



Well Name and Number:

GGU Federal 21B-33-691

Patterson 307
Garfield County, Colorado

Directional Services Provided By:

Sharewell Energy Services, LP





July 19, 2010

Troy Schindler
Drilling Manager

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

Well Reference: **GGU Federal 21B-33-691**
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



Bill Barrett Corp.

Garfield County, Colorado

MDP 2 Pad

GGU Federal 21B-33-691

Wellbore #1

Survey: Surveys

Standard Survey Report

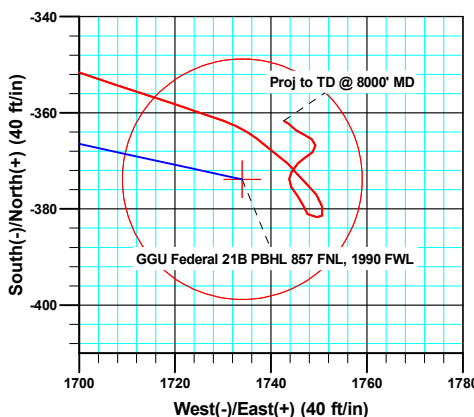
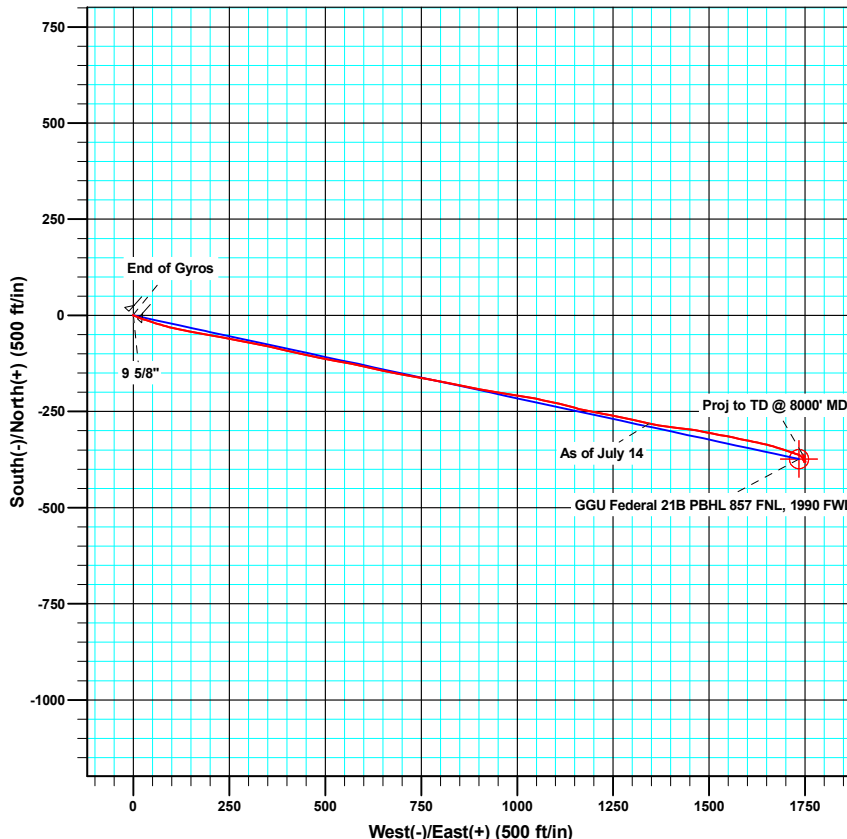
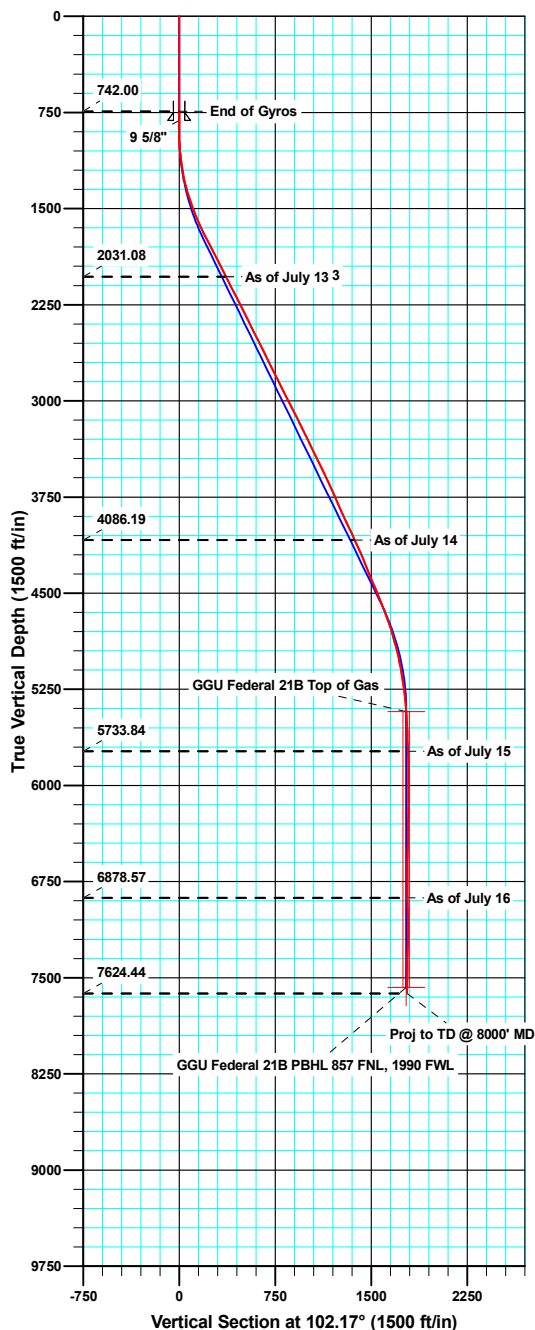
19 July, 2010





WELL DETAILS: GGU Federal 21B-33-691

Ground Level: 6352.00
 North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
 +N/-S +E/-W Northing Easting Latitude Longitude
 0.00 0.00 1610202.73 2416595.84 39.490557 -107.567358



T
M
 Azimuths to True North
 Magnetic North: 10.29°
 Magnetic Field
 Strength: 52450.5snT
 Dip Angle: 65.86°
 Date: 03/31/2010
 Model: IGRF200510

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	Vsect	Departure	Annotation
2031.08	2104.00	27.20	101.90	-82.40	356.03	365.40	368.15	As of July 13
4086.19	4393.00	24.40	102.20	-281.32	1343.25	1372.37	1375.51	As of July 14
5733.84	6109.00	2.10	125.50	-374.74	1747.38	1787.11	1793.49	As of July 15
6878.57	7254.00	1.30	43.00	-370.48	1745.69	1784.56	1817.97	As of July 16
7624.44	8000.00	0.80	298.10	-361.66	1742.70	1779.78	1832.18	Proj to TD @ 8000' MD



Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well GGU Federal 21B-33-691
Project:	Garfield County, Colorado	TVD Reference:	KB @ 6375.00ft
Site:	MDP 2 Pad	MD Reference:	KB @ 6375.00ft
Well:	GGU Federal 21B-33-691	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		MDP 2 Pad			
Site Position:		Northing:	1,610,172.45 usft	Latitude:	39.490473
From:	Lat/Long	Easting:	2,416,581.89 usft	Longitude:	-107.567405
Position Uncertainty:	0.00 ft	Slot Radius:	0.00 ft	Grid Convergence:	-1.30 °

Well	GGU Federal 21B-33-691					
Well Position	+N/-S	0.00 ft	Northing:	1,610,202.72 usft	Latitude:	39.490557
	+E/-W	0.00 ft	Easting:	2,416,595.84 usft	Longitude:	-107.567358
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,352.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	03/31/10	10.29	65.86	52,450

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	102.17	

Survey Program	Date	07/19/10			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
50.00	742.00	Gyro Surveys (Wellbore #1)	MWD	MWD - Standard	
881.00	8,000.00	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)	
742.00	0.15	130.58	742.00	0.46	-0.86	-0.94	0.00	0.00	0.00	
813.80	0.14	222.11	813.80	0.33	-0.85	-0.90	0.28	-0.02	127.48	
9 5/8"										
881.00	0.30	250.00	881.00	0.21	-1.07	-1.09	0.28	0.25	41.51	
973.00	2.50	110.00	972.97	-0.55	0.59	0.69	2.97	2.39	-152.17	
1,065.00	5.40	111.10	1,064.74	-2.80	6.52	6.96	3.15	3.15	1.20	
1,157.00	8.20	111.20	1,156.08	-6.73	16.67	17.72	3.04	3.04	0.11	
1,249.00	11.60	108.70	1,246.70	-12.07	31.56	33.39	3.72	3.70	-2.72	
1,341.00	15.30	107.90	1,336.16	-18.77	51.88	54.67	4.03	4.02	-0.87	
1,437.00	18.30	105.80	1,428.06	-26.77	78.44	82.32	3.19	3.13	-2.19	

Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well GGU Federal 21B-33-691
Project:	Garfield County, Colorado	TVD Reference:	KB @ 6375.00ft
Site:	MDP 2 Pad	MD Reference:	KB @ 6375.00ft
Well:	GGU Federal 21B-33-691	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)
1,532.00	21.10	102.20	1,517.49	-34.44	109.51	114.31	3.21	2.95	-3.79
1,627.00	23.70	100.80	1,605.32	-41.64	144.98	150.50	2.79	2.74	-1.47
1,723.00	26.90	100.50	1,692.10	-49.21	185.30	191.51	3.34	3.33	-0.31
1,818.00	27.40	100.80	1,776.63	-57.22	227.90	234.84	0.55	0.53	0.32
1,913.00	27.20	100.70	1,861.05	-65.35	270.71	278.40	0.22	-0.21	-0.11
2,009.00	27.00	101.30	1,946.51	-73.69	313.64	322.13	0.35	-0.21	0.63
2,104.00	27.20	101.90	2,031.08	-82.40	356.03	365.40	0.36	0.21	0.63
2,200.00	26.60	102.80	2,116.69	-91.68	398.46	408.83	0.76	-0.63	0.94
2,295.00	27.20	102.20	2,201.41	-100.98	440.42	451.81	0.69	0.63	-0.63
2,391.00	26.80	101.40	2,286.95	-109.90	483.08	495.39	0.56	-0.42	-0.83
2,486.00	26.80	100.40	2,371.74	-118.00	525.14	538.21	0.47	0.00	-1.05
2,582.00	26.70	101.50	2,457.47	-126.20	567.56	581.41	0.53	-0.10	1.15
2,677.00	26.50	102.80	2,542.42	-135.16	609.14	623.95	0.65	-0.21	1.37
2,772.00	25.90	102.20	2,627.65	-144.24	650.09	665.89	0.69	-0.63	-0.63
2,868.00	26.50	100.00	2,713.79	-152.39	691.68	708.26	1.19	0.63	-2.29
2,963.00	26.10	99.80	2,798.96	-159.62	733.14	750.32	0.43	-0.42	-0.21
3,058.00	27.20	100.70	2,883.87	-167.21	775.07	792.90	1.23	1.16	0.95
3,154.00	27.20	101.20	2,969.25	-175.55	818.15	836.77	0.24	0.00	0.52
3,249.00	26.30	101.90	3,054.08	-184.10	860.05	879.53	1.00	-0.95	0.74
3,344.00	27.30	99.90	3,138.88	-192.19	902.10	922.35	1.42	1.05	-2.11
3,440.00	26.30	99.70	3,224.57	-199.56	944.76	965.59	1.05	-1.04	-0.21
3,535.00	26.50	99.50	3,309.66	-206.60	986.40	1,007.79	0.23	0.21	-0.21
3,630.00	25.90	98.70	3,394.90	-213.24	1,027.82	1,049.67	0.73	-0.63	-0.84
3,725.00	26.10	102.80	3,480.29	-221.01	1,068.71	1,091.28	1.90	0.21	4.32
3,821.00	25.40	103.20	3,566.76	-230.39	1,109.35	1,132.98	0.75	-0.73	0.42
3,916.00	24.90	104.90	3,652.75	-240.18	1,148.51	1,173.33	0.92	-0.53	1.79
4,012.00	24.00	100.00	3,740.15	-248.77	1,187.27	1,213.03	2.31	-0.94	-5.10
4,107.00	23.60	101.50	3,827.07	-255.92	1,224.93	1,251.36	0.76	-0.42	1.58
4,202.00	25.20	102.60	3,913.59	-264.12	1,263.31	1,290.60	1.75	1.68	1.16
4,297.00	25.90	101.90	3,999.29	-272.81	1,303.35	1,331.57	0.80	0.74	-0.74
4,393.00	24.40	102.20	4,086.19	-281.32	1,343.25	1,372.37	1.57	-1.56	0.31
4,488.00	23.70	97.50	4,172.95	-287.96	1,381.36	1,411.02	2.15	-0.74	-4.95
4,583.00	22.20	97.90	4,260.43	-292.92	1,418.07	1,447.95	1.59	-1.58	0.42
4,679.00	22.00	97.30	4,349.38	-297.70	1,453.87	1,483.95	0.31	-0.21	-0.63
4,774.00	23.50	101.90	4,436.99	-303.87	1,490.06	1,520.63	2.45	1.58	4.84
4,870.00	22.30	100.00	4,525.42	-310.98	1,526.72	1,557.97	1.47	-1.25	-1.98
4,965.00	21.40	101.40	4,613.60	-317.53	1,561.47	1,593.31	1.09	-0.95	1.47
5,060.00	20.00	102.50	4,702.46	-324.48	1,594.32	1,626.89	1.53	-1.47	1.16
5,156.00	17.30	101.30	4,793.41	-330.83	1,624.35	1,657.59	2.84	-2.81	-1.25
5,251.00	15.60	103.50	4,884.52	-336.58	1,650.62	1,684.48	1.91	-1.79	2.32
5,346.00	13.30	107.90	4,976.52	-342.92	1,673.45	1,708.13	2.68	-2.42	4.63
5,442.00	10.70	108.10	5,070.41	-349.08	1,692.43	1,727.98	2.71	-2.71	0.21
5,537.00	8.60	108.60	5,164.06	-354.09	1,707.54	1,743.82	2.21	-2.21	0.53

Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well GGU Federal 21B-33-691
Project:	Garfield County, Colorado	TVD Reference:	KB @ 6375.00ft
Site:	MDP 2 Pad	MD Reference:	KB @ 6375.00ft
Well:	GGU Federal 21B-33-691	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)	
5,632.00	7.30	108.00	5,258.14	-358.22	1,720.02	1,756.88	1.37	-1.37	-0.63	
5,727.00	5.60	110.00	5,352.54	-361.67	1,730.11	1,767.48	1.80	-1.79	2.11	
5,823.00	3.90	129.70	5,448.21	-365.36	1,737.03	1,775.01	2.43	-1.77	20.52	
5,918.00	3.70	127.40	5,543.00	-369.28	1,741.95	1,780.65	0.26	-0.21	-2.42	
6,014.00	1.80	148.80	5,638.89	-372.46	1,745.19	1,784.49	2.22	-1.98	22.29	
6,109.00	2.10	125.50	5,733.84	-374.74	1,747.38	1,787.11	0.88	0.32	-24.53	
6,205.00	1.70	152.20	5,829.79	-377.02	1,749.48	1,789.64	1.00	-0.42	27.81	
6,300.00	1.60	154.40	5,924.75	-379.47	1,750.71	1,791.36	0.12	-0.11	2.32	
6,395.00	1.10	219.20	6,019.73	-381.37	1,750.70	1,791.76	1.59	-0.53	68.21	
6,491.00	0.80	306.30	6,115.72	-381.69	1,749.58	1,790.73	1.38	-0.31	90.73	
6,586.00	0.60	258.20	6,210.71	-381.40	1,748.56	1,789.67	0.63	-0.21	-50.63	
6,682.00	0.80	315.70	6,306.70	-381.02	1,747.60	1,788.65	0.72	0.21	59.90	
6,777.00	1.60	342.30	6,401.68	-379.28	1,746.73	1,787.44	1.00	0.84	28.00	
6,872.00	1.20	309.90	6,496.66	-377.38	1,745.57	1,785.89	0.92	-0.42	-34.11	
6,968.00	1.60	337.90	6,592.63	-375.49	1,744.29	1,784.25	0.81	0.42	29.17	
7,063.00	0.60	356.80	6,687.61	-373.77	1,743.76	1,783.37	1.11	-1.05	19.89	
7,158.00	1.40	31.20	6,782.60	-372.28	1,744.34	1,783.62	1.02	0.84	36.21	
7,254.00	1.30	43.00	6,878.57	-370.48	1,745.69	1,784.56	0.31	-0.10	12.29	
7,349.00	1.10	60.80	6,973.55	-369.25	1,747.22	1,785.79	0.44	-0.21	18.74	
7,444.00	1.10	48.70	7,068.53	-368.20	1,748.70	1,787.02	0.24	0.00	-12.74	
7,540.00	1.00	349.90	7,164.52	-366.77	1,749.25	1,787.25	1.08	-0.10	-61.25	
7,635.00	1.00	311.10	7,259.50	-365.40	1,748.48	1,786.21	0.70	0.00	-40.84	
7,730.00	1.20	289.30	7,354.49	-364.53	1,746.91	1,784.50	0.48	0.21	-22.95	
7,826.00	1.10	310.30	7,450.47	-363.60	1,745.26	1,782.69	0.45	-0.10	21.88	
7,921.00	1.30	310.80	7,545.45	-362.31	1,743.75	1,780.94	0.21	0.21	0.53	
7,953.00	0.80	298.10	7,577.44	-361.97	1,743.28	1,780.41	1.71	-1.56	-39.69	
8,000.00	0.80	298.10	7,624.44	-361.66	1,742.70	1,779.78	0.00	0.00	0.00	

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name		Casing Diameter (ft)	Hole Diameter (ft)
813.80	813.80	9 5/8"		0.80	1.02

Survey Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
2,104.00	2,031.08	-82.40	356.03	As of July 13	
4,393.00	4,086.19	-281.32	1,343.25	As of July 14	
6,109.00	5,733.84	-374.74	1,747.38	As of July 15	
7,254.00	6,878.57	-370.48	1,745.69	As of July 16	
8,000.00	7,624.44	-361.66	1,742.70	Proj to TD @ 8000' MD	

Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well GGU Federal 21B-33-691
Project:	Garfield County, Colorado	TVD Reference:	KB @ 6375.00ft
Site:	MDP 2 Pad	MD Reference:	KB @ 6375.00ft
Well:	GGU Federal 21B-33-691	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Compass VM

Checked By: _____	Approved By: _____	Date: _____
-------------------	--------------------	-------------



SDI Job #:	20100709	Report Time:	2400	1 of 5
COMPANY:	BILL BARRETT CORP	API JOB #	05-045-18900	
LOCATION:	Silt	WORK ORDER#		
RIG NAME:	Patterson 307	FIELD:	Gibson Gulch Unit	
STATE:	Colorado	Sec-Twn-Rng:	T6S	
COUNTY:	Garfield	AFE# & District		R91W
WELL NAME:	MDP 2 Pad, GGU FED 21B-33-691			

From Monday, July 12, 2010 at 0000 to Monday, July 12, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	835.00	Rotary Hours	1.17	WOB	10	Pick UP	75	Slack Off	74	SPM	
End Depth	1204.00	Circulating Hours	0.00	RAB	75	SPP	1400	FlowRate	0 - 555	140	
Total Drilled:	369.00	Avg. Total ROP:	184.50	Mud Data							
Total Rotary Drilled:	259.00	Avg. Rotary ROP:	222.00	Type				PV	0	SOLID	0
Total Drilled Sliding:	110.00	Avg. Slide ROP:	132.00	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.83	Percent Rotary:	70.19	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	6.50	Percent Slide:	29.81	Chlorides	0	WL	0			Oil %	0
PERSONNEL				Casing				BHA			
Lead Directional :	Stan (Hammer) Simms			Size	Lb/ft	Set Depth		BHA # 1:Sec; 8 3/4 FXD56M; 5x13 jets; TFA 0.648, PDM; 6.5; 7/8lobe; 3.3 stg; .16 rev, 6.5" UBHO, 6.5" Monel, 6.5" Gap Sub, 6.5" Monel , 42 Jts. HWDP,			
Second Directional :	Alan Reiser			9 5/8	36	830					
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:				Signature:							
Company Man:	Cecil Crow										
Incl. In:	0.15	Azm. In:	130.58	Incl. Out:	8.2	Azm. Out:	111.2				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
12-Jul-10	12:00	17:30	5.50	0	0	Test BOPS	
12-Jul-10	17:30	19:30	2.00	0	0	Change BHA	Change BHA
12-Jul-10	19:30	20:00	0.50	0	835	TIH	TIH
12-Jul-10	20:00	21:20	1.33	835	835	Other	Drill Cement
12-Jul-10	21:20	21:50	0.50	835	928	Drilling	Other
12-Jul-10	21:50	22:00	0.17	928	928	Survey & Conn.	Survey & Conn.
12-Jul-10	22:00	22:15	0.25	928	963	Sliding	Survey & Conn.
12-Jul-10	22:15	22:20	0.08	963	991	Drilling	Drilling - (WOB:10;GPM :337;RPM:45)
12-Jul-10	22:20	22:25	0.08	991	1001	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
12-Jul-10	22:25	22:30	0.08	1001	1020	Drilling	Drilling - (WOB:10;GPM :337;RPM:45)
12-Jul-10	22:30	22:40	0.17	1020	1020	Survey & Conn.	Survey & Conn.
12-Jul-10	22:40	22:45	0.08	1020	1032	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
12-Jul-10	22:45	22:50	0.08	1032	1052	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
12-Jul-10	22:50	22:55	0.08	1052	1062	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
12-Jul-10	22:55	23:00	0.08	1062	1084	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
12-Jul-10	23:00	23:05	0.08	1084	1091	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
12-Jul-10	23:05	23:10	0.08	1091	1112	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
12-Jul-10	23:10	23:20	0.17	1112	1112	Survey & Conn.	Survey & Conn.
12-Jul-10	23:20	23:25	0.08	1112	1124	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
12-Jul-10	23:25	23:30	0.08	1124	1148	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
12-Jul-10	23:30	23:35	0.08	1148	1160	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
12-Jul-10	23:35	23:40	0.08	1160	1178	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
12-Jul-10	23:40	23:45	0.08	1178	1190	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
12-Jul-10	23:45	23:50	0.08	1190	1204	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
12-Jul-10	23:50	24:00	0.17	1204	1204	Survey & Conn.	Survey & Conn.



SDI Job #:	20100709	Report Time:	2400	2 of 5
COMPANY:	BILL BARRETT CORP	API JOB #	05-045-18900	
LOCATION:	Silt	WORK ORDER#		
RIG NAME:	Patterson 307	FIELD:	Gibson Gulch Unit	
STATE:	Colorado	Sec-Twn-Rng:	T6S	
COUNTY:	Garfield	AFE# & District		R91W
WELL NAME:	MDP 2 Pad, GGU FED 21B-33-691			

From Tuesday, July 13, 2010 at 0000 to Tuesday, July 13, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	1204.00	Rotary Hours	11.28	WOB	30	Pick UP	75	Slack Off	74	SPM	
End Depth	4259.00	Circulating Hours	0.17	RAB	75	SPP	3200	FlowRate	476 - 555	140	
Total Drilled:	3055.00	Avg. Total ROP:	198.16	Mud Data							
Total Rotary Drilled:	2611.00	Avg. Rotary ROP:	231.40	Type				PV	15	SOLID	6
Total Drilled Sliding:	444.00	Avg. Slide ROP:	107.42	Weight	9.4	GAS	0	YP	12	BHT°	0
Slide Hours:	4.13	Percent Rotary:	85.47	Viscosity	44	SAND	0.1	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	14.53	Chlorides	1100	WL	4.4			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth		BHA # 1:Sec; 8 3/4 FXD56M; 5x13 jets; TFA 0.648, PDM; 6.5; 7/8lobe; 3.3 stg; .16 rev, 6.5" UBHO, 6.5" Monel, 6.5" Gap Sub, 6.5" Monel , 42 Jts. HWDP,			
Second Directional :	Alan Rieser			9 5/8	36	830					
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:				Signature:							
Company Man:	Cecil Crow										
Incl. In:	8.2	Azm. In:	111.2	Incl. Out:	25.2	Azm. Out:	102.6				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Jul-10	00:00	00:05	0.08	1204	1219	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	00:05	00:10	0.08	1219	1234	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	00:10	00:15	0.08	1234	1248	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	00:15	00:20	0.08	1248	1266	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	00:20	00:25	0.08	1266	1280	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	00:25	00:30	0.08	1280	1296	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	00:30	00:35	0.08	1296	1296	Survey & Conn.	Survey & Conn.
13-Jul-10	00:35	00:40	0.08	1296	1308	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	00:40	00:45	0.08	1308	1328	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	00:45	00:50	0.08	1328	1340	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	00:50	00:55	0.08	1340	1359	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	00:55	01:00	0.08	1359	1370	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	01:00	01:05	0.08	1370	1388	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	01:05	01:10	0.08	1388	1388	Survey & Conn.	Survey & Conn.
13-Jul-10	01:10	01:15	0.08	1388	1400	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	01:15	01:20	0.08	1400	1422	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	01:20	01:25	0.08	1422	1434	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Jul-10	01:25	01:30	0.08	1434	1453	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	01:30	01:35	0.08	1453	1465	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	01:35	01:40	0.08	1465	1484	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	01:40	01:45	0.08	1484	1484	Survey & Conn.	Survey & Conn.
13-Jul-10	01:45	01:50	0.08	1484	1496	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	01:50	01:55	0.08	1496	1516	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	01:55	02:00	0.08	1516	1528	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	02:00	02:05	0.08	1528	1548	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	02:05	02:10	0.08	1548	1560	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	02:10	02:15	0.08	1560	1579	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	02:15	02:20	0.08	1579	1579	Survey & Conn.	Survey & Conn.
13-Jul-10	02:20	02:25	0.08	1579	1591	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	02:25	02:30	0.08	1591	1613	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	02:30	02:35	0.08	1613	1625	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	02:35	02:40	0.08	1625	1645	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	02:40	02:45	0.08	1645	1657	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	02:45	02:55	0.17	1657	1674	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	02:55	03:00	0.08	1674	1674	Survey & Conn.	Survey & Conn.
13-Jul-10	03:00	03:05	0.08	1674	1686	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	03:05	03:15	0.17	1686	1707	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	03:15	03:20	0.08	1707	1719	Sliding	Sliding - (WOB:10;GPM :476;TFO:0)
13-Jul-10	03:20	03:30	0.17	1719	1770	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	03:30	03:35	0.08	1770	1770	Survey & Conn.	Survey & Conn.
13-Jul-10	03:35	04:00	0.42	1770	1865	Drilling	Drilling - (WOB:10;GPM :555;RPM:45)
13-Jul-10	04:00	04:05	0.08	1865	1865	Survey & Conn.	Survey & Conn.
13-Jul-10	04:05	04:30	0.42	1865	1960	Drilling	Drilling - (WOB:22;GPM :555;RPM:45)
13-Jul-10	04:30	04:35	0.08	1960	1960	Survey & Conn.	Survey & Conn.
13-Jul-10	04:35	04:55	0.33	1960	2056	Drilling	Drilling - (WOB:22;GPM :555;RPM:45)
13-Jul-10	04:55	05:00	0.08	2056	2056	Survey & Conn.	Survey & Conn.
13-Jul-10	05:00	05:20	0.33	2056	2151	Drilling	Drilling - (WOB:22;GPM :555;RPM:45)
13-Jul-10	05:20	05:25	0.08	2151	2151	Survey & Conn.	Survey & Conn.
13-Jul-10	05:25	05:45	0.33	2151	2247	Drilling	Drilling - (WOB:22;GPM :555;RPM:45)
13-Jul-10	05:45	05:50	0.08	2247	2247	Survey & Conn.	Survey & Conn.
13-Jul-10	05:50	05:58	0.13	2247	2260	Sliding	Sliding - (WOB:10;GPM :555;TFO:0)
13-Jul-10	05:58	06:18	0.33	2260	2342	Drilling	Drilling - (WOB:22;GPM :555;RPM:45)
13-Jul-10	06:18	06:23	0.08	2342	2342	Survey & Conn.	Survey & Conn.
13-Jul-10	06:23	06:29	0.10	2342	2350	Sliding	Sliding - (WOB:10;GPM :555;TFO:50L)
13-Jul-10	06:29	06:46	0.28	2350	2438	Drilling	Drilling - (WOB:22;GPM :555;RPM:45)
13-Jul-10	06:46	06:51	0.08	2438	2438	Survey & Conn.	Survey & Conn.
13-Jul-10	06:51	07:11	0.33	2438	2533	Drilling	Drilling - (WOB:22;GPM :555;RPM:45)
13-Jul-10	07:11	07:16	0.08	2533	2533	Survey & Conn.	Survey & Conn.
13-Jul-10	07:16	07:37	0.35	2533	2629	Drilling	Drilling - (WOB:22;GPM :555;RPM:45)
13-Jul-10	07:37	07:42	0.08	2629	2629	Survey & Conn.	Survey & Conn.
13-Jul-10	07:42	08:00	0.30	2629	2724	Drilling	Drilling - (WOB:22;GPM :555;RPM:45)
13-Jul-10	08:00	08:05	0.08	2724	2724	Survey & Conn.	Survey & Conn.
13-Jul-10	08:05	08:09	0.07	2724	2732	Sliding	Sliding - (WOB:10;GPM :555;TFO:105L)
13-Jul-10	08:09	08:30	0.35	2732	2819	Drilling	Drilling - (WOB:22;GPM :555;RPM:45)
13-Jul-10	08:30	08:35	0.08	2819	2819	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Jul-10	08:35	08:45	0.17	2819	2832	Sliding	Sliding - (WOB:10;GPM :555;TFO:90L)
13-Jul-10	08:45	09:05	0.33	2832	2915	Drilling	Drilling - (WOB:22;GPM :555;RPM:45)
13-Jul-10	09:05	09:10	0.08	2915	2915	Survey & Conn.	Survey & Conn.
13-Jul-10	09:10	09:40	0.50	2915	3010	Drilling	Drilling - (WOB:22;GPM :555;RPM:48)
13-Jul-10	09:40	09:45	0.08	3010	3010	Survey & Conn.	Survey & Conn.
13-Jul-10	09:45	09:55	0.17	3010	3022	Sliding	Sliding - (WOB:25;GPM :555;TFO:90L)
13-Jul-10	09:55	10:10	0.25	3022	3105	Drilling	Drilling - (WOB:22;GPM :555;RPM:48)
13-Jul-10	10:10	10:15	0.08	3105	3105	Survey & Conn.	Survey & Conn.
13-Jul-10	10:15	10:35	0.33	3105	3201	Drilling	Drilling - (WOB:22;GPM :555;RPM:48)
13-Jul-10	10:35	10:40	0.08	3201	3201	Survey & Conn.	Survey & Conn.
13-Jul-10	10:40	11:00	0.33	3201	3296	Drilling	Drilling - (WOB:22;GPM :555;RPM:48)
13-Jul-10	11:00	11:05	0.08	3296	3296	Survey & Conn.	Survey & Conn.
13-Jul-10	11:05	11:20	0.25	3296	3308	Sliding	Sliding - (WOB:25;GPM :555;TFO:90L)
13-Jul-10	11:20	11:40	0.33	3308	3391	Drilling	Drilling - (WOB:22;GPM :555;RPM:48)
13-Jul-10	11:40	11:45	0.08	3391	3391	Survey & Conn.	Survey & Conn.
13-Jul-10	11:45	12:10	0.42	3391	3487	Drilling	Drilling - (WOB:22;GPM :555;RPM:48)
13-Jul-10	12:10	12:15	0.08	3487	3487	Survey & Conn.	Survey & Conn.
13-Jul-10	12:15	12:25	0.17	3487	3497	Sliding	Sliding - (WOB:25;GPM :555;TFO:90L)
13-Jul-10	12:25	12:50	0.42	3497	3582	Drilling	Drilling - (WOB:24;GPM :555;RPM:48)
13-Jul-10	12:50	12:55	0.08	3582	3582	Survey & Conn.	Survey & Conn.
13-Jul-10	12:55	13:05	0.17	3582	3621	Drilling	Drilling - (WOB:24;GPM :555;RPM:48)
13-Jul-10	13:05	13:15	0.17	3621	3633	Sliding	Sliding - (WOB:25;GPM :555;TFO:0)
13-Jul-10	13:15	13:35	0.33	3633	3677	Drilling	Drilling - (WOB:24;GPM :555;RPM:48)
13-Jul-10	13:35	13:40	0.08	3677	3677	Survey & Conn.	Survey & Conn.
13-Jul-10	13:40	13:50	0.17	3677	3692	Sliding	Sliding - (WOB:25;GPM :555;TFO:0)
13-Jul-10	13:50	14:10	0.33	3692	3772	Drilling	Drilling - (WOB:24;GPM :555;RPM:48)
13-Jul-10	14:10	14:15	0.08	3772	3772	Survey & Conn.	Survey & Conn.
13-Jul-10	14:15	14:25	0.17	3772	3787	Sliding	Sliding - (WOB:25;GPM :555;TFO:0)
13-Jul-10	14:25	14:45	0.33	3787	3868	Drilling	Drilling - (WOB:24;GPM :555;RPM:48)
13-Jul-10	14:45	14:55	0.17	3868	3868	Rig Service-Inhole	Rig Service-Inhole
13-Jul-10	14:55	15:00	0.08	3868	3868	Survey & Conn.	Survey & Conn.
13-Jul-10	15:00	15:10	0.17	3868	3893	Sliding	Sliding - (WOB:25;GPM :555;TFO:0)
13-Jul-10	15:10	15:30	0.33	3893	3963	Drilling	Drilling - (WOB:25;GPM :555;RPM:48)
13-Jul-10	15:30	15:35	0.08	3963	3963	Survey & Conn.	Survey & Conn.
13-Jul-10	15:35	15:45	0.17	3963	3978	Sliding	Sliding - (WOB:25;GPM :555;TFO:0)
13-Jul-10	15:45	15:55	0.17	3978	3990	Drilling	Drilling - (WOB:25;GPM :555;RPM:48)
13-Jul-10	15:55	16:00	0.08	3990	4003	Sliding	Sliding - (WOB:25;GPM :555;TFO:0)
13-Jul-10	16:00	16:20	0.33	4003	4059	Drilling	Drilling - (WOB:25;GPM :555;RPM:48)
13-Jul-10	16:20	16:25	0.08	4059	4059	Survey & Conn.	Survey & Conn.
13-Jul-10	16:25	16:45	0.33	4059	4091	Sliding	Sliding - (WOB:25;GPM :555;TFO:0)
13-Jul-10	16:45	17:05	0.33	4091	4154	Drilling	Drilling - (WOB:25;GPM :555;RPM:48)
13-Jul-10	17:05	17:10	0.08	4154	4154	Survey & Conn.	Survey & Conn.
13-Jul-10	17:10	17:35	0.42	4154	4185	Sliding	Sliding - (WOB:30;GPM :555;TFO:0)
13-Jul-10	17:35	18:00	0.42	4185	4249	Drilling	Drilling - (WOB:27;GPM :555;RPM:48)
13-Jul-10	18:00	18:05	0.08	4249	4249	Survey & Conn.	Survey & Conn.
13-Jul-10	18:05	18:15	0.17	4249	4259	Drilling	Drilling - (WOB:30;GPM :555;RPM:48)
13-Jul-10	18:15	18:30	0.25	4259	4259	Other	Trouble shoot MWD
13-Jul-10	18:30	21:20	2.83	4259	4259	POOH	POOH

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
13-Jul-10	21:20	24:00	2.67	4259	4259	Change BHA	Change BHA



SDI Job #:	20100709	Report Time:	2400	3 of 5
COMPANY:	BILL BARRETT CORP	API JOB #	05-045-18900	
LOCATION:	Silt	WORK ORDER#		
RIG NAME:	Patterson 307	FIELD:	Gibson Gulch Unit	
STATE:	Colorado	Sec-Twn-Rng:	T6S	
COUNTY:	Garfield	AFE# & District		R91W
WELL NAME:	MDP 2 Pad, GGU FED 21B-33-691			

From Wednesday, July 14, 2010 at 0000 to Wednesday, July 14, 2010 at 2400

DRILLING SUMMARY					Drilling Parameters							
Start Depth	4259.00	Rotary Hours	14.25	WOB	27	Pick UP	165	Slack Off	110	SPM		
End Depth	6156.00	Circulating Hours	0.33	RAB	130	SPP	3100	FlowRate	0 - 555	135		
Total Drilled:	1897.00	Avg. Total ROP:	108.40	Mud Data								
Total Rotary Drilled:	1339.00	Avg. Rotary ROP:	93.96	Type				PV	22	SOLID	9	
Total Drilled Sliding:	558.00	Avg. Slide ROP:	171.69	Weight	9.75	GAS	0	YP	23	BHT°	0	
Slide Hours:	3.25	Percent Rotary:	70.59	Viscosity	52	SAND	0.5	PH	0	Flow T°	0	
Below Rotary Hrs.	24.00	Percent Slide:	29.41	Chlorides	800	WL	7.2			Oil %	0	
PERSONNEL				Casing					BHA			
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth		BHA # 2:FX55M 3x16 2x15, 6.5 Mtr 7/8 3.3 .16 rev, 6.5" UBHO, 6.5" Monel, 6.5" Gap Sub, 6.5" Monel , 42 Jts. HWDP,				
Second Directional :	Alan Rieser/ Paul Loehr			9 5/8	36	830						
MWD Operator1	Paul Loehr											
MWD Operator2												
Directional Company:	Sharewell											
Geologist:												
Company Man:	Cecil Crow			Signature:								
Incl. In:	25.2	Azm. In:	102.6	Incl. Out:	2.1	Azm. Out:	125.5					

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Jul-10	00:00	03:35	3.58	0	4259	TIH	TIH
14-Jul-10	03:35	03:40	0.08	4259	4269	Drilling	Drilling - (WOB:30;GPM :555;RPM:48)
14-Jul-10	03:40	03:50	0.17	4269	4279	Sliding	Sliding - (WOB:30;GPM :555;TFO:0)
14-Jul-10	03:50	04:00	0.17	4279	4287	Drilling	Drilling - (WOB:20;GPM :555;RPM:45)
14-Jul-10	04:00	04:10	0.17	4287	4300	Sliding	Sliding - (WOB:32;GPM :555;TFO:0)
14-Jul-10	04:10	04:30	0.33	4300	4344	Drilling	Drilling - (WOB:20;GPM :555;RPM:45)
14-Jul-10	04:30	04:35	0.08	4344	4344	Survey & Conn.	Survey & Conn.
14-Jul-10	04:35	05:20	0.75	4344	4440	Drilling	Drilling - (WOB:25;GPM :555;RPM:45)
14-Jul-10	05:20	05:25	0.08	4440	4440	Survey & Conn.	Survey & Conn.
14-Jul-10	05:25	05:40	0.25	4440	4456	Sliding	Sliding - (WOB:32;GPM :555;TFO:0)
14-Jul-10	05:40	06:15	0.58	4456	4535	Drilling	Drilling - (WOB:25;GPM :555;RPM:45)
14-Jul-10	06:15	06:20	0.08	4535	4535	Survey & Conn.	Survey & Conn.
14-Jul-10	06:20	06:30	0.17	4535	5450	Sliding	Sliding - (WOB:32;GPM :555;TFO:0)
14-Jul-10	06:30	06:55	0.42	5450	4630	Drilling	Drilling - (WOB:25;GPM :555;RPM:45)
14-Jul-10	06:55	07:00	0.08	4630	4630	Survey & Conn.	Survey & Conn.
14-Jul-10	07:00	07:20	0.33	4630	4659	Sliding	Sliding - (WOB:32;GPM :555;TFO:0)
14-Jul-10	07:20	07:50	0.50	4659	4706	Drilling	Drilling - (WOB:25;GPM :555;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Jul-10	07:50	07:55	0.08	4706	4716	Sliding	Sliding - (WOB:32;GPM :555;TFO:0)
14-Jul-10	07:55	08:00	0.08	4716	4726	Drilling	Drilling - (WOB:25;GPM :555;RPM:45)
14-Jul-10	08:00	08:05	0.08	4726	4726	Survey & Conn.	Survey & Conn.
14-Jul-10	08:05	08:25	0.33	4726	4751	Sliding	Sliding - (WOB:32;GPM :555;TFO:0)
14-Jul-10	08:25	08:55	0.50	4751	4821	Drilling	Drilling - (WOB:25;GPM :555;RPM:45)
14-Jul-10	08:55	09:00	0.08	4821	4821	Survey & Conn.	Survey & Conn.
14-Jul-10	09:00	09:15	0.25	4821	4264	Sliding	Sliding - (WOB:27;GPM :555;TFO:0)
14-Jul-10	09:15	09:45	0.50	4264	4917	Drilling	Drilling - (WOB:27;GPM :555;RPM:48)
14-Jul-10	09:45	09:50	0.08	4917	4917	Survey & Conn.	Survey & Conn.
14-Jul-10	09:50	09:55	0.08	4917	4927	Sliding	Sliding - (WOB:27;GPM :555;TFO:0)
14-Jul-10	09:55	10:30	0.58	4927	5012	Drilling	Drilling - (WOB:27;GPM :555;RPM:48)
14-Jul-10	10:30	10:35	0.08	5012	5012	Survey & Conn.	Survey & Conn.
14-Jul-10	10:35	11:05	0.50	5012	5107	Drilling	Drilling - (WOB:27;GPM :555;RPM:48)
14-Jul-10	11:05	11:10	0.08	5107	5107	Survey & Conn.	Survey & Conn.
14-Jul-10	11:10	11:25	0.25	5107	5139	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	11:25	11:35	0.17	5139	5145	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
14-Jul-10	11:35	12:00	0.42	5145	5203	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	12:00	12:05	0.08	5203	5203	Survey & Conn.	Survey & Conn.
14-Jul-10	12:05	12:20	0.25	5203	5235	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	12:20	12:30	0.17	5235	5243	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
14-Jul-10	12:30	13:00	0.50	5243	5298	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	13:00	13:05	0.08	5298	5298	Survey & Conn.	Survey & Conn.
14-Jul-10	13:05	13:15	0.17	5298	5308	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
14-Jul-10	13:15	13:50	0.58	5308	5393	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	13:50	13:55	0.08	5393	5393	Survey & Conn.	Survey & Conn.
14-Jul-10	13:55	14:10	0.25	5393	5403	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
14-Jul-10	14:10	14:50	0.67	5403	5489	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	14:50	15:05	0.25	5489	5489	Rig Service-Inhole	Rig Service-Inhole
14-Jul-10	15:05	15:10	0.08	5489	5489	Survey & Conn.	Survey & Conn.
14-Jul-10	15:10	15:20	0.17	5489	5499	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
14-Jul-10	15:20	16:00	0.67	5499	5584	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	16:00	16:05	0.08	5584	5584	Survey & Conn.	Survey & Conn.
14-Jul-10	16:05	16:20	0.25	5584	5620	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	16:20	16:30	0.17	5620	5630	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
14-Jul-10	16:30	16:50	0.33	5630	5679	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	16:50	16:55	0.08	5679	5679	Survey & Conn.	Survey & Conn.
14-Jul-10	16:55	17:05	0.17	5679	5694	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
14-Jul-10	17:05	17:55	0.83	5694	5774	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	17:55	18:00	0.08	5774	5774	Survey & Conn.	Survey & Conn.
14-Jul-10	18:00	18:10	0.17	5774	5792	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
14-Jul-10	18:10	18:50	0.67	5792	5870	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	18:50	18:55	0.08	5870	5870	Survey & Conn.	Survey & Conn.
14-Jul-10	18:55	20:00	1.08	5870	5965	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	20:00	20:05	0.08	5965	5965	Survey & Conn.	Survey & Conn.
14-Jul-10	20:05	20:30	0.42	5965	6061	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	20:30	20:35	0.08	6061	6061	Survey & Conn.	Survey & Conn.
14-Jul-10	20:35	22:55	2.33	6061	6156	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
14-Jul-10	22:55	23:00	0.08	6156	6156	MWD Survey	MWD Survey

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Jul-10	23:00	24:00	1.00	6156	6156	POOH	POOH



SDI Job #:	20100709	Report Time:	2400	4 of 5
COMPANY:	BILL BARRETT CORP	API JOB #	05-045-18900	
LOCATION:	Silt	WORK ORDER#		
RIG NAME:	Patterson 307	FIELD:	Gibson Gulch Unit	
STATE:	Colorado	Sec-Twn-Rng:	T6S	
COUNTY:	Garfield	AFE# & District		R91W
WELL NAME:	MDP 2 Pad, GGU FED 21B-33-691			

From Thursday, July 15, 2010 at 0000 to Thursday, July 15, 2010 at 2400

DRILLING SUMMARY					Drilling Parameters						
Start Depth	6156.00	Rotary Hours	7.55	WOB	27	Pick UP	165	Slack Off	110	SPM	
End Depth	7185.00	Circulating Hours	1.33	RAB	130	SPP	3100	FlowRate	0 - 535	130	
Total Drilled:	1029.00	Avg. Total ROP:	110.25	Mud Data							
Total Rotary Drilled:	868.00	Avg. Rotary ROP:	114.97	Type				PV	23	SOLID	9
Total Drilled Sliding:	161.00	Avg. Slide ROP:	90.28	Weight	10.5	GAS	0	YP	17	BHT°	0
Slide Hours:	1.78	Percent Rotary:	84.35	Viscosity	48	SAND	0.5	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	15.65	Chlorides	800	WL	8			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth		BHA # 3:FX55M 3x16 2x15, 6.5 Mtr 7/8 3.3 .16 rev, 6.5" UBHO, 6.5" Monel, 6.5" Gap Sub, 6.5" Monel , 42 Jts. HWDP,			
Second Directional :	Paul Loehr			9 5/8	36	830					
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:				Signature:							
Company Man:	Cecil Crow										
Incl. In:	2.1	Azm. In:	125.5	Incl. Out:	0.6	Azm. Out:	356.8				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
15-Jul-10	00:00	02:30	2.50	6156	6156	POOH	
15-Jul-10	02:30	03:00	0.50	6156	6156	Change BHA	Change BHA
15-Jul-10	03:00	08:50	5.83	6156	6156	TIH	TIH
15-Jul-10	08:50	08:55	0.08	6156	6156	Circulating	Circulating
15-Jul-10	08:55	09:00	0.08	6156	6156	Reaming	Ream T/ Btm
15-Jul-10	09:00	09:10	0.17	6156	6156	Survey & Conn.	Survey & Conn.
15-Jul-10	09:10	09:50	0.67	6156	6252	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
15-Jul-10	09:50	10:10	0.33	6252	6252	Rig Service-Inhole	Rig Service-Inhole
15-Jul-10	10:10	10:15	0.08	6252	6252	Survey & Conn.	Survey & Conn.
15-Jul-10	10:15	10:50	0.58	6252	6347	Drilling	Drilling - (WOB:27;GPM :535;RPM:48)
15-Jul-10	10:50	10:55	0.08	6347	6347	Survey & Conn.	Survey & Conn.
15-Jul-10	10:55	11:05	0.17	6347	6357	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
15-Jul-10	11:05	11:35	0.50	6357	6442	Drilling	Drilling - (WOB:27;GPM :535;RPM:48)
15-Jul-10	11:35	11:40	0.08	6442	6442	Survey & Conn.	Survey & Conn.
15-Jul-10	11:40	11:55	0.25	6442	6538	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
15-Jul-10	11:55	12:20	0.42	6538	6538	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
15-Jul-10	12:20	12:50	0.50	6538	6538	Rig Service-Inhole	Change head rubber

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
15-Jul-10	12:50	12:55	0.08	6538	6538	Survey & Conn.	Survey & Conn.
15-Jul-10	12:55	13:25	0.50	6538	6633	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
15-Jul-10	13:25	13:30	0.08	6633	6633	Survey & Conn.	Survey & Conn.
15-Jul-10	13:30	13:45	0.25	6633	6645	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
15-Jul-10	13:45	14:15	0.50	6645	6729	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
15-Jul-10	14:15	14:20	0.08	6729	6729	Survey & Conn.	Survey & Conn.
15-Jul-10	14:20	14:40	0.33	6729	6744	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
15-Jul-10	14:40	15:05	0.42	6744	6824	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
15-Jul-10	15:05	15:10	0.08	6824	6824	Survey & Conn.	Survey & Conn.
15-Jul-10	15:10	15:55	0.75	6824	6919	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
15-Jul-10	15:55	16:00	0.08	6919	6919	Survey & Conn.	Survey & Conn.
15-Jul-10	16:00	16:15	0.25	6919	6934	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
15-Jul-10	16:15	17:10	0.92	6934	7015	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
15-Jul-10	17:10	17:15	0.08	7015	7015	Survey & Conn.	Survey & Conn.
15-Jul-10	17:15	18:10	0.92	7015	7073	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
15-Jul-10	18:10	18:42	0.53	7073	7086	Sliding	Sliding - (WOB:27;GPM :515;TFO:0)
15-Jul-10	18:42	19:03	0.35	7086	7110	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
15-Jul-10	19:03	19:08	0.08	7110	7110	Survey & Conn.	Survey & Conn.
15-Jul-10	19:08	20:10	1.03	7110	7185	Drilling	Drilling - (WOB:27;GPM :515;RPM:48)
15-Jul-10	20:10	20:30	0.33	7185	7185	Circulating	Circulating pump pill
15-Jul-10	20:30	23:30	3.00	7185	0	POOH	POOH
15-Jul-10	23:30	24:00	0.50	0	0	Change BHA	Change bit



SDI Job #:	20100709	Report Time:	2400	5 of 5
COMPANY:	BILL BARRETT CORP	API JOB #	05-045-18900	
LOCATION:	Silt	WORK ORDER#		
RIG NAME:	Patterson 307	FIELD:	Gibson Gulch Unit	
STATE:	Colorado	Sec-Twn-Rng:	T6S	
COUNTY:	Garfield	AFE# & District		R91W
WELL NAME:	MDP 2 Pad, GGU FED 21B-33-691			

From Friday, July 16, 2010 at 0000 to Friday, July 16, 2010 at 2400

DRILLING SUMMARY					Drilling Parameters						
Start Depth	7185.00	Rotary Hours	8.70	WOB	28	Pick UP	250	Slack Off	150	SPM	
End Depth	8000.00	Circulating Hours	2.80	RAB	175	SPP	3200	FlowRate	0 - 515	124	
Total Drilled:	815.00	Avg. Total ROP:	93.68	Mud Data							
Total Rotary Drilled:	815.00	Avg. Rotary ROP:	93.68	Type				PV	23	SOLID	12
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	10.5	GAS	0	YP	18	BHT°	0
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	51	SAND	0.5	PH	0	Flow T°	0
Below Rotary Hrs.	22.00	Percent Slide:	.00	Chlorides	800	WL	6.4			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth		BHA # 4:HTC;7 7/8 ;Q504FX; 6x15 jets; tfa1.035, 6.5 Mtr 7/8 3.3 .16 rev, 6.5" UBHO, 6.5" Monel, 6.5" Gap Sub, 6.5" Monel , 42 Jts. HWDP,			
Second Directional :	Paul Loehr			9 5/8	36	830					
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:				Signature:							
Company Man:	Cecil Crow										
Incl. In:	0.6	Azm. In:	356.8	Incl. Out:	0.8	Azm. Out:	298.1				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
16-Jul-10	00:00	01:48	1.80	0	3247	TIH	
16-Jul-10	01:48	01:54	0.10	3247	3305	Reaming	Change BHA
16-Jul-10	01:54	02:26	0.53	3305	4281	TIH	TIH
16-Jul-10	02:26	02:38	0.20	4281	4376	Reaming	TIH
16-Jul-10	02:38	03:21	0.72	4376	6113	TIH	TIH
16-Jul-10	03:21	03:36	0.25	6113	6209	Reaming	TIH
16-Jul-10	03:36	04:18	0.70	6209	7185	TIH	TIH
16-Jul-10	04:18	04:46	0.47	7185	7205	Drilling	Drilling - (WOB:27; :515;RPM:48)
16-Jul-10	04:46	04:51	0.08	7205	7205	Survey & Conn.	Survey & Conn.
16-Jul-10	04:51	05:45	0.90	7205	7301	Drilling	Drilling - (WOB:14; :515;RPM:48)
16-Jul-10	05:45	05:50	0.08	7301	7301	Survey & Conn.	Survey & Conn.
16-Jul-10	05:50	06:50	1.00	7301	7396	Drilling	Drilling - (WOB:14; :515;RPM:48)
16-Jul-10	06:50	06:55	0.08	7396	7396	Survey & Conn.	Survey & Conn.
16-Jul-10	06:55	08:10	1.25	7396	7491	Drilling	Drilling - (WOB:25; :492;RPM:48)
16-Jul-10	08:10	08:15	0.08	7491	7491	Survey & Conn.	Survey & Conn.
16-Jul-10	08:15	09:05	0.83	7491	7587	Drilling	Drilling - (WOB:25; :492;RPM:48)
16-Jul-10	09:05	09:10	0.08	7587	7587	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
16-Jul-10	09:10	09:55	0.75	7587	7682	Drilling	Drilling - (WOB:25; :492;RPM:49)
16-Jul-10	09:55	10:00	0.08	7682	7682	Survey & Conn.	Survey & Conn.
16-Jul-10	10:00	11:00	1.00	7682	7777	Drilling	Drilling - (WOB:25; :492;RPM:49)
16-Jul-10	11:00	11:05	0.08	7777	7777	Survey & Conn.	Survey & Conn.
16-Jul-10	11:05	12:25	1.33	7777	7873	Drilling	Drilling - (WOB:25; :492;RPM:49)
16-Jul-10	12:25	12:30	0.08	7873	7873	Survey & Conn.	Survey & Conn.
16-Jul-10	12:30	13:20	0.83	7873	7968	Drilling	Drilling - (WOB:25; :492;RPM:49)
16-Jul-10	13:20	13:45	0.42	7968	7968	Rig Service-Inhole	Rig Service-Inhole
16-Jul-10	13:45	13:50	0.08	7968	7968	Survey & Conn.	Survey & Conn.
16-Jul-10	13:50	14:10	0.33	7968	8000	Drilling	Drilling - (WOB:25; :492;RPM:49)
16-Jul-10	14:10	14:15	0.08	8000	8000	MWD Survey	MWD Survey
16-Jul-10	14:15	15:00	0.75	8000	8000	Circulating	Circulating
16-Jul-10	15:00	16:30	1.50	8000	8000	Short Trip	Short Trip
16-Jul-10	16:30	17:30	1.00	8000	8000	Circulating	Circulating
16-Jul-10	17:30	21:30	4.00	8000	8000	POOH	POOH
16-Jul-10	21:30	22:00	0.50	8000	8000	Other	L/D Tools

Well Information

BHA # 1



SDI Job #: 20100709
COMPANY: BILL BARRETT CORP
LOCATION: Silt
RIG NAME: Patterson 307
STATE: Colorado
COUNTY: Garfield

FIELD: Gibson Gulch Unit
Sec-Twn-Rng: T6S
PO #/ DISTRICT
Lead DD: Stan Simms
Co. Man: Cecil Crow
BHA TYPE: Steerable Assembly

WELL NAME: MDP 2 Pad, GGU FED 21B-33-691

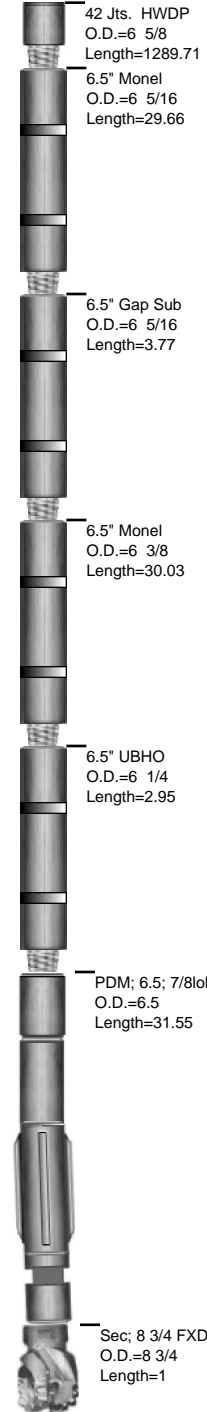
BHA Summary Information

TIME IN - OUT			Rotary Hours		12.45		Start Depth		835.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		17.58 / .17		End Depth		4259.00				
12-Jul-10 @ 19:30	13-Jul-10 @ 24:00	Slide Hours		4.97		Percent Rotary:		83.82		0 -48	337 -555	
		Below Rotary Hrs.		28.50		Percent Slide:		16.18				
Total Drilled:			3424.00		Avg. Total ROP:		196.59		Incl.		Azimuth	
Total Rotary Drilled:			2870.00		Avg. Rotary ROP:		230.52		IN	OUT	IN	OUT
Total Drilled Sliding:			554.00		Avg. Slide ROP:		111.54		.3	.0	329.62	.00
SPP	660 -3200	Weights	SO	74 -74	PU	75 -75	RAB	75 -75	Reason POOH			

Bit Data							Motor Data					Mud Data							
Security		Sec; 8 3/4 FXD56M; 5x13 jets;					PDM					Type							
Type Bit				PDC			Model: 6.5		Pad OD			WT	9.4	GAS	0	Solids	6		
TFA		0.648					MFG. Hunting		6.75			Vis	44	SAND	0.1	T °	0		
JETS			13	13	13	13	13	Bend °	1.83	Stator/Rotor		7/8		PV	15	PH	0	Chlor	1100
			0	0	0	0	0	Bit to Bend	7	Motor Diff		400		YP	12	WL	4.4	Oil %	0
Bit Coding				IADC#				Rev/GAL	0.16				BHT°			0			
IR	OR	DL	Loc	BS	G	ODL	NB Stab		0		Pumps		PUMP1		PUMP1				
1	1	ER					Rotor Jet		0		NAME								
											Model								
Bit Drop:			635 PSI @ 555 GPM				Sensor Offsets					Type							
Comments				Sensor	47	Sonic	0	Liner					.00			.00			
				Gamma	0	DNCS	835	Stroke					.00			.00			
				Restiv	0	GYRO	0	Efficiency					.00			.00			

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Sec; 8 3/4 FXD56M; 5x13 jets; TFA 0.648	11530750		8 3/4	1.00	1.00	4 1/2 REGP
2	PDM; 6.5; 7/8lobe; 3.3 stg; .16 rev	6012		6.5	31.55	32.55	4 1/2 XHB
3	6.5" UBHO	UB-65-S	3 3/4	6 1/4	2.95	35.50	4 1/2 XHB
4	6.5" Monel	AWS-650300085	3 1/4	6 3/8	30.03	65.53	4 1/2 XHB
5	6.5" Gap Sub	G-65-010-SW	3 1/4	6 5/16	3.77	69.30	4 1/2 XHB
6	6.5" Monel	AWS-650300056	3 1/4	6 5/16	29.66	98.96	4 1/2 XHB
7	42 Jts. HWDP	Rig	2 7/8	6 5/8	1,289.71	1388.67	4 1/2 XHB



Well Information

BHA # 2



SDI Job #: 20100709
COMPANY: BILL BARRETT CORP
LOCATION: Silt
RIG NAME: Patterson 307
STATE: Colorado
COUNTY: Garfield

FIELD: Gibson Gulch Unit
Sec-Twn-Rng: T6S
PO #/ DISTRICT:
Lead DD: Stan Simms
Co. Man: Cecil Crow
BHA TYPE: Steerable Assembly

WELL NAME: MDP 2 Pad, GGU FED 21B-33-691

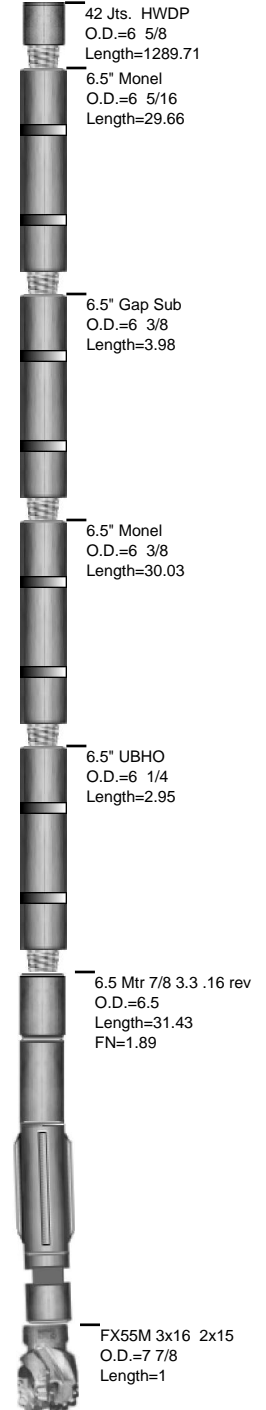
BHA Summary Information

TIME IN - OUT			Rotary Hours		14.25		Start Depth		4259.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		17.83 / .33		End Depth		6156.00				
14-Jul-10 @ 00:00	15-Jul-10 @ 03:00	Slide Hours		3.25		Percent Rotary:		70.59		0 -48	515 -555	
		Below Rotary Hrs.		27.00		Percent Slide:		29.41				
Total Drilled:			1897.00		Avg. Total ROP:		108.40		Incl.		Azimuth	
Total Rotary Drilled:			1339.00		Avg. Rotary ROP:		93.96		IN	OUT	IN	OUT
Total Drilled Sliding:			558.00		Avg. Slide ROP:		171.69		25.6	.0	102.18	.00
SPP	2800 -3100	Weights	SO	110 -110	PU	165 -165	RAB	130 -130	Reason POOH			

Bit Data								Motor Data						Mud Data					
Security		FX55M 3x16 2x15						6.5 Mtr, 7/8, 3.3, 1.83 FB, .16 rev						Type					
Type Bit				PDC				Model: 6.5			Pad OD			WT 9.75 GAS 0 Solids 9					
TFA		0.934						MFG. Hunting			6.75			Vis 52 SAND 0.5 T ° 0					
JETS			16	16	16	15	15	Bend ° 1.83		Stator/Rotor 7/8		PV 22 PH 0 Chlor 800							
			0	0	0	0	0	Bit to Bend 7		Motor Diff 400		YP 23 WL 7.2 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										
									Model										
Bit Drop:		317 PSI @ 555 GPM				Sensor Offsets				Type									
Comments				Sensor	47	Sonic	0	Liner				.00		.00					
				Gamma	0	DNsc	4259	Stroke				.00		.00					
				Restiv	0	GYRO	0	Efficiency				.00		.00					

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FX55M 3x16 2x15	11495425		7 7/8	1.00	1.00	4 1/2 REGP
2	6.5 Mtr 7/8 3.3 .16 rev	6073		6.5	31.43	32.43	4 1/2 XHB
3	6.5" UBHO	UB-65-S	3 3/4	6 1/4	2.95	35.38	4 1/2 XHB
4	6.5" Monel	AWS-650300085	3 1/4	6 3/8	30.03	65.41	4 1/2 XHB
5	6.5" Gap Sub	G-65-004-SW	3 1/4	6 3/8	3.98	69.39	4 1/2 XHB
6	6.5" Monel	AWS-650300056	3 1/4	6 5/16	29.66	99.05	4 1/2 XHB
7	42 Jts. HWDP	Rig	2 7/8	6 5/8	1,289.71	1388.76	4 1/2 XHB



Well Information

BHA # 3



SDI Job #: 20100709
COMPANY: BILL BARRETT CORP
LOCATION: Silt
RIG NAME: Patterson 307
STATE: Colorado
COUNTY: Garfield

FIELD: Gibson Gulch Unit
Sec-Twn-Rng: T6S
PO #/ DISTRICT
Lead DD: Stan Simms
Co. Man: Cecil Crow
BHA TYPE: Steerable Assembly

WELL NAME: MDP 2 Pad, GGU FED 21B-33-691

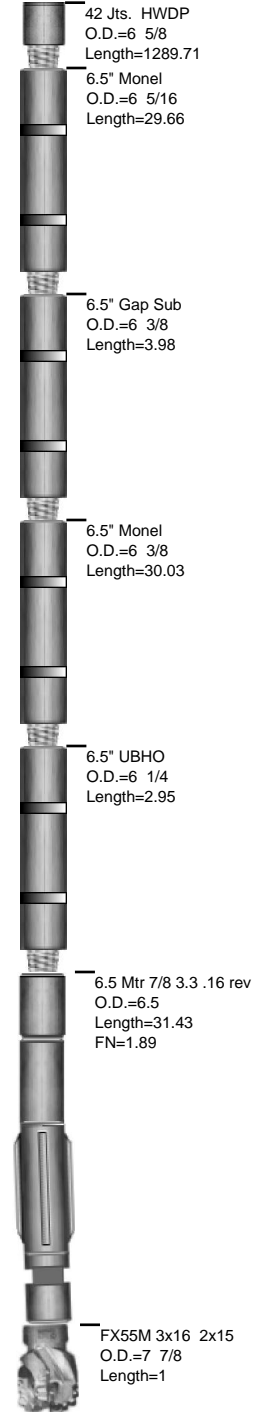
BHA Summary Information

TIME IN - OUT		Rotary Hours		7.55		Start Depth		6156.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		10.67 / 1.33		End Depth		7185.00			
15-Jul-10 @ 03:00	15-Jul-10 @ 24:00	Slide Hours		1.78		Percent Rotary:		84.35		0 -48	515 -535
		Below Rotary Hrs.		21.00		Percent Slide:		15.65			
Total Drilled:		1029.00		Avg. Total ROP:		110.25		Incl.		Azimuth	
Total Rotary Drilled:		868.00		Avg. Rotary ROP:		114.97		IN	OUT	IN	OUT
Total Drilled Sliding:		161.00		Avg. Slide ROP:		90.28		1.9	.0	138.57	.00
SPP	3100 -3100	Weights	SO	110 -110	PU	165 -165	RAB	130 -130	Reason POOH		

Bit Data				Motor Data				Mud Data			
Security	FX55M 3x16 2x15			6.5 Mtr, 7/8, 3.3, 1.83 FB, .16 rev				Type			
Type Bit		PDC		Model: 650		Pad OD		WT 10.5	GAS 0	Solids 9	
TFA	0.934			MFG. Hunting		6.75		Vis 48	SAND 0.5	T ° 0	
JETS		16	16	16	15	15		Bend ° 1.83	Stator/Rotor 7/8	PV 23	PH 0
		0	0	0	0	0		Bit to Bend 7	Motor Diff 350	Chlor 800	
Bit Coding		IADC#		Rev/GAL 0.16				BHT° 0			
IR	OR	DL	Loc	BS	G	ODL		Pumps		PUMP1	
0	0							NAME			
Bit Drop:		317 PSI @ 535 GPM		Sensor Offsets				Model			
								Type			
Comments		Sensor	47	Sonic	0	Liner					
		Gamma	0	DNCS	0	Stroke					
		Restiv	0	GYRO	0	Efficiency					

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FX55M 3x16 2x15	11491212		7 7/8	1.00	1.00	4 1/2 REGP
2	6.5 Mtr 7/8 3.3 .16 rev	6073		6.5	31.43	32.43	4 1/2 XHB
3	6.5" UBHO	UB-65-S	3 3/4	6 1/4	2.95	35.38	4 1/2 XHB
4	6.5" Monel	AWS-650300085	3 1/4	6 3/8	30.03	65.41	4 1/2 XHB
5	6.5" Gap Sub	G-65-004-SW	3 1/4	6 3/8	3.98	69.39	4 1/2 XHB
6	6.5" Monel	AWS-650300056	3 1/4	6 5/16	29.66	99.05	4 1/2 XHB
7	42 Jts. HWDP	Rig	2 7/8	6 5/8	1,289.71	1388.76	4 1/2 XHB



Well Information

BHA # 4



SDI Job #: 20100709
COMPANY: BILL BARRETT CORP
LOCATION: Silt
RIG NAME: Patterson 307
STATE: Colorado
COUNTY: Garfield

FIELD: Gibson Gulch Unit
Sec-Twn-Rng: T6S
PO #/ DISTRICT
Lead DD: Stan Simms
Co. Man: Cecil Crow
BHA TYPE: Steerable Assembly

WELL NAME: MDP 2 Pad, GGU FED 21B-33-691

BHA Summary Information

TIME IN - OUT		Rotary Hours		8.70		Start Depth		7185.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		11.50 / 2.80		End Depth		8000.00			
16-Jul-10 @ 00:00	16-Jul-10 @ 22:00	Slide Hours		.00		Percent Rotary:		100.00		48 -51	492 -515
		Below Rotary Hrs.		22.00		Percent Slide:		.00			
Total Drilled:		815.00		Avg. Total ROP:		93.68		Incl.		Azimuth	
Total Rotary Drilled:		815.00		Avg. Rotary ROP:		93.68		IN	OUT	IN	OUT
Total Drilled Sliding:		.00		Avg. Slide ROP:		NA		.0	1.4	.00	31.20
SPP	3025 -3200	Weights	SO	0 -150	PU	0 -250	RAB	0 -175	Reason POOH		

Bit Data				Motor Data				Mud Data			
Hughes HTC;7 7/8 ;Q504FX; 6x15 jets;				PDM				Type			
Type Bit				Model: 6.5				Pad OD			
TFA 1.035				MFG. Hunting				6 3/4			
JETS				Bend ° 1.83				Stator/Rotor 7/8			
15 15 15 15 15				Bit to Bend 6				Motor Diff 300			
15 0 0 0 0				Rev/GAL 0.16				BHT° 0			
Bit Coding				Bit Drop: 239 PSI @ 515 GPM				Sensor Offsets			
IR OR DL Loc BS G ODL				Sensor 47				Sonic 0			
0 0				Gamma 0				DNCS 0			
				Restiv 0				GYRO 0			
Comments				Liner				Stroke			
				Efficiency							

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	HTC;7 7/8 ;Q504FX; 6x15 jets; tfa1.035	7127970		7 7/8	1.00	1.00	4 1/2 REGP
2	6.5 Mtr 7/8 3.3 .16 rev	6073		6.5	31.43	32.43	4 1/2 XHB
3	6.5" UBHO	UB-65-S	3 3/4	6 1/4	2.95	35.38	4 1/2 XHB
4	6.5" Monel	AWS-650300085	3 1/4	6 3/8	30.03	65.41	4 1/2 XHB
5	6.5" Gap Sub	G-65-004-SW	3 1/4	6 3/8	3.98	69.39	4 1/2 XHB
6	6.5" Monel	AWS-650300056	3 1/4	6 5/16	29.66	99.05	4 1/2 XHB
7	42 Jts. HWDP	Rig	2 7/8	6 5/8	1,289.71	1388.76	4 1/2 XHB

