	
1,441.00	13.40	77.50	1,436.23	-4.43	61.85	59.82	2.58	2.53	-2.42	

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well GGU Barge Federal 32C-32-691
<b>Project:</b>	Garfield County, Colorado	<b>TVD Reference:</b>	KB @ 6392.00ft
<b>Site:</b>	MDP 3 Pad	<b>MD Reference:</b>	KB @ 6392.00ft
<b>Well:</b>	GGU Barge Federal 32C-32-691	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	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)
1,537.00	16.00	76.60	1,529.07	1.04	85.59	84.16	2.72	2.71	-0.94
1,632.00	19.10	79.80	1,619.64	6.83	113.63	112.80	3.42	3.26	3.37
1,728.00	20.00	75.20	1,710.11	13.81	144.96	144.89	1.86	0.94	-4.79
1,823.00	21.10	78.10	1,799.07	21.48	177.40	178.20	1.58	1.16	3.05
1,918.00	20.80	75.00	1,887.79	29.38	210.43	212.13	1.21	-0.32	-3.26
2,014.00	21.40	77.80	1,977.36	37.49	244.01	246.65	1.22	0.63	2.92
2,109.00	22.10	74.60	2,065.60	45.90	278.19	281.80	1.45	0.74	-3.37
2,204.00	21.90	75.20	2,153.68	55.17	312.54	317.31	0.32	-0.21	0.63
2,299.00	21.00	76.10	2,242.10	63.78	346.20	351.99	1.01	-0.95	0.95
2,395.00	20.20	76.50	2,331.96	71.79	379.01	385.74	0.85	-0.83	0.42
2,490.00	19.10	79.00	2,421.43	78.58	410.22	417.67	1.46	-1.16	2.63
2,585.00	19.70	81.30	2,511.04	83.97	441.31	449.21	1.02	0.63	2.42
2,680.00	21.20	76.60	2,600.05	90.37	473.85	482.38	2.34	1.58	-4.95
2,776.00	20.90	78.20	2,689.65	97.90	507.49	516.84	0.68	-0.31	1.67
2,871.00	21.40	75.00	2,778.25	105.85	540.82	551.08	1.32	0.53	-3.37
2,967.00	20.70	75.80	2,867.84	114.54	574.19	585.50	0.79	-0.73	0.83
3,062.00	19.90	76.00	2,956.94	122.57	606.16	618.42	0.85	-0.84	0.21
3,157.00	20.40	79.50	3,046.13	129.50	638.12	651.12	1.37	0.53	3.68
3,253.00	20.00	81.40	3,136.23	135.01	670.81	684.26	0.80	-0.42	1.98
3,348.00	20.10	78.40	3,225.47	140.72	702.86	716.81	1.09	0.11	-3.16
3,444.00	19.10	80.50	3,315.91	146.63	734.51	749.01	1.27	-1.04	2.19
3,539.00	19.90	76.90	3,405.46	152.86	765.59	780.70	1.52	0.84	-3.79
3,634.00	20.70	76.20	3,494.56	160.53	797.65	813.63	0.88	0.84	-0.74
3,732.00	19.00	76.40	3,586.73	168.41	829.97	846.88	1.74	-1.73	0.20
3,825.00	20.30	78.40	3,674.32	175.22	860.49	878.14	1.57	1.40	2.15
3,920.00	21.00	79.00	3,763.21	181.78	893.35	911.64	0.77	0.74	0.63
4,016.00	20.00	80.00	3,853.13	187.91	926.40	945.26	1.10	-1.04	1.04
4,111.00	19.00	81.10	3,942.68	193.12	957.68	976.95	1.12	-1.05	1.16
4,206.00	18.50	80.60	4,032.64	197.98	987.83	1,007.47	0.55	-0.53	-0.53
4,302.00	18.00	80.10	4,123.81	203.02	1,017.47	1,037.52	0.55	-0.52	-0.52
4,397.00	17.00	79.30	4,214.41	208.12	1,045.57	1,066.08	1.08	-1.05	-0.84
4,492.00	17.40	77.70	4,305.17	213.72	1,073.10	1,094.17	0.65	0.42	-1.68
4,588.00	17.00	76.30	4,396.87	220.10	1,100.76	1,122.54	0.60	-0.42	-1.46
4,683.00	16.30	76.10	4,487.89	226.60	1,127.19	1,149.74	0.74	-0.74	-0.21
4,778.00	16.40	79.10	4,579.05	232.33	1,153.30	1,176.46	0.90	0.11	3.16
4,874.00	15.10	78.90	4,671.44	237.31	1,178.88	1,202.52	1.36	-1.35	-0.21
4,969.00	12.50	80.90	4,763.69	241.31	1,201.18	1,225.17	2.78	-2.74	2.11
5,065.00	12.00	73.90	4,857.51	245.73	1,221.03	1,245.50	1.63	-0.52	-7.29
5,160.00	9.80	71.70	4,950.79	251.00	1,238.19	1,263.36	2.36	-2.32	-2.32
5,255.00	7.00	70.90	5,044.77	255.44	1,251.34	1,277.12	2.95	-2.95	-0.84
5,351.00	4.00	70.70	5,140.31	258.46	1,260.03	1,286.23	3.13	-3.13	-0.21
5,446.00	3.40	77.10	5,235.11	260.18	1,265.90	1,292.33	0.77	-0.63	6.74
5,541.00	2.60	79.90	5,329.98	261.19	1,270.77	1,297.30	0.86	-0.84	2.95

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well GGU Barge Federal 32C-32-691
<b>Project:</b>	Garfield County, Colorado	<b>TVD Reference:</b>	KB @ 6392.00ft
<b>Site:</b>	MDP 3 Pad	<b>MD Reference:</b>	KB @ 6392.00ft
<b>Well:</b>	GGU Barge Federal 32C-32-691	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	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)	
5,637.00	2.40	88.30	5,425.89	261.63	1,274.93	1,301.46	0.43	-0.21	8.75	
5,732.00	2.00	125.50	5,520.83	260.73	1,278.26	1,304.56	1.53	-0.42	39.16	
5,827.00	1.60	110.20	5,615.78	259.31	1,280.86	1,306.83	0.65	-0.42	-16.11	
5,923.00	3.30	52.70	5,711.70	260.52	1,284.31	1,310.45	2.90	1.77	-59.90	
6,018.00	2.30	67.60	5,806.59	262.90	1,288.25	1,314.78	1.29	-1.05	15.68	
6,114.00	1.90	66.50	5,902.52	264.27	1,291.49	1,318.22	0.42	-0.42	-1.15	
6,209.00	0.70	82.30	5,997.50	264.98	1,293.51	1,320.34	1.31	-1.26	16.63	
6,305.00	0.20	181.10	6,093.49	264.89	1,294.09	1,320.89	0.79	-0.52	102.92	
6,400.00	0.50	286.00	6,188.49	264.84	1,293.69	1,320.49	0.62	0.32	110.42	
6,495.00	0.60	261.40	6,283.49	264.88	1,292.80	1,319.62	0.27	0.11	-25.89	
6,591.00	0.90	251.90	6,379.48	264.57	1,291.58	1,318.37	0.34	0.31	-9.90	
6,686.00	1.80	247.80	6,474.45	263.77	1,289.49	1,316.17	0.95	0.95	-4.32	
6,781.00	1.30	117.50	6,569.44	262.71	1,289.07	1,315.54	2.97	-0.53	-137.16	
6,877.00	0.70	109.00	6,665.42	262.02	1,290.59	1,316.90	0.64	-0.63	-8.85	
6,972.00	0.70	171.90	6,760.42	261.25	1,291.22	1,317.37	0.77	0.00	66.21	
7,068.00	1.10	156.70	6,856.40	259.82	1,291.67	1,317.53	0.48	0.42	-15.83	
7,163.00	0.90	212.90	6,951.39	258.36	1,291.62	1,317.20	1.01	-0.21	59.16	
7,258.00	1.20	222.10	7,046.38	257.00	1,290.55	1,315.89	0.36	0.32	9.68	
7,354.00	1.50	227.20	7,142.35	255.40	1,288.95	1,314.01	0.34	0.31	5.31	
7,449.00	1.90	222.50	7,237.31	253.39	1,286.98	1,311.68	0.45	0.42	-4.95	
7,544.00	2.10	233.80	7,332.25	251.20	1,284.51	1,308.84	0.46	0.21	11.89	
7,640.00	2.10	211.60	7,428.19	248.66	1,282.17	1,306.05	0.84	0.00	-23.13	
7,733.00	1.80	217.80	7,521.13	246.06	1,280.38	1,303.79	0.39	-0.32	6.67	
7,780.00	1.80	217.80	7,568.11	244.89	1,279.47	1,302.67	0.00	0.00	0.00	

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name		Casing Diameter (ft)	Hole Diameter (ft)
800.00	799.97	9 5/8"		0.80	1.02

Survey Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
4,302.00	4,123.81	203.02	1,017.47	As of Sep 24	
7,780.00	7,568.11	244.89	1,279.47	Proj to TD @ 7780' MD	

Checked By: _____	Approved By: _____	Date: _____
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<b>SDI Job #:</b>	20100917	<b>Report Time:</b>	2400	1 of 4
<b>COMPANY:</b>	BILL BARRETT CORP	<b>API JOB #</b>		
<b>LOCATION:</b>	Silt	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Patterson 307	<b>FIELD:</b>	Mamm Creek	
<b>STATE:</b>	Colorado	<b>Sec-Twn-Rng:</b>	T6S	
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		R91W
<b>WELL NAME:</b>	MDP 3 PAD, GGU Barge Fed 32C-32-691			

From Thursday, September 23, 2010 at 0000 to Thursday, September 23, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters								
Start Depth	835.00	Rotary Hours	7.50	WOB	28	Pick UP	0	Slack Off	0	SPM		
End Depth	3511.00	Circulating Hours	0.50	RAB	0	SPP	2350	FlowRate	0 - 357	140		
Total Drilled:	2676.00	Avg. Total ROP:	267.60	Mud Data								
Total Rotary Drilled:	2363.00	Avg. Rotary ROP:	315.07	Type				PV	18	SOLID	4	
Total Drilled Sliding:	313.00	Avg. Slide ROP:	125.20	Weight	8.9	GAS	0	YP	11	BHT°	0	
Slide Hours:	2.50	Percent Rotary:	88.30	Viscosity	41	SAND	0.1	PH	9.1	Flow T°	0	
Below Rotary Hrs.	14.25	Percent Slide:	11.70	Chlorides	800	WL	4.8			Oil %	0	
PERSONNEL				Casing					BHA			
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth		BHA # 1:FXD56M, 5x14, 6.5 Mtr., 7/8, 3.3, .16 rev., HR, FB, UBHO, 6.5" Monel Gap Sub, 6.5" Monel, 39 Jts. HWDP,				
Second Directional :	Jason Cook			Signature:								
MWD Operator1	Paul Loehr											
MWD Operator2												
Directional Company:	Sharewell											
Geologist:												
Company Man:	Doug Miller											
Incl. In:	0.69	Azm. In:	182.31	Incl. Out:	19.1	Azm. Out:	80.5					

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
23-Sep-10	09:45	10:30	0.75	835	835	Change BHA	P/U Bit & MWD tools
23-Sep-10	10:30	11:00	0.50	835	835	TIH	TIH
23-Sep-10	11:00	11:15	0.25	835	835	Drilling Cement	
23-Sep-10	11:15	11:40	0.42	835	929	Drilling	Drilling
23-Sep-10	11:40	11:45	0.08	929	929	Survey & Conn.	Survey & Conn.
23-Sep-10	11:45	11:50	0.08	929	951	Sliding	Sliding
23-Sep-10	11:50	12:00	0.17	951	1021	Drilling	Drilling - (WOB:25;GPM :357;RPM:42)
23-Sep-10	12:00	12:05	0.08	1021	1021	Survey & Conn.	Survey & Conn.
23-Sep-10	12:05	12:10	0.08	1021	1046	Sliding	Sliding - (WOB:25;GPM :357;TFO:0)
23-Sep-10	12:10	12:20	0.17	1046	1113	Drilling	Drilling - (WOB:25;GPM :357;RPM:42)
23-Sep-10	12:20	12:25	0.08	1113	1113	Survey & Conn.	Survey & Conn.
23-Sep-10	12:25	12:35	0.17	1113	1139	Sliding	Sliding - (WOB:25;GPM :357;TFO:0)
23-Sep-10	12:35	12:45	0.17	1139	1205	Drilling	Drilling - (WOB:25;GPM :357;RPM:42)
23-Sep-10	12:45	12:50	0.08	1205	1205	Survey & Conn.	Survey & Conn.
23-Sep-10	12:50	13:00	0.17	1205	1188	Sliding	Sliding - (WOB:25;GPM :357;TFO:0)
23-Sep-10	13:00	13:10	0.17	1188	1297	Drilling	Drilling - (WOB:25;GPM :357;RPM:42)
23-Sep-10	13:10	13:15	0.08	1297	1297	Survey & Conn.	Survey & Conn.



Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
23-Sep-10	13:15	13:25	0.17	1297	1322	Sliding	Sliding - (WOB:25;GPM :357;TFO:0)
23-Sep-10	13:25	13:35	0.17	1322	1393	Drilling	Drilling - (WOB:25;GPM :357;RPM:42)
23-Sep-10	13:35	13:40	0.08	1393	1393	Survey & Conn.	Survey & Conn.
23-Sep-10	13:40	13:50	0.17	1393	1418	Sliding	Sliding - (WOB:25;GPM :357;TFO:0)
23-Sep-10	13:50	14:00	0.17	1418	1488	Drilling	Drilling - (WOB:25;GPM :357;RPM:42)
23-Sep-10	14:00	14:05	0.08	1488	1488	Survey & Conn.	Survey & Conn.
23-Sep-10	14:05	14:15	0.17	1488	1513	Sliding	Sliding - (WOB:25;GPM :357;TFO:0)
23-Sep-10	14:15	14:25	0.17	1513	1584	Drilling	Drilling - (WOB:25;GPM :357;RPM:42)
23-Sep-10	14:25	14:30	0.08	1584	1584	Survey & Conn.	Survey & Conn.
23-Sep-10	14:30	14:40	0.17	1584	1609	Sliding	Sliding - (WOB:25;GPM :357;TFO:0)
23-Sep-10	14:40	14:55	0.25	1609	1679	Drilling	Drilling - (WOB:25;GPM :357;RPM:42)
23-Sep-10	14:55	15:00	0.08	1679	1679	Survey & Conn.	Survey & Conn.
23-Sep-10	15:00	15:05	0.08	1679	1694	Sliding	Sliding - (WOB:25;GPM :357;TFO:0)
23-Sep-10	15:05	15:20	0.25	1694	1775	Drilling	Drilling - (WOB:25;GPM :357;RPM:42)
23-Sep-10	15:20	15:25	0.08	1775	1775	Survey & Conn.	Survey & Conn.
23-Sep-10	15:25	15:30	0.08	1775	1785	Sliding	Sliding - (WOB:25;GPM :357;TFO:0)
23-Sep-10	15:30	15:45	0.25	1785	1870	Drilling	Drilling - (WOB:25;GPM :357;RPM:42)
23-Sep-10	15:45	15:50	0.08	1870	1870	Survey & Conn.	Survey & Conn.
23-Sep-10	15:50	15:55	0.08	1870	1880	Sliding	Sliding - (WOB:25;GPM :357;TFO:0)
23-Sep-10	15:55	16:10	0.25	1880	1965	Drilling	Drilling - (WOB:25;GPM :357;RPM:48)
23-Sep-10	16:10	16:40	0.50	1965	1965	Rig Service-Inhole	Rig Service-Inhole
23-Sep-10	16:40	16:50	0.17	1965	1965	Survey & Conn.	Survey & Conn.
23-Sep-10	16:50	16:55	0.08	1965	1975	Sliding	Sliding - (WOB:25;GPM :357;TFO:0)
23-Sep-10	16:55	17:10	0.25	1975	2061	Drilling	Drilling - (WOB:25;GPM :357;RPM:48)
23-Sep-10	17:10	17:15	0.08	2061	2061	Survey & Conn.	Survey & Conn.
23-Sep-10	17:15	17:20	0.08	2061	2076	Sliding	Sliding - (WOB:25;GPM :357;TFO:0)
23-Sep-10	17:20	17:35	0.25	2076	2156	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	17:35	17:40	0.08	2156	2156	Survey & Conn.	Survey & Conn.
23-Sep-10	17:40	17:55	0.25	2156	2251	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	17:55	18:00	0.08	2251	2251	Survey & Conn.	Survey & Conn.
23-Sep-10	18:00	18:20	0.33	2251	2346	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	18:20	18:25	0.08	2346	2346	Survey & Conn.	Survey & Conn.
23-Sep-10	18:25	18:40	0.25	2346	2442	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	18:40	18:45	0.08	2442	2442	Survey & Conn.	Survey & Conn.
23-Sep-10	18:45	19:00	0.25	2442	2537	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	19:00	19:05	0.08	2537	2537	Survey & Conn.	Survey & Conn.
23-Sep-10	19:05	19:15	0.17	2537	2557	Sliding	Sliding - (WOB:28;GPM :357;TFO:0)
23-Sep-10	19:15	19:25	0.17	2557	2632	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	19:25	19:30	0.08	2632	2632	Survey & Conn.	Survey & Conn.
23-Sep-10	19:30	19:40	0.17	2632	2653	Sliding	Sliding - (WOB:28;GPM :357;TFO:0)
23-Sep-10	19:40	19:50	0.17	2653	2727	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	19:50	19:55	0.08	2727	2727	Survey & Conn.	Survey & Conn.
23-Sep-10	19:55	20:10	0.25	2727	2823	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	20:10	20:15	0.08	2823	2823	Survey & Conn.	Survey & Conn.
23-Sep-10	20:15	20:25	0.17	2823	2841	Sliding	Sliding - (WOB:28;GPM :357;TFO:0)
23-Sep-10	20:25	20:40	0.25	2841	2918	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	20:40	20:45	0.08	2918	2918	Survey & Conn.	Survey & Conn.
23-Sep-10	20:45	21:00	0.25	2918	3014	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
23-Sep-10	21:00	21:10	0.17	3014	3014	Survey & Conn.	Survey & Conn.
23-Sep-10	21:10	21:30	0.33	3014	3109	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	21:30	21:35	0.08	3109	3109	Survey & Conn.	Survey & Conn.
23-Sep-10	21:35	22:05	0.50	3109	3204	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	22:05	22:10	0.08	3204	3204	Survey & Conn.	Survey & Conn.
23-Sep-10	22:10	22:30	0.33	3204	3300	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	22:30	22:35	0.08	3300	3300	Survey & Conn.	Survey & Conn.
23-Sep-10	22:35	22:45	0.17	3300	3318	Sliding	Sliding - (WOB:28;GPM :357;TFO:0)
23-Sep-10	22:45	23:00	0.25	3318	3395	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	23:00	23:05	0.08	3395	3395	Survey & Conn.	Survey & Conn.
23-Sep-10	23:05	23:40	0.58	3395	3491	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
23-Sep-10	23:40	23:45	0.08	3491	3491	Survey & Conn.	Survey & Conn.
23-Sep-10	23:45	24:00	0.25	3491	3511	Sliding	Sliding - (WOB:28;GPM :357;TFO:0)



<b>SDI Job #:</b>	20100917	<b>Report Time:</b>	2400	2 of 4
<b>COMPANY:</b>	BILL BARRETT CORP	<b>API JOB #</b>		
<b>LOCATION:</b>	Silt	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Patterson 307	<b>FIELD:</b>	Mamm Creek	
<b>STATE:</b>	Colorado	<b>Sec-Twn-Rng:</b>	T6S	
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		R91W
<b>WELL NAME:</b>	MDP 3 PAD, GGU Barge Fed 32C-32-691			

From Friday, September 24, 2010 at 0000 to Friday, September 24, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	3511.00	Rotary Hours	12.08	WOB	28	Pick UP	0	Slack Off	0	SPM	
End Depth	5779.00	Circulating Hours	0.33	RAB	0	SPP	3150	FlowRate	357 - 555	140	
Total Drilled:	2268.00	Avg. Total ROP:	143.24	Mud Data							
Total Rotary Drilled:	1998.00	Avg. Rotary ROP:	165.35	Type				PV	20	SOLID	6
Total Drilled Sliding:	270.00	Avg. Slide ROP:	72.00	Weight	9.45	GAS	0	YP	15	BHT°	0
Slide Hours:	3.75	Percent Rotary:	88.10	Viscosity	45	SAND	0.2	PH	9.6	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	11.90	Chlorides	800	WL	5.6			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth		BHA # 2:Q505FX 3x14, 2x15, 6.5 Mtr., 7/8, 3.3, .16 rev., HR, FB, UBHO, 6.5" Monel , Gap Sub, 6.5" Monel, 39 Jts. HWDP,			
Second Directional :	Jason Cook			Signature:							
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:											
Company Man:	Doug Miller										
Incl. In:	19.1	Azm. In:	80.5	Incl. Out:	2	Azm. Out:	125.5				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Sep-10	00:00	00:25	0.42	3511	3586	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
24-Sep-10	00:25	00:30	0.08	3586	3586	Survey & Conn.	Survey & Conn.
24-Sep-10	00:30	00:40	0.17	3586	3603	Sliding	Sliding - (WOB:28;GPM :357;TFO:0)
24-Sep-10	00:40	00:55	0.25	3603	3681	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
24-Sep-10	00:55	01:00	0.08	3681	3681	Survey & Conn.	Survey & Conn.
24-Sep-10	01:00	01:25	0.42	3681	3777	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
24-Sep-10	01:25	01:30	0.08	3777	3777	Survey & Conn.	Survey & Conn.
24-Sep-10	01:30	01:40	0.17	3777	3797	Sliding	Sliding - (WOB:28;GPM :357;TFO:0)
24-Sep-10	01:40	01:55	0.25	3797	3872	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
24-Sep-10	01:55	02:00	0.08	3872	3872	Survey & Conn.	Survey & Conn.
24-Sep-10	02:00	02:10	0.17	3872	3888	Sliding	Sliding - (WOB:28;GPM :357;TFO:0)
24-Sep-10	02:10	02:30	0.33	3888	3967	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
24-Sep-10	02:30	02:35	0.08	3967	3967	Survey & Conn.	Survey & Conn.
24-Sep-10	02:35	03:05	0.50	3967	4063	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
24-Sep-10	03:05	03:10	0.08	4063	4063	Survey & Conn.	Survey & Conn.
24-Sep-10	03:10	03:40	0.50	4063	4158	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
24-Sep-10	03:40	03:50	0.17	4158	4158	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Sep-10	03:50	04:05	0.25	4158	4175	Sliding	Sliding - (WOB:28;GPM :357;TFO:0)
24-Sep-10	04:05	04:35	0.50	4175	4253	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
24-Sep-10	04:35	04:40	0.08	4253	4253	Survey & Conn.	Survey & Conn.
24-Sep-10	04:40	04:55	0.25	4253	4273	Sliding	Sliding - (WOB:28;GPM :357;TFO:0)
24-Sep-10	04:55	05:15	0.33	4273	4349	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
24-Sep-10	05:15	05:20	0.08	4349	4349	Survey & Conn.	Survey & Conn.
24-Sep-10	05:20	05:35	0.25	4349	4372	Sliding	Sliding - (WOB:28;GPM :357;TFO:0)
24-Sep-10	05:35	06:00	0.42	4372	4444	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
24-Sep-10	06:00	06:05	0.08	4444	4444	Survey & Conn.	Survey & Conn.
24-Sep-10	06:05	06:25	0.33	4444	4472	Sliding	Sliding - (WOB:28;GPM :357;TFO:0)
24-Sep-10	06:25	06:55	0.50	4472	4539	Drilling	Drilling - (WOB:28;GPM :357;RPM:48)
24-Sep-10	06:55	07:00	0.08	4539	4539	Survey & Conn.	Survey & Conn.
24-Sep-10	07:00	07:15	0.25	4539	4556	Sliding	Sliding - (WOB:28;GPM :555;TFO:0)
24-Sep-10	07:15	07:40	0.42	4556	4635	Drilling	Drilling - (WOB:28;GPM :555;RPM:48)
24-Sep-10	07:40	07:45	0.08	4635	4635	Survey & Conn.	Survey & Conn.
24-Sep-10	07:45	08:00	0.25	4635	4650	Sliding	Sliding - (WOB:28;GPM :555;TFO:0)
24-Sep-10	08:00	08:35	0.58	4650	4730	Drilling	Drilling - (WOB:28;GPM :555;RPM:48)
24-Sep-10	08:35	08:40	0.08	4730	4730	Survey & Conn.	Survey & Conn.
24-Sep-10	08:40	08:55	0.25	4730	4745	Sliding	Sliding - (WOB:28;GPM :555;TFO:0)
24-Sep-10	08:55	09:25	0.50	4745	4825	Drilling	Drilling - (WOB:28;GPM :555;RPM:48)
24-Sep-10	09:25	09:30	0.08	4825	4825	Survey & Conn.	Survey & Conn.
24-Sep-10	09:30	09:45	0.25	4825	4857	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
24-Sep-10	09:45	09:50	0.08	4857	4862	Sliding	Sliding - (WOB:28;GPM :555;TFO:0)
24-Sep-10	09:50	10:15	0.42	4862	4921	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
24-Sep-10	10:15	10:20	0.08	4921	4921	Survey & Conn.	Survey & Conn.
24-Sep-10	10:20	10:35	0.25	4921	4955	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
24-Sep-10	10:35	10:40	0.08	4955	4965	Sliding	Sliding - (WOB:28;GPM :555;TFO:0)
24-Sep-10	10:40	11:10	0.50	4965	5016	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
24-Sep-10	11:10	11:15	0.08	5016	5016	Survey & Conn.	Survey & Conn.
24-Sep-10	11:15	11:25	0.17	5016	5026	Sliding	Sliding - (WOB:28;GPM :555;TFO:0)
24-Sep-10	11:25	12:00	0.58	5026	5112	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
24-Sep-10	12:00	12:05	0.08	5112	5112	Survey & Conn.	Survey & Conn.
24-Sep-10	12:05	12:25	0.33	5112	5129	Sliding	Sliding - (WOB:28;GPM :555;TFO:0)
24-Sep-10	12:25	12:55	0.50	5129	5207	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
24-Sep-10	12:55	13:00	0.08	5207	5207	Survey & Conn.	Survey & Conn.
24-Sep-10	13:00	13:25	0.42	5207	5227	Sliding	Sliding - (WOB:28;GPM :555;TFO:0)
24-Sep-10	13:25	13:50	0.42	5227	5302	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
24-Sep-10	13:50	14:10	0.33	5302	5302	Rig Service-Inhole	Rig Service-Inhole
24-Sep-10	14:10	14:15	0.08	5302	5302	Survey & Conn.	Survey & Conn.
24-Sep-10	14:15	14:35	0.33	5302	5322	Sliding	Sliding - (WOB:28;GPM :555;TFO:0)
24-Sep-10	14:35	15:10	0.58	5322	5398	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
24-Sep-10	15:10	15:15	0.08	5398	5398	Survey & Conn.	Survey & Conn.
24-Sep-10	15:15	15:50	0.58	5398	5493	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
24-Sep-10	15:50	15:55	0.08	5493	5493	Survey & Conn.	Survey & Conn.
24-Sep-10	15:55	16:35	0.67	5493	5588	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
24-Sep-10	16:35	16:40	0.08	5588	5588	Survey & Conn.	Survey & Conn.
24-Sep-10	16:40	17:20	0.67	5588	5684	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
24-Sep-10	17:20	17:25	0.08	5684	5684	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
24-Sep-10	17:25	18:10	0.75	5684	5779	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
24-Sep-10	18:10	18:15	0.08	5779	5779	Survey & Conn.	Survey & Conn.
24-Sep-10	18:15	21:30	3.25	5779	5779	POOH	POOH
24-Sep-10	21:30	22:00	0.50	5779	5779	Change BHA	Change BHA
24-Sep-10	22:00	24:00	2.00	5779	5779	TIH	TIH



Bill Barrett Corporation

<b>SDI Job #:</b>	20100917	<b>Report Time:</b>	2400	3 of 4
<b>COMPANY:</b>	BILL BARRETT CORP	<b>API JOB #</b>		
<b>LOCATION:</b>	Silt	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Patterson 307	<b>FIELD:</b>	Mamm Creek	
<b>STATE:</b>	Colorado	<b>Sec-Twn-Rng:</b>	T6S	
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		R91W
<b>WELL NAME:</b>	MDP 3 PAD, GGU Barge Fed 32C-32-691			

From Saturday, September 25, 2010 at 0000 to Saturday, September 25, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	5779.00	Rotary Hours	16.83	WOB	30	Pick UP	0	Slack Off	0	SPM	
End Depth	7780.00	Circulating Hours	1.00	RAB	0	SPP	3450	FlowRate	515 - 555	130	
Total Drilled:	2001.00	Avg. Total ROP:	112.73	Mud Data							
Total Rotary Drilled:	1953.00	Avg. Rotary ROP:	116.02	Type				PV	20	SOLID	6
Total Drilled Sliding:	48.00	Avg. Slide ROP:	52.36	Weight	10.3	GAS	0	YP	15	BHT°	0
Slide Hours:	0.92	Percent Rotary:	97.60	Viscosity	45	SAND	0.2	PH	9.3	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	2.40	Chlorides	800	WL	5.6			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth		BHA # 2:Q505FX 3x14, 2x15, 6.5 Mtr., 7/8, 3.3, .16 rev., HR, FB, UBHO, 6.5" Monel , Gap Sub, 6.5" Monel, 39 Jts. HWDP,			
Second Directional :	Jason Cook			Signature:							
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:											
Company Man:	Doug Miller										
Incl. In:	2	Azm. In:	125.5	Incl. Out:	1.8	Azm. Out:	217.8				

## GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
25-Sep-10	00:00	01:45	1.75	5779	5779	TIH	TIH
25-Sep-10	01:45	02:40	0.92	5779	5818	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
25-Sep-10	02:40	02:55	0.25	5818	5833	Sliding	Sliding - (WOB:28;GPM :555;TFO:0)
25-Sep-10	02:55	03:25	0.50	5833	5874	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
25-Sep-10	03:25	03:30	0.08	5874	5874	Survey & Conn.	Survey & Conn.
25-Sep-10	03:30	03:45	0.25	5874	5889	Sliding	Sliding - (WOB:28;GPM :555;TFO:0)
25-Sep-10	03:45	04:25	0.67	5889	5970	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
25-Sep-10	04:25	04:40	0.25	5970	5970	Survey & Conn.	Survey & Conn.
25-Sep-10	04:40	05:20	0.67	5970	6065	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
25-Sep-10	05:20	05:30	0.17	6065	6065	Survey & Conn.	Survey & Conn.
25-Sep-10	05:30	06:05	0.58	6065	6161	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
25-Sep-10	06:05	06:10	0.08	6161	6161	Survey & Conn.	Survey & Conn.
25-Sep-10	06:10	06:50	0.67	6161	6256	Drilling	Drilling - (WOB:28;GPM :555;RPM:46)
25-Sep-10	06:50	06:55	0.08	6256	6256	Survey & Conn.	Survey & Conn.
25-Sep-10	06:55	07:30	0.58	6256	6352	Drilling	Drilling - (WOB:28;GPM :555;RPM:47)
25-Sep-10	07:30	07:35	0.08	6352	6352	Survey & Conn.	Survey & Conn.
25-Sep-10	07:35	08:10	0.58	6352	6447	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)



Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
25-Sep-10	08:10	08:15	0.08	6447	6447	Survey & Conn.	Survey & Conn.
25-Sep-10	08:15	08:55	0.67	6447	6542	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	08:55	09:00	0.08	6542	6542	Survey & Conn.	Survey & Conn.
25-Sep-10	09:00	09:40	0.67	6542	6638	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	09:40	09:45	0.08	6638	6638	Survey & Conn.	Survey & Conn.
25-Sep-10	09:45	10:35	0.83	6638	6733	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	10:35	10:40	0.08	6733	6733	Survey & Conn.	Survey & Conn.
25-Sep-10	10:40	11:05	0.42	6733	6751	Sliding	Sliding - (WOB:28;GPM :555;TFO:0)
25-Sep-10	11:05	11:40	0.58	6751	6828	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	11:40	11:45	0.08	6828	6828	Survey & Conn.	Survey & Conn.
25-Sep-10	11:45	12:30	0.75	6828	6924	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	12:30	12:35	0.08	6924	6924	Survey & Conn.	Survey & Conn.
25-Sep-10	12:35	13:20	0.75	6924	7019	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	13:20	13:25	0.08	7019	7019	Survey & Conn.	Survey & Conn.
25-Sep-10	13:25	14:30	1.08	7019	7115	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	14:30	14:35	0.08	7115	7115	Survey & Conn.	Survey & Conn.
25-Sep-10	14:35	15:35	1.00	7115	7210	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	15:35	15:40	0.08	7210	7210	Survey & Conn.	Survey & Conn.
25-Sep-10	15:40	16:25	0.75	7210	7305	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	16:25	16:30	0.08	7305	7305	Survey & Conn.	Survey & Conn.
25-Sep-10	16:30	17:20	0.83	7305	7401	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	17:20	17:40	0.33	7401	7401	Survey & Conn.	Survey & Conn.
25-Sep-10	17:40	18:25	0.75	7401	7496	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	18:25	18:30	0.08	7496	7496	Survey & Conn.	Survey & Conn.
25-Sep-10	18:30	19:45	1.25	7496	7591	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	19:45	19:50	0.08	7591	7591	Survey & Conn.	Survey & Conn.
25-Sep-10	19:50	20:55	1.08	7591	7687	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	20:55	21:00	0.08	7687	7687	Survey & Conn.	Survey & Conn.
25-Sep-10	21:00	21:40	0.67	7687	7780	Drilling	Drilling - (WOB:28;GPM :515;RPM:47)
25-Sep-10	21:40	21:45	0.08	7780	7780	MWD Survey	MWD Survey @ TD
25-Sep-10	21:45	22:40	0.92	7780	7780	Circulating	Circulating
25-Sep-10	22:40	24:00	1.33	7780	7780	POOH	POOH



<b>SDI Job #:</b>	20100917	<b>Report Time:</b>	2400	4 of 4
<b>COMPANY:</b>	BILL BARRETT CORP	<b>API JOB #</b>		
<b>LOCATION:</b>	Silt	<b>WORK ORDER#</b>		
<b>RIG NAME:</b>	Patterson 307	<b>FIELD:</b>	Mamm Creek	
<b>STATE:</b>	Colorado	<b>Sec-Twn-Rng:</b>	T6S	
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		R91W
<b>WELL NAME:</b>	MDP 3 PAD, GGU Barge Fed 32C-32-691			

From Sunday, September 26, 2010 at 0000 to Sunday, September 26, 2010 at 2400

DRILLING SUMMARY					Drilling Parameters						
Start Depth	0.00	Rotary Hours	0.00	WOB	0	Pick UP	175	Slack Off	150	SPM	
End Depth	0.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 0	0	
Total Drilled:	0.00	Avg. Total ROP:	NA	Mud Data							
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type				PV	20	SOLID	6
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	10.3	GAS	0	YP	15	BHT°	0
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	45	SAND	0.2	PH	9.6	Flow T°	0
Below Rotary Hrs.	4.00	Percent Slide:	NA	Chlorides	800	WL	5.6			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth		BHA # 2:Q505FX 3x14, 2x15, 6.5 Mtr., 7/8, 3.3, .16 rev., HR, FB, UBHO, 6.5" Monel , Gap Sub, 6.5" Monel, 39 Jts. HWDP,			
Second Directional :	Jason Cook										
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:				Signature:							
Company Man:	Doug Miller										
Incl. In:	1.8	Azm. In:	217.8	Incl. Out:	1.8	Azm. Out:	217.8				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Sep-10	00:00	04:00	4.00	7780	7780	POOH	POOH & L/D Tools



# Well Information

**BHA #** 1



**SDI Job #:** 20100917  
**COMPANY:** BILL BARRETT CORP  
**LOCATION:** Silt  
**RIG NAME:** Patterson 307  
**STATE:** Colorado  
**COUNTY:** Garfield

**FIELD:** Mamm Creek  
**Sec-Twn-Rng:** T6S  
**PO #/ DISTRICT:**  
**Lead DD:** Stan Simms  
**Co. Man:** Doug Miller  
**BHA TYPE:** Steerable Assembly

**WELL NAME:** MDP 3 PAD, GGU Barge Fed 32C-32-691

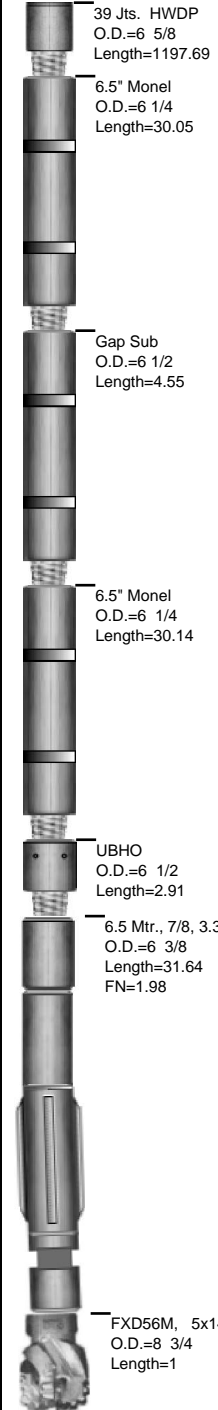
## BHA Summary Information

TIME IN - OUT			Rotary Hours		19.58		Start Depth		835.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		26.67 / .83		End Depth		5779.00				
23-Sep-10 @ 10:30	24-Sep-10 @ 22:00	Slide Hours		6.25		Percent Rotary:		88.21		42 -48	357 -555	
		Below Rotary Hrs.		35.50		Percent Slide:		11.79				
Total Drilled:			4944.00		Avg. Total ROP:		191.38		Incl.		Azimuth	
Total Rotary Drilled:			4361.00		Avg. Rotary ROP:		222.69		IN	OUT	IN	OUT
Total Drilled Sliding:			583.00		Avg. Slide ROP:		93.28		.0	.0	.00	.00
SPP	700 -3150	Weights	SO	0-0	PU	0-0	RAB	0-0	Reason POOH			

Bit Data								Motor Data						Mud Data					
Security		FXD56M, 5x14						6.5 Mtr., 7/8 lb., 3.3 Stg., .16 rev., HR, FB						Type					
Type Bit				PDC				Model: 650			Pad OD			WT 9.45		GAS 0		Solids 6	
TFA		0.751						MFG. Hunting			6 3/4			Vis 45		SAND 0.2		T ° 0	
JETS			14	14	14	14	14	Bend ° 1.83		Stator/Rotor 7/8		PV 20		PH 9.6		Chlor 800			
			0	0	0	0	0	Bit to Bend 6.2		Motor Diff 375		YP 15		WL 5.6		Oil % 0			
Bit Coding				IADC#			Rev/GAL 0.16			<div>Pumps</div> <div>NAME</div> <div>Model</div> <div>Type</div> <div>Liner</div> <div>Stroke</div> <div>Efficiency</div>			BHT°			0			
IR	OR	DL	Loc	BS	G	ODL	NB Stab 0		PUMP1				PUMP1						
0	0						Rotor Jet 0		National			National							
Bit Drop:			475 PSI @ 555 GPM			Sensor Offsets			1600			1600							
Comments				Sensor	47	Sonic	0	Triplex			Triplex								
				Gamma	0	DNCS	830	6.00			6.00								
				Restiv	0	GYRO	0	12.00			12.00								
								91.00			91.00								

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FXD56M, 5x14	11491209		8 3/4	1.00	1.00	4 1/2 REGP
2	6.5 Mtr., 7/8, 3.3, .16 rev., HR, FB	6286		6 3/8	31.64	32.64	4 1/2 XHB
3	UBHO	UB-65-xx-SW	2 3/4	6 1/2	2.91	35.55	4 1/2 XHB
4	6.5" Monel	Aws-650-300-032	3 1/4	6 1/4	30.14	65.69	4 1/2 XHB
5	Gap Sub	G-65-019-SW	3 1/4	6 1/2	4.55	70.24	4 1/2 XHB
6	6.5" Monel	AWS-650300-020	3 1/4	6 1/4	30.05	100.29	4 1/2 XHB
7	39 Jts. HWDP	Rig	2 7/8	6 5/8	1,197.69	1297.98	4 1/2 XHB



# Well Information

**BHA #** 2



**SDI Job #:** 20100917  
**COMPANY:** BILL BARRETT CORP  
**LOCATION:** Silt  
**RIG NAME:** Patterson 307  
**STATE:** Colorado  
**COUNTY:** Garfield

**FIELD:** Mamm Creek  
**Sec-Twn-Rng:** T6S  
**PO #/ DISTRICT:**  
**Lead DD:** Stan Simms  
**Co. Man:** Doug Miller  
**BHA TYPE:** Steerable Assembly

**WELL NAME:** MDP 3 PAD, GGU Barge Fed 32C-32-691

## BHA Summary Information

TIME IN - OUT		Rotary Hours		16.83		Start Depth		5779.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		18.75 / 1.00		End Depth		7780.00			
24-Sep-10 @ 22:00	26-Sep-10 @ 04:00	Slide Hours		.92		Percent Rotary:		97.60		46 -47	515 -555
		Below Rotary Hrs.		30.00		Percent Slide:		2.40			
Total Drilled:		2001.00		Avg. Total ROP:		112.73		Incl.		Azimuth	
Total Rotary Drilled:		1953.00		Avg. Rotary ROP:		116.02		IN	OUT	IN	OUT
Total Drilled Sliding:		48.00		Avg. Slide ROP:		52.36		.0	.0	.00	.00
SPP	3150 -3450	Weights	SO	0-0	PU	0-0	RAB	0-0	Reason POOH		

Bit Data							Motor Data					Mud Data				
BAKER		Q505FX 3x14, 2x15					6.5 1.83 Fixed					Type				
Type Bit				PDC			Model: 650			Pad OD		WT 10.3 GAS 0 Solids 6				
TFA		0.796					MFG. Motor			6 3/4		Vis 45 SAND 0.2 T ° 0				
JETS			14	14	14	15	15	Bend ° 1.83		Stator/Rotor 7/8		PV 20 PH 9.6 Chlor 800				
			0	0	0	0	0	Bit to Bend 6.2		Motor Diff 375		YP 15 WL 5.6 Oil % 0				
Bit Coding				IADC#			Rev/GAL 0.16					BHT° 0				
IR	OR	DL	Loc	BS	G	ODL	NB Stab 0		Pumps		PUMP1		PUMP1			
							Rotor Jet 0		NAME		National		National			
									Model		1600		1600			
Bit Drop:			461 PSI @ 555 GPM				Sensor Offsets			Type		Triplex		Triplex		
Comments				Sensor	47	Sonic	0	Liner		6.00		6.00				
				Gamma	0	DNCS	5779	Stroke		12.00		12.00				
				Restiv	0	GYRO	0	Efficiency		91.00		91.00				

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Q505FX 3x14, 2x15	7127045		7 7/8	1.00	1.00	4 1/2 REGP
2	6.5 Mtr., 7/8, 3.3, .16 rev., HR, FB	6286		6 3/8	31.64	32.64	4 1/2 XHB
3	UBHO	UB-65-xx-SW	2 3/4	6 1/2	2.91	35.55	4 1/2 XHB
4	6.5" Monel	Aws-650-300-032	3 1/4	6 1/4	30.14	65.69	4 1/2 XHB
5	Gap Sub	G-65-019-SW	3 1/4	6 1/2	4.55	70.24	4 1/2 XHB
6	6.5" Monel	AWS-650300-020	3 1/4	6 1/4	30.05	100.29	4 1/2 XHB
7	39 Jts. HWDP	Rig	2 7/8	6 5/8	1,197.69	1297.98	4 1/2 XHB

