



Well Name and Number:

GGU Federal 12D-33-691

Patterson 307  
Garfield County, Colorado

Directional Services Provided By:

Sharewell Energy Services, LP





May 10, 2010

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

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

Well Reference: **GGU Federal 12D-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](mailto:swilliams@sharewell.com)



## **Bill Barrett Corp.**

Garfield County, Colorado

MDP 4 Pad

GGU Federal 12D-33-691

Wellbore #1

Survey: Surveys

## **Standard Survey Report**

10 May, 2010



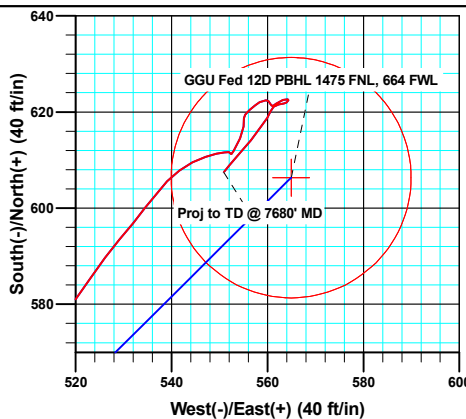
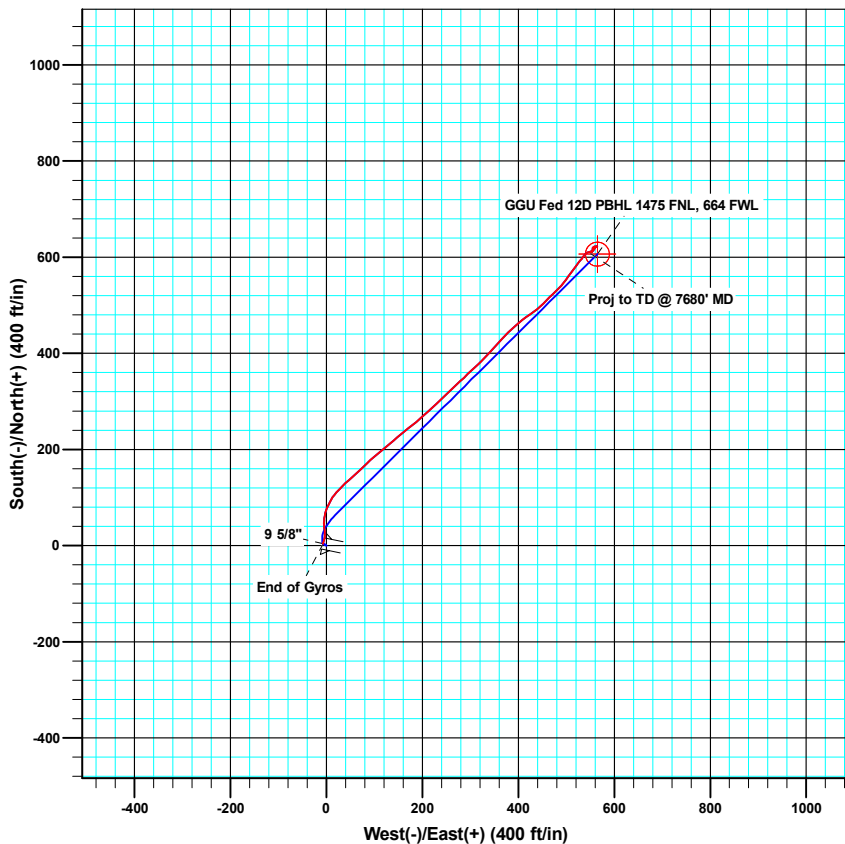
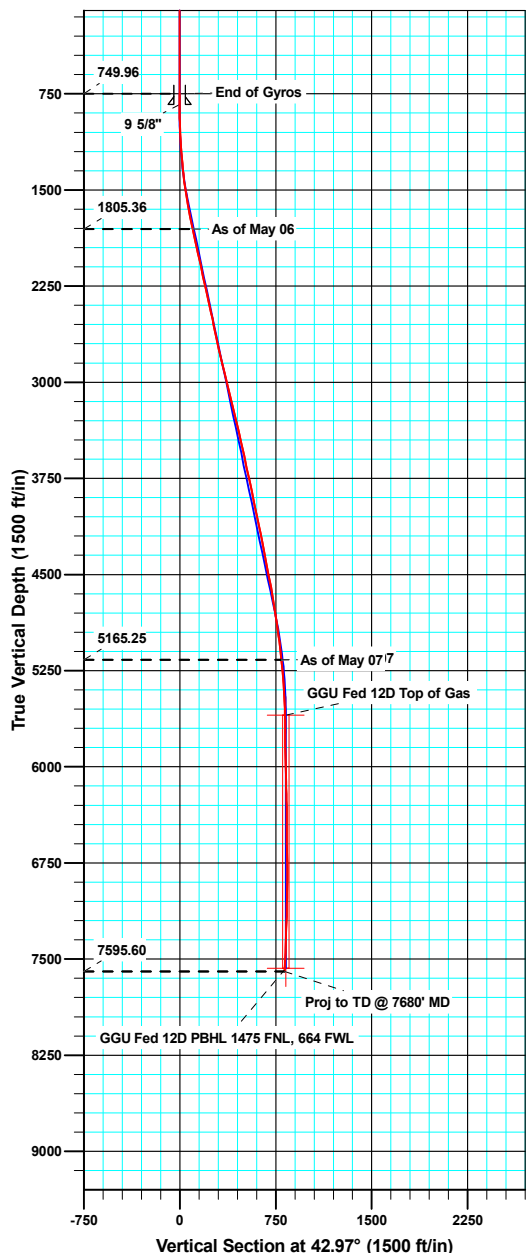


WELL DETAILS: GGU Federal 12D-33-691

Ground Level: 6373.10

North American Datum 1983 , US State Plane 1983 , Colorado Central Zone

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.00	0.00	1608574.91	2416402.95	39.486077	-107.567910



Azimuths to True North  
Magnetic North: 10.31°

Magnetic Field  
Strength: 52461.0snT  
Dip Angle: 65.86°  
Date: 2010/02/10  
Model: IGRF200510

#### ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	V/Sect	Departure	Annotation
1805.36	1815.00	12.40	45.30	115.64	25.28	101.85	121.96	As of May 06
5165.25	5248.00	5.60	40.80	593.49	529.19	794.97	818.52	As of May 07
7595.60	7680.00	2.10	217.50	607.47	550.88	819.98	893.39	Proj to TD @ 7680' MD



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well GGU Federal 12D-33-691
<b>Project:</b>	Garfield County, Colorado	<b>TVD Reference:</b>	KB @ 6395.10ft
<b>Site:</b>	MDP 4 Pad	<b>MD Reference:</b>	KB @ 6395.10ft
<b>Well:</b>	GGU Federal 12D-33-691	<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>	SWFS01

<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 4 Pad			
Site Position:		Northing:	1,608,559.49 usft	Latitude:	39.486034
From:	Lat/Long	Easting:	2,416,392.16 usft	Longitude:	-107.567947
Position Uncertainty:	0.00 ft	Slot Radius:	0.00 ft	Grid Convergence:	-1.30 °

Well		GGU Federal 12D-33-691				
Well Position	+N/-S	0.00 ft	Northing:	1,608,574.90 usft	Latitude:	39.486077
	+E/-W	0.00 ft	Easting:	2,416,402.96 usft	Longitude:	-107.567910
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,373.10 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	2010/02/10	10.31	65.86	52,461

<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	42.97	

<b>Survey Program</b>	<b>Date</b>	2010/05/10			
<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	
878.00	7,680.00	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	0.75	322.46	749.96	3.98	-6.42	-1.47	0.00	0.00	0.00	
835.00	0.30	281.76	834.96	4.46	-6.98	-1.49	0.65	-0.53	-47.88	
<b>9 5/8"</b>										
878.00	0.30	226.20	877.95	4.41	-7.17	-1.66	0.65	-0.01	-129.21	
970.00	2.50	24.70	969.93	6.07	-6.51	0.00	3.02	2.39	172.28	
1,062.00	3.30	17.70	1,061.81	10.41	-4.86	4.30	0.95	0.87	-7.61	
1,154.00	4.40	8.50	1,153.60	16.42	-3.54	9.61	1.37	1.20	-10.00	
1,246.00	6.80	358.00	1,245.16	25.36	-3.20	16.37	2.83	2.61	-11.41	
1,338.00	7.90	351.70	1,336.40	37.06	-4.31	24.18	1.48	1.20	-6.85	
1,434.00	9.50	3.50	1,431.30	51.50	-4.78	34.43	2.49	1.67	12.29	

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well GGU Federal 12D-33-691
<b>Project:</b>	Garfield County, Colorado	<b>TVD Reference:</b>	KB @ 6395.10ft
<b>Site:</b>	MDP 4 Pad	<b>MD Reference:</b>	KB @ 6395.10ft
<b>Well:</b>	GGU Federal 12D-33-691	<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>	SWFS01

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)
1,529.00	10.40	14.30	1,524.88	67.63	-2.18	48.00	2.18	0.95	11.37
1,625.00	10.90	26.50	1,619.24	84.15	4.01	64.31	2.40	0.52	12.71
1,720.00	11.60	31.60	1,712.42	100.33	13.03	82.29	1.28	0.74	5.37
1,815.00	12.40	45.30	1,805.36	115.64	25.28	101.85	3.11	0.84	14.42
1,911.00	11.50	46.20	1,899.28	129.52	39.52	121.70	0.96	-0.94	0.94
2,006.00	12.70	49.20	1,992.16	142.89	54.26	141.54	1.43	1.26	3.16
2,102.00	12.10	46.80	2,085.93	156.68	69.58	162.07	0.82	-0.63	-2.50
2,197.00	12.70	44.90	2,178.71	170.89	84.21	182.44	0.76	0.63	-2.00
2,293.00	13.10	50.70	2,272.29	185.26	100.08	203.77	1.41	0.42	6.04
2,388.00	12.70	49.00	2,364.89	198.93	116.29	224.82	0.58	-0.42	-1.79
2,483.00	12.60	51.60	2,457.59	212.21	132.29	245.45	0.61	-0.11	2.74
2,579.00	11.20	49.90	2,551.52	224.72	147.63	265.06	1.50	-1.46	-1.77
2,674.00	12.30	49.10	2,644.53	237.29	162.34	284.28	1.17	1.16	-0.84
2,769.00	13.30	52.90	2,737.17	250.51	178.70	305.11	1.38	1.05	4.00
2,865.00	13.90	47.70	2,830.48	264.93	196.04	327.48	1.42	0.63	-5.42
2,960.00	13.40	49.10	2,922.80	279.82	212.80	349.79	0.63	-0.53	1.47
3,056.00	14.00	46.90	3,016.07	295.04	229.69	372.44	0.83	0.63	-2.29
3,151.00	13.60	45.40	3,108.32	310.73	246.03	395.06	0.56	-0.42	-1.58
3,246.00	13.90	46.20	3,200.60	326.47	262.22	417.61	0.37	0.32	0.84
3,342.00	13.50	48.40	3,293.87	341.89	278.92	440.28	0.68	-0.42	2.29
3,437.00	12.90	44.60	3,386.36	356.81	294.66	461.92	1.11	-0.63	-4.00
3,532.00	12.30	48.70	3,479.08	371.03	309.71	482.59	1.13	-0.63	4.32
3,628.00	12.10	43.40	3,572.91	385.09	324.30	502.83	1.18	-0.21	-5.52
3,723.00	12.30	42.90	3,665.77	399.74	338.03	522.90	0.24	0.21	-0.53
3,818.00	12.70	42.90	3,758.51	414.80	352.03	543.47	0.42	0.42	0.00
3,914.00	11.60	42.80	3,852.36	429.62	365.77	563.67	1.15	-1.15	-0.10
4,009.00	12.10	43.80	3,945.34	443.81	379.15	583.18	0.57	0.53	1.05
4,104.00	11.30	50.80	4,038.37	456.88	393.26	602.35	1.71	-0.84	7.37
4,199.00	12.40	51.70	4,131.34	469.09	408.48	621.66	1.17	1.16	0.95
4,295.00	11.20	55.20	4,225.31	480.80	424.22	640.96	1.45	-1.25	3.65
4,390.00	11.00	51.90	4,318.54	491.65	438.93	658.93	0.70	-0.21	-3.47
4,486.00	10.80	44.30	4,412.81	503.74	452.42	676.97	1.51	-0.21	-7.92
4,581.00	11.20	44.90	4,506.06	516.65	465.15	695.09	0.44	0.42	0.63
4,676.00	10.20	46.20	4,599.41	529.01	477.73	712.71	1.08	-1.05	1.37
4,772.00	9.90	42.80	4,693.94	540.94	489.47	729.45	0.69	-0.31	-3.54
4,867.00	9.30	36.40	4,787.61	553.12	499.58	745.24	1.29	-0.63	-6.74
4,963.00	7.50	32.60	4,882.58	564.64	507.56	759.11	1.96	-1.88	-3.96
5,058.00	8.50	39.90	4,976.65	575.25	515.40	772.22	1.50	1.05	7.68
5,153.00	6.80	33.80	5,070.81	585.31	523.04	784.79	1.98	-1.79	-6.42
5,248.00	5.60	40.80	5,165.25	593.49	529.19	794.97	1.49	-1.26	7.37
5,344.00	4.50	35.80	5,260.88	600.09	534.46	803.39	1.23	-1.15	-5.21
5,439.00	4.20	44.30	5,355.60	605.60	539.07	810.56	0.75	-0.32	8.95
5,534.00	3.90	63.50	5,450.37	609.54	544.39	817.07	1.45	-0.32	20.21

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well GGU Federal 12D-33-691
<b>Project:</b>	Garfield County, Colorado	<b>TVD Reference:</b>	KB @ 6395.10ft
<b>Site:</b>	MDP 4 Pad	<b>MD Reference:</b>	KB @ 6395.10ft
<b>Well:</b>	GGU Federal 12D-33-691	<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>	SWFS01

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)	
5,630.00	2.50	80.20	5,546.22	611.35	549.37	821.79	1.74	-1.46	17.40	
5,725.00	0.70	91.20	5,641.18	611.69	552.00	823.83	1.91	-1.89	11.58	
5,820.00	0.50	199.20	5,736.18	611.29	552.44	823.84	1.03	-0.21	113.68	
5,916.00	1.50	33.30	5,832.17	611.94	552.99	824.69	2.07	1.04	-172.81	
6,011.00	2.00	21.90	5,927.12	614.52	554.29	827.46	0.64	0.53	-12.00	
6,106.00	1.20	9.80	6,022.09	617.04	555.08	829.84	0.91	-0.84	-12.74	
6,202.00	0.80	347.90	6,118.07	618.68	555.11	831.07	0.57	-0.42	-22.81	
6,297.00	2.10	49.90	6,213.04	620.45	556.30	833.18	1.96	1.37	65.26	
6,392.00	1.00	56.90	6,308.01	622.03	558.33	835.71	1.17	-1.16	7.37	
6,488.00	0.80	92.40	6,404.00	622.46	559.70	836.96	0.61	-0.21	36.98	
6,583.00	1.00	160.10	6,498.99	621.65	560.64	837.01	1.07	0.21	71.26	
6,679.00	1.40	45.00	6,594.98	621.69	561.76	837.80	2.12	0.42	-119.90	
6,774.00	0.80	88.90	6,689.96	622.52	563.24	839.42	1.05	-0.63	46.21	
6,870.00	0.40	69.50	6,785.95	622.65	564.23	840.19	0.46	-0.42	-20.21	
6,965.00	0.40	204.80	6,880.95	622.47	564.40	840.17	0.78	0.00	142.42	
7,061.00	0.40	235.20	6,976.95	621.97	563.98	839.52	0.22	0.00	31.67	
7,156.00	1.60	261.90	7,071.93	621.60	562.40	838.17	1.32	1.26	28.11	
7,251.00	1.60	199.40	7,166.90	620.16	560.64	835.92	1.75	0.00	-65.79	
7,347.00	2.70	219.20	7,262.84	617.14	558.77	832.44	1.37	1.15	20.63	
7,442.00	1.80	212.10	7,357.76	614.14	556.56	828.74	0.99	-0.95	-7.47	
7,537.00	2.30	226.20	7,452.70	611.56	554.39	825.37	0.74	0.53	14.84	
7,633.00	2.10	217.50	7,548.63	608.83	551.93	821.69	0.40	-0.21	-9.06	
7,680.00	2.10	217.50	7,595.60	607.47	550.88	819.98	0.00	0.00	0.00	

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name		Casing Diameter (ft)	Hole Diameter (ft)
835.00	834.96	9 5/8"		0.80	1.02

Survey Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
1,815.00	1,805.36	115.64	25.28	As of May 06	
5,248.00	5,165.25	593.49	529.19	As of May 07	
7,680.00	7,595.60	607.47	550.88	Proj to TD @ 7680' MD	

Checked By: \_\_\_\_\_ Approved By: \_\_\_\_\_ Date: \_\_\_\_\_



JOB NO.:	20100506	Report Time:	2400	1 of 5
Company:	BILL BARRETT CORP	API JOB #		
LOCATION:	Silt	WORK ORDER#		
RIG NAME:	Patterson 307	FIELD:	Mamm Creek	
STATE:	Colorado	Township:		
COUNTY:	Garfield	SECTRANGE:		
WELL NAME:	GGU Federal 12D-33-691			

From Wednesday, May 05, 2010 at 0000 to Wednesday, May 05, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	834.00	Rotary Hours	0.50	WOB	50	Pick UP	46	Slack Off	44	SPM	
End Depth	888.00	Circulating Hours	0.00	RAB	44	SPP	5600	FlowRate	0 - 376	90	
Total Drilled:	54.00	Avg. Total ROP:	108.00	Mud Data							
Total Rotary Drilled:	54.00	Avg. Rotary ROP:	108.00	Type				PV	0	SOLID	0
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	2.25	Percent Slide:	.00	Chlorides	0	WL	0			Oil %	0
PERSONNEL				CASING				BHA			
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth		BHA # 1:FXD56M 5x14's, 6 1/2 7/8 3.3 HR, UBHO, NMDC, Gap Sub, NMDC, 42 JNTS 4 1/2 HWDP,			
Second Directional :	Allen Rieser										
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell Energy Services										
Geologist:				Signature:							
Company Man:	Lynn Rich										
Incl. In:	0.75	Azm. In:	322.46	Incl. Out:	0.75	Azm. Out:	322.46				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
5-May-10	00:00	21:45	21.75	834	834	Standby	Rig up
5-May-10	21:45	22:30	0.75	834	834	Change BHA	Pick up tools
5-May-10	22:30	23:00	0.50	834	834	TIH	TIH
5-May-10	23:00	23:30	0.50	834	834	Other	Drill cement,shoe,float
5-May-10	23:30	24:00	0.50	834	888	Drilling	Drilling





JOB NO.:	20100506	Report Time:	2400	2 of 5	
Company:	BILL BARRETT CORP	API JOB #			
LOCATION:	Silt	WORK ORDER#			
RIG NAME:	Patterson 307	FIELD:	Mamm Creek		
STATE:	Colorado	Township:			
COUNTY:	Garfield	SECTRANGE:			
WELL NAME:	GGU Federal 12D-33-691				

From Thursday, May 06, 2010 at 0000 to Thursday, May 06, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	888.00	Rotary Hours	15.42	WOB	25	Pick UP	160	Slack Off	155	SPM	
End Depth	4738.00	Circulating Hours	0.00	RAB	158	SPP	2400	FlowRate	548 - 548	140	
Total Drilled:	3850.00	Avg. Total ROP:	191.70	Mud Data							
Total Rotary Drilled:	3417.00	Avg. Rotary ROP:	221.64	Type				PV	19	SOLID	6
Total Drilled Sliding:	433.00	Avg. Slide ROP:	92.79	Weight	9.3	GAS	0	YP	9	BHT°	0
Slide Hours:	4.67	Percent Rotary:	88.75	Viscosity	43	SAND	0.01	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	11.25	Chlorides	1200	WL	5.6			Oil %	0
PERSONNEL				CASING					BHA		
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth		BHA # 1:FXD56M 5x14's, 6 1/2 7/8 3.3 HR, UBHO, NMDC, Gap Sub, NMDC, 42 JNTS 4 1/2 HWDP,			
Second Directional :	Allen Rieser										
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell Energy Services										
Geologist:				Signature:							
Company Man:	Lynn Rich										
Incl. In:	0.75	Azm. In:	322.46	Incl. Out:	10.2	Azm. Out:	46.2				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
6-May-10	00:00	00:10	0.17	888	925	Drilling	
6-May-10	00:10	00:15	0.08	925	925	Survey & Conn.	Survey & Conn.
6-May-10	00:15	00:30	0.25	925	945	Sliding	Survey & Conn.
6-May-10	00:30	00:45	0.25	945	1017	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	00:45	00:50	0.08	1017	1017	Survey & Conn.	Survey & Conn.
6-May-10	00:50	01:00	0.17	1017	1037	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	01:00	01:15	0.25	1037	1109	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	01:15	01:20	0.08	1109	1109	Survey & Conn.	Survey & Conn.
6-May-10	01:20	01:30	0.17	1109	1125	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	01:30	01:45	0.25	1125	1201	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	01:45	01:50	0.08	1201	1201	Survey & Conn.	Survey & Conn.
6-May-10	01:50	02:00	0.17	1201	1221	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	02:00	02:15	0.25	1221	1293	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	02:15	02:20	0.08	1293	1293	Survey & Conn.	Survey & Conn.
6-May-10	02:20	02:30	0.17	1293	1324	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	02:30	02:40	0.17	1324	1340	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	02:40	02:50	0.17	1340	1385	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
6-May-10	02:50	02:55	0.08	1385	1385	Survey & Conn.	Survey & Conn.
6-May-10	02:55	03:05	0.17	1385	1405	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	03:05	03:25	0.33	1405	1481	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	03:25	03:30	0.08	1481	1481	Survey & Conn.	Survey & Conn.
6-May-10	03:30	03:35	0.08	1481	1506	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	03:35	03:50	0.25	1506	1576	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	03:50	03:55	0.08	1576	1576	Survey & Conn.	Survey & Conn.
6-May-10	03:55	04:05	0.17	1576	1601	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	04:05	04:25	0.33	1601	1672	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	04:25	04:30	0.08	1672	1672	Survey & Conn.	Survey & Conn.
6-May-10	04:30	04:40	0.17	1672	1695	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	04:40	04:55	0.25	1695	1767	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	04:55	05:00	0.08	1767	1767	Survey & Conn.	Survey & Conn.
6-May-10	05:00	05:10	0.17	1767	1797	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	05:10	05:30	0.33	1797	1862	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	05:30	05:35	0.08	1862	1862	Survey & Conn.	Survey & Conn.
6-May-10	05:35	05:55	0.33	1862	1958	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	05:55	06:00	0.08	1958	1958	Survey & Conn.	Survey & Conn.
6-May-10	06:00	06:10	0.17	1958	1970	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	06:10	06:25	0.25	1970	2053	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	06:25	06:30	0.08	2053	2053	Survey & Conn.	Survey & Conn.
6-May-10	06:30	06:55	0.42	2053	2149	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	06:55	07:00	0.08	2149	2149	Survey & Conn.	Survey & Conn.
6-May-10	07:00	07:05	0.08	2149	2159	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	07:05	07:20	0.25	2159	2244	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	07:20	07:25	0.08	2244	2244	Survey & Conn.	Survey & Conn.
6-May-10	07:25	07:35	0.17	2244	2259	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	07:35	07:55	0.33	2259	2340	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	07:55	08:00	0.08	2340	2340	Survey & Conn.	Survey & Conn.
6-May-10	08:00	08:20	0.33	2340	2435	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	08:20	08:25	0.08	2435	2435	Survey & Conn.	Survey & Conn.
6-May-10	08:25	08:45	0.33	2435	2530	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	08:45	08:50	0.08	2530	2530	Survey & Conn.	Survey & Conn.
6-May-10	08:50	09:15	0.42	2530	2626	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	09:15	09:20	0.08	2626	2626	Survey & Conn.	Survey & Conn.
6-May-10	09:20	09:30	0.17	2626	2641	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	09:30	09:55	0.42	2641	2721	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	09:55	10:00	0.08	2721	2721	Survey & Conn.	Survey & Conn.
6-May-10	10:00	10:10	0.17	2721	2735	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	10:10	10:30	0.33	2735	2816	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	10:30	10:35	0.08	2816	2816	Survey & Conn.	Survey & Conn.
6-May-10	10:35	10:40	0.08	2816	2824	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	10:40	11:00	0.33	2824	2912	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	11:00	11:05	0.08	2912	2912	Survey & Conn.	Survey & Conn.
6-May-10	11:05	11:25	0.33	2912	3007	Drilling	Drilling - (WOB:18;GPM :548;RPM:45)
6-May-10	11:25	11:30	0.08	3007	3007	Survey & Conn.	Survey & Conn.
6-May-10	11:30	11:35	0.08	3007	3017	Sliding	Sliding - (WOB:18;GPM :548;TFO:0)
6-May-10	11:35	11:55	0.33	3017	3103	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
6-May-10	11:55	12:20	0.42	3103	3103	Rig Service-Inhole	Rig Service-Inhole
6-May-10	12:20	12:25	0.08	3103	3103	Survey & Conn.	Survey & Conn.
6-May-10	12:25	12:50	0.42	3103	3198	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	12:50	12:55	0.08	3198	3198	Survey & Conn.	Survey & Conn.
6-May-10	12:55	13:30	0.58	3198	3293	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	13:30	13:35	0.08	3293	3293	Survey & Conn.	Survey & Conn.
6-May-10	13:35	14:00	0.42	3293	3389	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	14:00	14:05	0.08	3389	3389	Survey & Conn.	Survey & Conn.
6-May-10	14:05	14:35	0.50	3389	3484	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	14:35	14:40	0.08	3484	3484	Survey & Conn.	Survey & Conn.
6-May-10	14:40	15:05	0.42	3484	3579	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	15:05	15:10	0.08	3579	3579	Survey & Conn.	Survey & Conn.
6-May-10	15:10	15:20	0.17	3579	3589	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
6-May-10	15:20	15:40	0.33	3589	3675	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	15:40	15:45	0.08	3675	3675	Survey & Conn.	Survey & Conn.
6-May-10	15:45	15:50	0.08	3675	3685	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
6-May-10	15:50	16:10	0.33	3685	3770	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	16:10	16:15	0.08	3770	3770	Survey & Conn.	Survey & Conn.
6-May-10	16:15	16:25	0.17	3770	3780	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
6-May-10	16:25	16:45	0.33	3780	3865	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	16:45	16:50	0.08	3865	3865	Survey & Conn.	Survey & Conn.
6-May-10	16:50	17:20	0.50	3865	3961	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	17:20	17:25	0.08	3961	3961	Survey & Conn.	Survey & Conn.
6-May-10	17:25	17:35	0.17	3961	3976	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
6-May-10	17:35	18:05	0.50	3976	4056	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	18:05	18:10	0.08	4056	4056	Survey & Conn.	Survey & Conn.
6-May-10	18:10	18:20	0.17	4056	4071	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
6-May-10	18:20	18:50	0.50	4071	4151	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	18:50	19:00	0.17	4151	4151	Survey & Conn.	Survey & Conn.
6-May-10	19:00	19:15	0.25	4151	4166	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
6-May-10	19:15	19:45	0.50	4166	4246	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	19:45	19:50	0.08	4246	4246	Survey & Conn.	Survey & Conn.
6-May-10	19:50	20:15	0.42	4246	4342	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	20:15	20:20	0.08	4342	4342	Survey & Conn.	Survey & Conn.
6-May-10	20:20	20:35	0.25	4342	4356	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
6-May-10	20:35	21:05	0.50	4356	4437	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	21:05	21:10	0.08	4437	4437	Survey & Conn.	Survey & Conn.
6-May-10	21:10	21:25	0.25	4437	4457	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	21:25	21:45	0.33	4457	4480	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
6-May-10	21:45	22:10	0.42	4480	4533	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	22:10	22:15	0.08	4533	4533	Survey & Conn.	Survey & Conn.
6-May-10	22:15	22:35	0.33	4533	4550	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
6-May-10	22:35	23:00	0.42	4550	4628	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	23:00	23:05	0.08	4628	4628	Survey & Conn.	Survey & Conn.
6-May-10	23:05	23:40	0.58	4628	4723	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	23:40	23:45	0.08	4723	4723	Survey & Conn.	Survey & Conn.
6-May-10	23:45	23:50	0.08	4723	4733	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
6-May-10	23:50	24:00	0.17	4733	4738	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)



<b>JOB NO.:</b>	20100506	<b>Report Time:</b>	2400	3 of 5
<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>Township:</b>		
<b>COUNTY:</b>	Garfield	<b>SECTRANGE:</b>		
<b>WELL NAME:</b>	GGU Federal 12D-33-691			

From Friday, May 07, 2010 at 0000 to Friday, May 07, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	4738.00	Rotary Hours	10.67	WOB	0	Pick UP	0	Slack Off	0	SPM	
End Depth	5898.00	Circulating Hours	4.92	RAB	0	SPP	0	FlowRate	0 - 548	0	
Total Drilled:	1160.00	Avg. Total ROP:	88.10	Mud Data							
Total Rotary Drilled:	1047.00	Avg. Rotary ROP:	98.16	Type				PV	0	SOLID	0
Total Drilled Sliding:	113.00	Avg. Slide ROP:	45.20	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	2.50	Percent Rotary:	90.26	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	9.74	Chlorides	0	WL	0			Oil %	0
PERSONNEL				CASING				BHA			
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth		BHA # 1:FXD56M 5x14's, 6 1/2 7/8 3.3 HR, UBHO, NMDC, Gap Sub, NMDC, 42 JNTS 4 1/2 HWDP,			
Second Directional :	Allen Rieser										
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell Energy Services										
Geologist:				Signature:							
Company Man:	Lynn Rich										
Incl. In:	10.2	Azm. In:	46.2	Incl. Out:	0.5	Azm. Out:	199.2				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
7-May-10	00:00	00:10	0.17	4738	4750	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
7-May-10	00:10	00:40	0.50	4750	4819	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	00:40	00:45	0.08	4819	4819	Survey & Conn.	Survey & Conn.
7-May-10	00:45	00:55	0.17	4819	4838	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	00:55	01:15	0.33	4838	4855	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
7-May-10	01:15	01:40	0.42	4855	4914	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	01:40	01:45	0.08	4914	4914	Survey & Conn.	Survey & Conn.
7-May-10	01:45	02:25	0.67	4914	5010	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	02:25	02:40	0.25	5010	5010	Survey & Conn.	Survey & Conn.
7-May-10	02:40	02:55	0.25	5010	5030	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
7-May-10	02:55	03:30	0.58	5030	5105	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	03:30	03:35	0.08	5105	5105	Survey & Conn.	Survey & Conn.
7-May-10	03:35	04:10	0.58	5105	5200	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	04:10	04:20	0.17	5200	5200	Survey & Conn.	Survey & Conn.
7-May-10	04:20	04:40	0.33	5200	5220	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
7-May-10	04:40	04:45	0.08	5220	5225	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	04:45	05:00	0.25	5225	5232	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
7-May-10	05:00	05:40	0.67	5232	5295	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	05:40	05:50	0.17	5295	5295	Survey & Conn.	Survey & Conn.
7-May-10	05:50	06:35	0.75	5295	5391	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	06:35	06:40	0.08	5391	5391	Survey & Conn.	Survey & Conn.
7-May-10	06:40	07:00	0.33	5391	5401	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
7-May-10	07:00	07:50	0.83	5401	5486	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	07:50	08:10	0.33	5486	5498	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
7-May-10	08:10	09:05	0.92	5498	5581	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	09:05	09:10	0.08	5581	5581	Survey & Conn.	Survey & Conn.
7-May-10	09:10	09:40	0.50	5581	5596	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
7-May-10	09:40	10:40	1.00	5596	5677	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	10:40	10:45	0.08	5677	5677	Survey & Conn.	Survey & Conn.
7-May-10	10:45	12:00	1.25	5677	5772	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	12:00	12:25	0.42	5772	5772	Rig Service-Inhole	Rig Service-Inhole
7-May-10	12:25	12:30	0.08	5772	5772	Survey & Conn.	Survey & Conn.
7-May-10	12:30	14:00	1.50	5772	5867	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	14:00	14:05	0.08	5867	5867	Survey & Conn.	Survey & Conn.
7-May-10	14:05	14:50	0.75	5867	5898	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
7-May-10	14:50	15:25	0.58	5898	5898	Circulating	Circulating
7-May-10	15:25	16:40	1.25	5898	5898	POOH	POOH
7-May-10	16:40	21:00	4.33	3500	2900	Circulating	Work tite hole
7-May-10	21:00	23:00	2.00	2900	0	POOH	POOH
7-May-10	23:00	24:00	1.00	0	0	Change BHA	X Bit & Motor





JOB NO.:	20100506	Report Time:	2400	4 of 5
Company:	BILL BARRETT CORP	API JOB #		
LOCATION:	Silt	WORK ORDER#		
RIG NAME:	Patterson 307	FIELD:	Mamm Creek	
STATE:	Colorado	Township:		
COUNTY:	Garfield	SECT\ RANGE:		
WELL NAME:	GGU Federal 12D-33-691			

From Saturday, May 08, 2010 at 0000 to Saturday, May 08, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	5898.00	Rotary Hours	12.75	WOB	25	Pick UP	185	Slack Off	145	SPM	
End Depth	7054.00	Circulating Hours	0.67	RAB	165	SPP	2800	FlowRate	0 - 588	132	
Total Drilled:	1156.00	Avg. Total ROP:	84.07	Mud Data							
Total Rotary Drilled:	1103.00	Avg. Rotary ROP:	86.51	Type				PV	22	SOLID	9
Total Drilled Sliding:	53.00	Avg. Slide ROP:	53.00	Weight	10	GAS	0	YP	21	BHT°	0
Slide Hours:	1.00	Percent Rotary:	95.42	Viscosity	50	SAND	1	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	4.58	Chlorides	900	WL	6.4			Oil %	0
PERSONNEL				CASING					BHA		
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth		BHA # 3:FX55, 6.5 Mtr.,7/8,3.3,.16 rev., Adj 1.83, UBHO, NMDC, Gap Sub, NMDC, 42 JNTS 4 1/2 HWDP,			
Second Directional :	Allen Rieser										
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell Energy Services										
Geologist:				Signature:							
Company Man:	Lynn Rich										
Incl. In:	0.5	Azm. In:	199.2	Incl. Out:	0.4	Azm. Out:	204.8				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-May-10	00:00	00:10	0.17	0	0	Other	Load MWD
8-May-10	00:10	03:20	3.17	0	5803	TIH	TIH
8-May-10	03:20	03:50	0.50	5803	5898	Reaming	TIH
8-May-10	03:50	04:00	0.17	5898	5904	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
8-May-10	04:00	04:25	0.42	5904	5928	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
8-May-10	04:25	04:45	0.33	5928	5963	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
8-May-10	04:45	04:50	0.08	5963	5963	Survey & Conn.	Survey & Conn.
8-May-10	04:50	05:35	0.75	5963	6058	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
8-May-10	05:35	05:40	0.08	6058	6058	Survey & Conn.	Survey & Conn.
8-May-10	05:40	06:15	0.58	6058	6153	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
8-May-10	06:15	06:20	0.08	6153	6153	Survey & Conn.	Survey & Conn.
8-May-10	06:20	07:05	0.75	6153	6249	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
8-May-10	07:05	07:10	0.08	6249	6249	Survey & Conn.	Survey & Conn.
8-May-10	07:10	07:20	0.17	6249	6263	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
8-May-10	07:20	07:55	0.58	6263	6344	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
8-May-10	07:55	08:00	0.08	6344	6344	Survey & Conn.	Survey & Conn.
8-May-10	08:00	08:50	0.83	6344	6439	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-May-10	08:50	08:55	0.08	6439	6439	Survey & Conn.	Survey & Conn.
8-May-10	08:55	09:35	0.67	6439	6535	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
8-May-10	09:35	09:40	0.08	6535	6535	Survey & Conn.	Survey & Conn.
8-May-10	09:40	10:45	1.08	6535	6630	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
8-May-10	10:45	10:50	0.08	6630	6630	Survey & Conn.	Survey & Conn.
8-May-10	10:50	11:15	0.42	6630	6645	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
8-May-10	11:15	12:30	1.25	6645	6726	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
8-May-10	12:30	12:35	0.08	6726	6726	Survey & Conn.	Survey & Conn.
8-May-10	12:35	13:45	1.17	6726	6821	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
8-May-10	13:45	13:50	0.08	6821	6821	Survey & Conn.	Survey & Conn.
8-May-10	13:50	15:15	1.42	6821	6917	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
8-May-10	15:15	15:20	0.08	6917	6917	Survey & Conn.	Survey & Conn.
8-May-10	15:20	17:10	1.83	6917	7012	Drilling	Drilling - (WOB:25;GPM :548;RPM:45)
8-May-10	17:10	17:15	0.08	7012	7012	Survey & Conn.	Survey & Conn.
8-May-10	17:15	18:35	1.33	7012	7054	Drilling	Drilling - (WOB:25;GPM :588;RPM:45)
8-May-10	18:35	18:40	0.08	7054	7054	Other	Check shot
8-May-10	18:40	18:50	0.17	7054	7054	Circulating	pump slug
8-May-10	18:50	21:55	3.08	7054	7054	POOH	POOH
8-May-10	21:55	23:20	1.42	7054	7054	Change BHA	Change Motor & Bit
8-May-10	23:20	24:00	0.67	7054	7054	TIH	TIH



<b>JOB NO.:</b>	20100506	<b>Report Time:</b>	2400	5 of 5
<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>Township:</b>		
<b>COUNTY:</b>	Garfield	<b>SECTRANGE:</b>		
<b>WELL NAME:</b>	GGU Federal 12D-33-691			

From Sunday, May 09, 2010 at 0000 to Sunday, May 09, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	7054.00	Rotary Hours	6.33	WOB	25	Pick UP	230	Slack Off	160	SPM	
End Depth	7680.00	Circulating Hours	1.50	RAB	177	SPP	3100	FlowRate	0 - 588	132	
Total Drilled:	626.00	Avg. Total ROP:	90.51	Mud Data							
Total Rotary Drilled:	599.00	Avg. Rotary ROP:	94.58	Type				PV	0	SOLID	0
Total Drilled Sliding:	27.00	Avg. Slide ROP:	46.29	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.58	Percent Rotary:	95.69	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	14.75	Percent Slide:	4.31	Chlorides	0	WL	0			Oil %	0
PERSONNEL				CASING				BHA			
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth	BHA # 3:FX55, 6.5 Mtr.,7/8,3.3,.16 rev., Adj 1.83, UBHO, NMDC, Gap Sub, NMDC, 42 JNTS 4 1/2 HWDP,				
Second Directional :	Allen Rieser			Signature:							
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell Energy Services										
Geologist:											
Company Man:	Lynn Rich										
Incl. In:	0.4	Azm. In:	204.8	Incl. Out:	0	Azm. Out:	0				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
9-May-10	00:00	01:55	1.92	7054	7054	TIH	
9-May-10	01:55	02:10	0.25	7054	7054	Reaming	TIH
9-May-10	02:10	02:20	0.17	7054	7064	Drilling	Drilling - (WOB:25;GPM :588;RPM:45)
9-May-10	02:20	02:35	0.25	7064	7076	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
9-May-10	02:35	03:00	0.42	7076	7108	Drilling	Drilling - (WOB:25;GPM :588;RPM:45)
9-May-10	03:00	03:05	0.08	7108	7108	Survey & Conn.	Survey & Conn.
9-May-10	03:05	04:15	1.17	7108	7203	Drilling	Drilling - (WOB:25;GPM :588;RPM:45)
9-May-10	04:15	04:20	0.08	7203	7203	Survey & Conn.	Survey & Conn.
9-May-10	04:20	04:40	0.33	7203	7218	Sliding	Sliding - (WOB:25;GPM :548;TFO:0)
9-May-10	04:40	05:15	0.58	7218	7298	Drilling	Drilling - (WOB:25;GPM :588;RPM:45)
9-May-10	05:15	05:20	0.08	7298	7298	Survey & Conn.	Survey & Conn.
9-May-10	05:20	06:10	0.83	7298	7394	Drilling	Drilling - (WOB:25;GPM :588;RPM:45)
9-May-10	06:10	06:15	0.08	7394	7394	Survey & Conn.	Survey & Conn.
9-May-10	06:15	07:15	1.00	7394	7489	Drilling	Drilling - (WOB:25;GPM :588;RPM:45)
9-May-10	07:15	07:20	0.08	7489	7489	Survey & Conn.	Survey & Conn.
9-May-10	07:20	08:40	1.33	7489	7584	Drilling	Drilling - (WOB:25;GPM :588;RPM:45)
9-May-10	08:40	08:45	0.08	7584	7584	Survey & Conn.	Survey & Conn.



Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
9-May-10	08:45	09:35	0.83	7584	7680	Drilling	Drilling - (WOB:25;GPM :588;RPM:45)
9-May-10	09:35	09:40	0.08	7680	7680	Survey & Conn.	Survey & Conn.
9-May-10	09:40	10:55	1.25	7680	7680	Circulating	Circulating
9-May-10	10:55	14:00	3.08	7680	7680	POOH	POOH
9-May-10	14:00	14:45	0.75	7680	7680	Other	L/D Directional Tools

# Well Information

**BHA #** 1

**JOB NO.:** 20100506  
**Company:** BILL BARRETT CORP  
**LOCATION:** Silt  
**RIG NAME:** Patterson 307  
**STATE:** Colorado  
**COUNTY:** Garfield  
**WELL NAME:** GGU Federal 12D-33-691

**FIELD:** Mamm Creek  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Stan Simms  
**Co. Man:** Lynn Rich  
**BHA TYPE:** Steerable Assembly

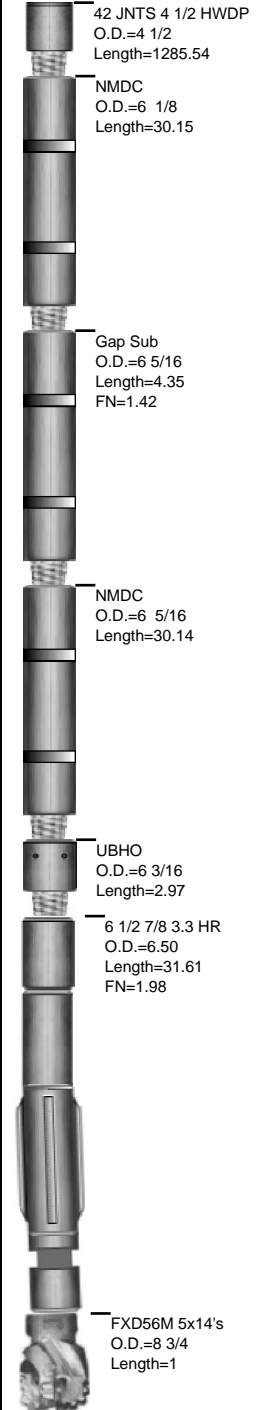
## BHA Summary Information

TIME IN - OUT			Rotary Hours		26.58		Start Depth			834.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		38.67 / 4.92		End Depth			5898.00				
05-May-10 @ 22:30	07-May-10 @ 24:00	Slide Hours		7.17		Percent Rotary:			89.22		45 -45	376 -548	
		Below Rotary Hrs.		49.50		Percent Slide:			10.78				
Total Drilled:			5064.00		Avg. Total ROP:		150.04		Incl.		Azimuth		
Total Rotary Drilled:			4518.00		Avg. Rotary ROP:		169.96		IN	OUT	IN	OUT	
Total Drilled Sliding:			546.00		Avg. Slide ROP:		76.19		.5	.0	259.29	.00	
SPP	1550 -5600	Weights	SO	44 -155	PU	46 -160	RAB	44 -158	Reason POOH			PR	

Bit Data							MOTOR DATA							Mud Data						
Security		FXD56M 5x14's					6.5 Hunting , 7/8 stg, 3.3 lobe,.16 rev.							Type						
Type Bit				PDC			Model: 650				Pad OD			WT 0 GAS 0 Solids 0						
TFA		0.751					MFG. Hunting				6.75			Vis 0 SAND 0 T ° 0						
JETS			14	14	14	14	14	Bend ° 1.83		Stator/Rotor		7/8		PV 0 PH 0 Chlor 0						
			0	0	0	0	0	Bit to Bend 6.22		Motor Diff 350		YP 0 WL 0 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:		0 PSI @ 548 GPM					Sensor Offsets				Type									
Comments				Sensor	47	Sonic	0	Liner			.00			.00						
				Gamma	0	DNCS	825	Stroke			.00			.00						
				Restiv	0	GYRO	0	Efficiency			.00			.00						

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FXD56M 5x14's	11491208		8 3/4	1.00	1.00	4 1/2 REGP
2	6 1/2 7/8 3.3 HR	6179		6.50	31.61	32.61	4 1/2 XHB
3	UBHO	UB-CS-001	2.75	6 3/16	2.97	35.58	4 1/2 XHB
4	NMDC	650-300-314	3.25	6 5/16	30.14	65.72	4 1/2 XHB
5	Gap Sub	G65-001SW	3.25	6 5/16	4.35	70.07	4 1/2 XHB
6	NMDC	650-300-032	3.25	6 1/8	30.15	100.22	4 1/2 XHB
7	42 JNTS 4 1/2 HWDP	RIG	2 7/8	4 1/2	1,285.54	1385.76	4 1/2 XHB



# Well Information

**BHA #** 2

**JOB NO.:** 20100506  
**Company:** BILL BARRETT CORP  
**LOCATION:** Silt  
**RIG NAME:** Patterson 307  
**STATE:** Colorado  
**COUNTY:** Garfield  
**WELL NAME:** GGU Federal 12D-33-691

**FIELD:** Mamm Creek  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Stan Simms  
**Co. Man:** Lynn Rich  
**BHA TYPE:** Steerable Assembly

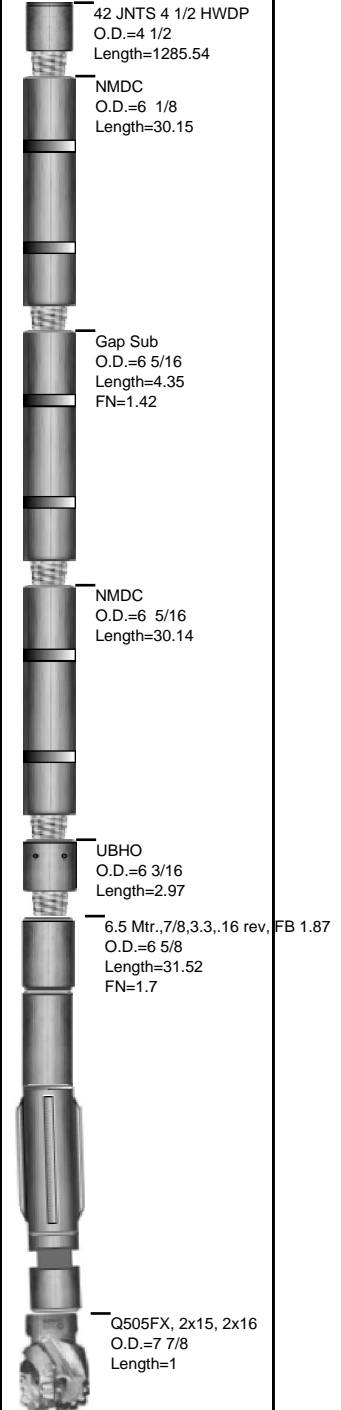
## BHA Summary Information

TIME IN - OUT		Rotary Hours		12.75	Start Depth		5898.00		RPM Range	Flow Rate	
Start Time	End Time	Circ Hrs Tot/Only		14.42 / .67	End Depth		7054.00				
08-May-10 @ 00:00	08-May-10 @ 23:20	Slide Hours		1.00	Percent Rotary:		95.42		45 -45	548 -588	
		Below Rotary Hrs.		23.33	Percent Slide:		4.58				
Total Drilled:		1156.00		Avg. Total ROP:		84.07		Incl.		Azimuth	
Total Rotary Drilled:		1103.00		Avg. Rotary ROP:		86.51		IN	OUT	IN	OUT
Total Drilled Sliding:		53.00		Avg. Slide ROP:		53.00		.0	.0	.00	.00
SPP	2800 -2800	Weights	SO	145 -145	PU	185 -185	RAB	165 -165	Reason POOH		

Bit Data								MOTOR DATA								Mud Data							
Hughes		Q505FX, 2x15, 2x16						6.5 Hunting , 7/8 stg, 3.3 lobe,.16 rev.								Type							
Type Bit				PDC				Model: 650				Pad OD				WT 10		GAS 0		Solids 9			
TFA		0.934						MFG. Hunting				6 5/8				Vis 50		SAND 1		T ° 0			
JETS			15	15	16	16	16	Bend ° 1.87		Stator/Rotor 7/8		Bit to Bend 6.08		Motor Diff 350		PV 22		PH 0		Chlor 900			
			0	0	0	0	0	Rev/GAL 0.16		BHT° 0						YP 21		WL 6.4		Oil % 0			
Bit Coding				IADC#								NB Stab 0		PUMPS		PUMP1		PUMP1					
IR	OR	DL	Loc	BS	G	ODL					Rotor Jet 0		NAME										
3	3	ER											Model										
Bit Drop:			365 PSI @ 588 GPM					Sensor Offsets				Type											
Comments						Sensor	47	Sonic	0	Liner													
						Gamma	0	DNsc	5898	Stroke													
						Restiv	0	GYRO	0	Efficiency													

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Q505FX, 2x15, 2x16	7125226		7 7/8	1.00	1.00	4 1/2 REGP
2	6.5 Mtr., 7/8, 3.3, .16 rev, FB 1.87	6137		6 5/8	31.52	32.52	4 1/2 XHB
3	UBHO	UB-CS-001	2.75	6 3/16	2.97	35.49	4 1/2 XHB
4	NMDC	650-300-314	3.25	6 5/16	30.14	65.63	4 1/2 XHB
5	Gap Sub	G65-001SW	3.25	6 5/16	4.35	69.98	4 1/2 XHB
6	NMDC	650-300-032	3.25	6 1/8	30.15	100.13	4 1/2 XHB
7	42 JNTS 4 1/2 HWDP	RIG	2 7/8	4 1/2	1,285.54	1385.67	4 1/2 XHB



# Well Information

**BHA #** 3

**JOB NO.:** 20100506  
**Company:** BILL BARRETT CORP  
**LOCATION:** Silt  
**RIG NAME:** Patterson 307  
**STATE:** Colorado  
**COUNTY:** Garfield  
**WELL NAME:** GGU Federal 12D-33-691

**FIELD:** Mamm Creek  
**Township:**  
**SECT. RANGE:**  
**Lead DD:** Stan Simms  
**Co. Man:** Lynn Rich  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

TIME IN - OUT		Rotary Hours		6.33		Start Depth		7054.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		8.42 / 1.50		End Depth		7680.00			
08-May-10 @ 23:20	09-May-10 @ 14:45	Slide Hours		.58		Percent Rotary:		95.69		45 -45	548 -588
		Below Rotary Hrs.		15.42		Percent Slide:		4.31			
Total Drilled:		626.00		Avg. Total ROP:		90.51		Incl.		Azimuth	
Total Rotary Drilled:		599.00		Avg. Rotary ROP:		94.58		IN OUT		IN OUT	
Total Drilled Sliding:		27.00		Avg. Slide ROP:		46.29		.0 .0		.00 .00	
SPP	3100 -3100	Weights	SO	160 -160	PU	230 -230	RAB	177 -177	Reason POOH		

Bit Data							MOTOR DATA					Mud Data						
Security		FX55					6.5 Hunting , 7/8 stg, 3.3 lobe,.16 rev.					Type						
Type Bit			PDC				Model: 650		Pad OD			WT	0	GAS	0	Solids	0	
TFA		0.934					MFG. Hunting		6 5/8			Vis	0	SAND	0	T °	0	
JETS		16	16	16	15	15	Bend °	1.87	Stator/Rotor		7/8		PV	0	PH	0	Chlor	0
		0	0	0	0	0	Bit to Bend	6.08	Motor Diff		350		YP	0	WL	0	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							
0	0										Model							
Bit Drop:		0 PSI @ 588 GPM					Sensor Offsets					Type						
Comments				Sensor	47	Sonic	0	Liner					.00	.00				
				Gamma	0	DNsc	0	Stroke					.00	.00				
				Restiv	0	GYRO	0	Efficiency					.00	.00				

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FX55	11398194		7 7/8	1.00	1.00	4 1/2 REGP
2	6.5 Mtr., 7/8, 3.3, .16 rev., Adj 1.83	6355		6 1/2	31.56	32.56	4 1/2 XHB
3	UBHO	UB-CS-001	2.75	6 3/16	2.97	35.53	4 1/2 XHB
4	NMDC	650-300-314	3.25	6 5/16	30.14	65.67	4 1/2 XHB
5	Gap Sub	G65-001SW	3.25	6 5/16	4.35	70.02	4 1/2 XHB
6	NMDC	650-300-032	3.25	6 1/8	30.15	100.17	4 1/2 XHB
7	42 JNTS 4 1/2 HWDP	RIG	2 7/8	4 1/2	1,285.54	1385.71	4 1/2 XHB

