



Well Name and Number:

GGU Federal 12D-28-691

Patterson 313
Garfield County, Colorado

Directional Services Provided By:

Sharewell Energy Services, LP





September 10, 2010

Troy Schindler
Drilling Manager

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

Well Reference: **GGU Federal 12D-28-691**
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 Corporation

Bill Barrett Corp.

Garfield County, Colorado

MDP 9 Pad

GGU Federal 12D-28-691

Wellbore #1

Survey: Surveys

Standard Survey Report

10 September, 2010

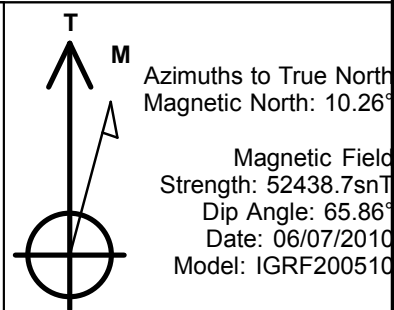
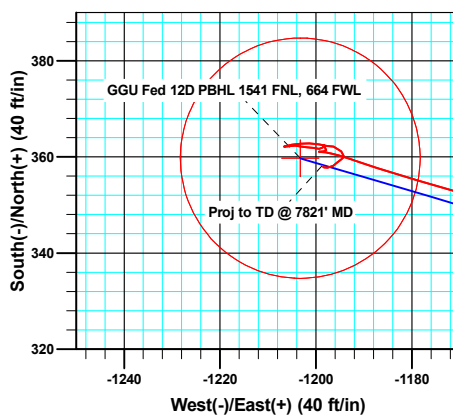
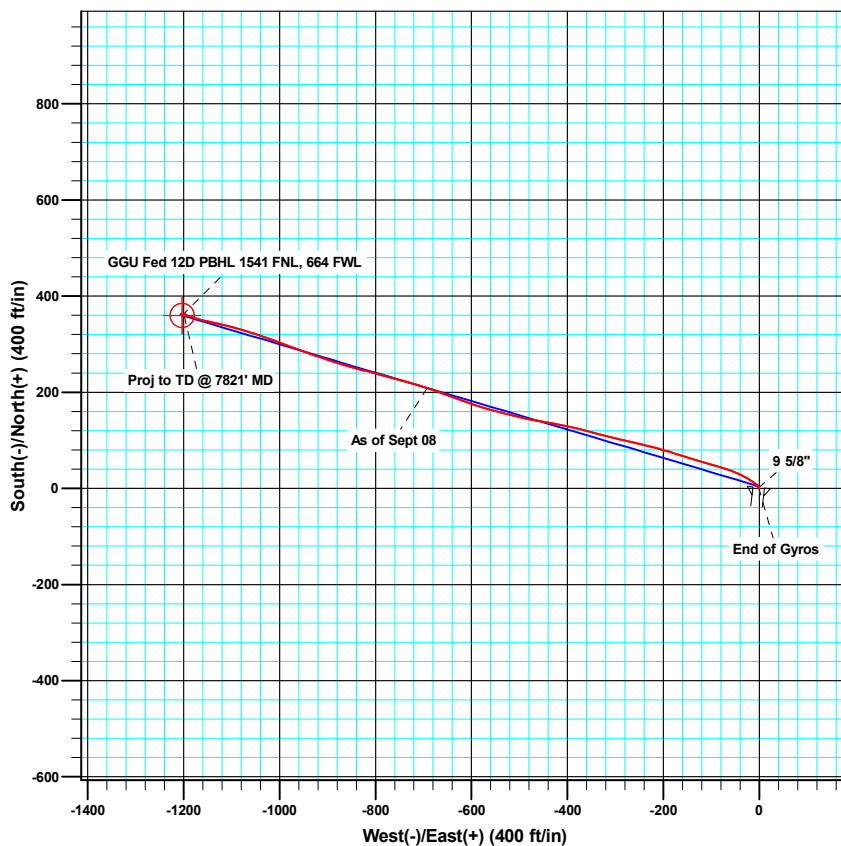
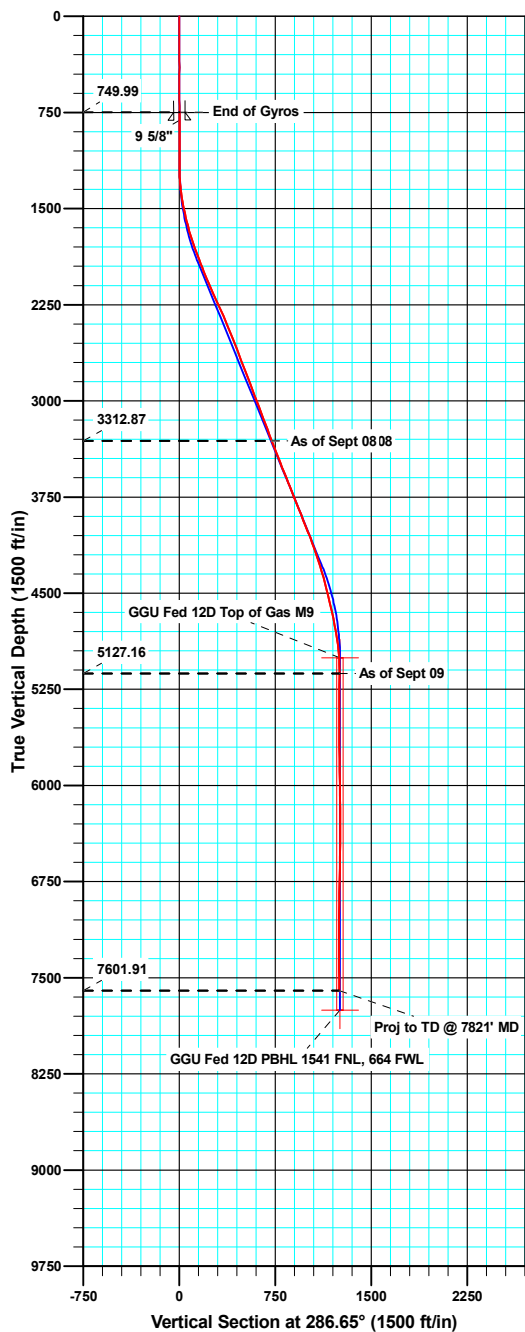




WELL DETAILS: GGU Federal 12D-28-691

Ground Level: 6332.00

North American Datum 1983 , US State Plane 1983 , Colorado Central Zone
 +N/-S +E/-W Northing Easting Latitude Longitude
 0.00 0.00 1613977.10 2418220.03 39° 30' 3.66 N 107° 33' 42.87 W



ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	V/Sect	Departure	Annotation
3312.87	3444.00	21.40	288.20	208.46	-692.02	722.73	727.82	As of Sept 08
5127.16	5346.00	0.90	99.40	361.10	-1199.40	1252.58	1259.75	As of Sept 09
7601.91	7821.00	0.60	306.60	358.15	-1198.72	1251.08	1293.69	Proj to TD @ 7821' MD

Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well GGU Federal 12D-28-691
Project:	Garfield County, Colorado	TVD Reference:	KB @ 6354.00ft
Site:	MDP 9 Pad	MD Reference:	KB @ 6354.00ft
Well:	GGU Federal 12D-28-691	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 9 Pad			
Site Position:		Northing:	1,613,962.06 usft	Latitude:	39° 30' 3.52 N
From:	Lat/Long	Easting:	2,418,224.77 usft	Longitude:	107° 33' 42.80 W
Position Uncertainty:	0.00 ft	Slot Radius:	0.00 ft	Grid Convergence:	-1.30 °

Well		GGU Federal 12D-28-691				
Well Position	+N/-S	0.00 ft	Northing:	1,613,977.10 usft	Latitude:	39° 30' 3.66 N
	+E/-W	0.00 ft	Easting:	2,418,220.03 usft	Longitude:	107° 33' 42.87 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,332.00 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	06/07/10	10.26	65.86	52,439

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	286.65	

Survey Program	Date	09/10/10			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
50.00	750.00	Gyro Surveys (Wellbore #1)	MWD	MWD - Standard	
878.00	7,821.00	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)	
750.00	0.28	337.47	749.99	1.38	-1.39	1.73	0.00	0.00	0.00	
811.40	0.31	6.55	811.39	1.69	-1.43	1.85	0.24	0.04	47.36	
9 5/8"										
878.00	0.40	28.20	877.99	2.07	-1.30	1.84	0.24	0.14	32.51	
970.00	0.40	29.00	969.99	2.63	-0.99	1.70	0.01	0.00	0.87	
1,066.00	0.40	271.20	1,065.99	2.93	-1.16	1.95	0.71	0.00	-122.71	
1,161.00	0.70	53.20	1,160.98	3.29	-1.03	1.93	1.10	0.32	149.47	
1,256.00	2.70	309.80	1,255.95	5.07	-2.28	3.64	3.10	2.11	-108.84	
1,351.00	6.90	306.10	1,350.60	9.86	-8.62	11.08	4.43	4.42	-3.89	
1,446.00	10.60	302.30	1,444.47	17.90	-20.62	24.88	3.94	3.89	-4.00	

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Project:	Garfield County, Colorado	TVD Reference:	KB @ 6354.00ft
Site:	MDP 9 Pad	MD Reference:	KB @ 6354.00ft
Well:	GGU Federal 12D-28-691	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)
1,541.00	12.80	296.00	1,537.50	27.18	-37.46	43.68	2.67	2.32	-6.63
1,637.00	14.90	290.90	1,630.71	36.25	-58.56	66.49	2.53	2.19	-5.31
1,732.00	17.80	286.90	1,721.86	44.83	-83.87	93.19	3.27	3.05	-4.21
1,827.00	20.40	286.10	1,811.62	53.64	-113.67	124.28	2.75	2.74	-0.84
1,922.00	19.60	286.90	1,900.89	62.86	-144.83	156.77	0.89	-0.84	0.84
2,017.00	21.70	287.60	1,989.78	72.81	-176.82	190.26	2.23	2.21	0.74
2,112.00	24.20	284.40	2,077.26	82.96	-212.42	227.29	2.94	2.63	-3.37
2,207.00	24.30	283.20	2,163.88	92.27	-250.31	266.26	0.53	0.11	-1.26
2,302.00	24.60	282.90	2,250.36	101.15	-288.62	305.50	0.34	0.32	-0.32
2,398.00	22.90	284.90	2,338.22	110.41	-326.15	344.11	1.96	-1.77	2.08
2,492.00	23.30	284.80	2,424.69	119.86	-361.80	380.97	0.43	0.43	-0.11
2,588.00	21.40	282.20	2,513.47	128.41	-397.28	417.41	2.23	-1.98	-2.71
2,683.00	21.20	280.40	2,601.99	135.18	-431.11	451.77	0.72	-0.21	-1.89
2,778.00	21.30	279.00	2,690.53	140.98	-465.05	485.95	0.54	0.11	-1.47
2,873.00	20.80	284.00	2,779.19	147.76	-498.46	519.90	1.96	-0.53	5.26
2,968.00	20.90	284.00	2,867.97	155.94	-531.27	553.68	0.11	0.11	0.00
3,063.00	20.90	284.70	2,956.72	164.34	-564.10	587.54	0.26	0.00	0.74
3,158.00	20.90	289.40	3,045.48	174.27	-596.48	621.40	1.76	0.00	4.95
3,253.00	20.80	290.30	3,134.26	185.75	-628.28	655.16	0.35	-0.11	0.95
3,348.00	20.40	290.00	3,223.18	197.26	-659.66	688.52	0.44	-0.42	-0.32
3,444.00	21.40	288.20	3,312.87	208.46	-692.02	722.73	1.24	1.04	-1.88
3,539.00	21.90	285.60	3,401.17	218.63	-725.55	757.77	1.14	0.53	-2.74
3,634.00	20.80	285.40	3,489.65	227.88	-758.88	792.35	1.16	-1.16	-0.21
3,729.00	23.10	285.40	3,577.75	237.31	-793.11	827.85	2.42	2.42	0.00
3,824.00	20.70	283.20	3,665.89	246.09	-827.43	863.25	2.67	-2.53	-2.32
3,919.00	21.70	286.50	3,754.47	254.91	-860.62	897.57	1.64	1.05	3.47
4,014.00	22.70	289.10	3,842.42	265.90	-894.78	933.45	1.48	1.05	2.74
4,109.00	21.10	287.70	3,930.57	277.10	-928.40	968.87	1.77	-1.68	-1.47
4,204.00	22.40	291.50	4,018.81	288.93	-961.53	1,004.00	2.02	1.37	4.00
4,299.00	20.50	290.20	4,107.22	301.31	-993.99	1,038.64	2.06	-2.00	-1.37
4,395.00	18.80	288.70	4,197.63	312.08	-1,024.42	1,070.88	1.85	-1.77	-1.56
4,490.00	17.10	288.30	4,288.00	321.37	-1,052.18	1,100.14	1.79	-1.79	-0.42
4,585.00	15.50	287.50	4,379.18	329.57	-1,077.55	1,126.80	1.70	-1.68	-0.84
4,680.00	14.70	284.50	4,470.90	336.41	-1,101.32	1,151.54	1.18	-0.84	-3.16
4,775.00	13.10	281.80	4,563.12	341.63	-1,123.53	1,174.31	1.82	-1.68	-2.84
4,870.00	12.30	281.20	4,655.79	345.80	-1,144.00	1,195.11	0.85	-0.84	-0.63
4,965.00	11.00	286.70	4,748.84	350.37	-1,162.61	1,214.25	1.80	-1.37	5.79
5,060.00	9.10	286.10	4,842.37	355.06	-1,178.51	1,230.83	2.00	-2.00	-0.63
5,156.00	6.40	289.10	4,937.49	358.91	-1,190.86	1,243.77	2.84	-2.81	3.13
5,251.00	2.60	277.70	5,032.18	360.93	-1,198.00	1,251.19	4.09	-4.00	-12.00
5,346.00	0.90	99.40	5,127.16	361.10	-1,199.40	1,252.58	3.68	-1.79	-187.68
5,441.00	0.40	62.60	5,222.15	361.13	-1,198.37	1,251.60	0.66	-0.53	-38.74
5,536.00	0.30	55.30	5,317.15	361.43	-1,197.87	1,251.21	0.12	-0.11	-7.68

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Site:	MDP 9 Pad	MD Reference:	KB @ 6354.00ft
Well:	GGU Federal 12D-28-691	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	0.40	296.20	5,413.15	361.72	-1,197.97	1,251.38	0.63	0.10	-124.06
5,727.00	0.50	358.00	5,508.14	362.28	-1,198.28	1,251.84	0.49	0.11	65.05
5,822.00	0.30	211.40	5,603.14	362.48	-1,198.42	1,252.03	0.81	-0.21	-154.32
5,917.00	0.40	193.60	5,698.14	361.94	-1,198.63	1,252.08	0.15	0.11	-18.74
6,012.00	0.70	275.30	5,793.14	361.68	-1,199.29	1,252.63	0.79	0.32	86.00
6,107.00	0.90	280.30	5,888.13	361.86	-1,200.60	1,253.94	0.22	0.21	5.26
6,202.00	0.80	272.30	5,983.12	362.02	-1,201.99	1,255.33	0.16	-0.11	-8.42
6,298.00	0.50	289.80	6,079.11	362.19	-1,203.06	1,256.39	0.37	-0.31	18.23
6,393.00	1.10	271.80	6,174.10	362.36	-1,204.36	1,257.69	0.68	0.63	-18.95
6,488.00	1.30	258.60	6,269.08	362.18	-1,206.33	1,259.52	0.36	0.21	-13.89
6,583.00	0.90	74.60	6,364.08	362.16	-1,206.66	1,259.84	2.31	-0.42	185.26
6,678.00	1.20	77.60	6,459.06	362.57	-1,204.97	1,258.34	0.32	0.32	3.16
6,773.00	1.00	89.90	6,554.04	362.79	-1,203.17	1,256.67	0.32	-0.21	12.95
6,868.00	1.10	87.20	6,649.03	362.83	-1,201.43	1,255.02	0.12	0.11	-2.84
6,963.00	1.40	103.80	6,744.00	362.60	-1,199.39	1,253.00	0.49	0.32	17.47
7,058.00	0.70	94.50	6,838.99	362.28	-1,197.69	1,251.28	0.76	-0.74	-9.79
7,154.00	0.90	95.50	6,934.98	362.16	-1,196.35	1,249.96	0.21	0.21	1.04
7,249.00	1.60	136.60	7,029.96	361.13	-1,194.70	1,248.08	1.15	0.74	43.26
7,344.00	0.40	242.20	7,124.94	360.01	-1,194.08	1,247.17	1.84	-1.26	111.16
7,439.00	0.60	227.30	7,219.94	359.52	-1,194.74	1,247.66	0.25	0.21	-15.68
7,534.00	0.70	236.80	7,314.93	358.86	-1,195.59	1,248.29	0.15	0.11	10.00
7,629.00	0.60	219.40	7,409.93	358.16	-1,196.39	1,248.85	0.23	-0.11	-18.32
7,724.00	1.10	267.30	7,504.92	357.73	-1,197.62	1,249.91	0.87	0.53	50.42
7,776.00	0.60	306.00	7,556.91	357.87	-1,198.34	1,250.63	1.41	-0.96	74.42
7,821.00	0.60	306.60	7,601.91	358.15	-1,198.72	1,251.08	0.01	0.00	1.33

Casing Points				
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (ft)	Hole Diameter (ft)
811.40	811.39	9 5/8"	0.80	1.02

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
3,444.00	3,312.87	208.46	-692.02	As of Sept 08
5,346.00	5,127.16	361.10	-1,199.40	As of Sept 09
7,821.00	7,601.91	358.15	-1,198.72	Proj to TD @ 7821' MD

Checked By: _____ Approved By: _____ Date: _____



SDI Job #:	20100905	Report Time:	2400	1 of 4
COMPANY:	Bill Barrett	API JOB #		
LOCATION:	Silt	WORK ORDER#		
RIG NAME:	Patterson 313	FIELD:	MDP 9 Pad	
STATE:	Colorado	Sec-Twn-Rng:		
COUNTY:	Garfield	AFE# & District		
WELL NAME:	GGU FED 12D-28-691			

From Tuesday, September 07, 2010 at 0000 to Tuesday, September 07, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	834.00	Rotary Hours	4.75	WOB	20	Pick UP	0	Slack Off	0	SPM	
End Depth	2633.00	Circulating Hours	0.73	RAB	0	SPP	1350	FlowRate	0 - 52	120	
Total Drilled:	1799.00	Avg. Total ROP:	269.18	Mud Data							
Total Rotary Drilled:	1526.00	Avg. Rotary ROP:	321.26	Type				PV	0	SOLID	0
Total Drilled Sliding:	273.00	Avg. Slide ROP:	141.21	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	1.93	Percent Rotary:	84.82	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	10.00	Percent Slide:	15.18	Chlorides	0	WL	0			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Brandon Pounds			Size	Lb/ft	Set Depth		BHA # 1:FXD56M, 6 1/2 Motor, UBHO, Monel, Gap Sub, Monel, 10 Stds HWDP,			
Second Directional :	Ricky Harris										
MWD Operator1	James Hope										
MWD Operator2											
Directional Company:	Sharewell						Signature:				
Geologist:											
Company Man:	Robert Schultz										
Incl. In:	0.28	Azm. In:	337.47	Incl. Out:	23.3	Azm. Out:	284.8				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
7-Sep-10	00:00	14:00	14.00	834	834	Test BOPS	Test BOP
7-Sep-10	14:00	14:30	0.50	834	834	Change BHA	Change BHA
7-Sep-10	14:30	15:00	0.50	834	834	TIH	TIH
7-Sep-10	15:00	15:30	0.50	834	834	Circulating	Circulating
7-Sep-10	15:30	15:50	0.33	834	834	Drilling Cement	Drilling Cement
7-Sep-10	15:50	15:55	0.08	834	834	Survey & Conn.	Survey & Conn.
7-Sep-10	15:55	16:13	0.30	834	923	Drilling	Drilling
7-Sep-10	16:13	16:18	0.08	923	923	Survey & Conn.	Survey & Conn.
7-Sep-10	16:18	16:38	0.33	923	1015	Drilling	Drilling - (WOB:0;GPM :0;RPM:0)
7-Sep-10	16:38	16:43	0.08	1015	1015	Survey & Conn.	Survey & Conn.
7-Sep-10	16:43	16:56	0.22	1015	1111	Drilling	Drilling - (WOB:0;GPM :0;RPM:0)
7-Sep-10	16:56	17:01	0.08	1111	1111	Survey & Conn.	Survey & Conn.
7-Sep-10	17:01	17:12	0.18	1111	1206	Drilling	Drilling - (WOB:0;GPM :0;RPM:0)
7-Sep-10	17:12	17:17	0.08	1206	1206	Survey & Conn.	Survey & Conn.
7-Sep-10	17:17	17:30	0.22	1206	1236	Sliding	Sliding
7-Sep-10	17:30	17:41	0.18	1236	1301	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	17:41	17:46	0.08	1301	1301	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
7-Sep-10	17:46	18:00	0.23	1301	1301	Rig Service-Inhole	Rig Service-Inhole
7-Sep-10	18:00	18:15	0.25	1301	1341	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
7-Sep-10	18:15	18:23	0.13	1341	1396	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	18:23	18:28	0.08	1396	1396	Survey & Conn.	Survey & Conn.
7-Sep-10	18:28	18:39	0.18	1396	1426	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
7-Sep-10	18:39	18:48	0.15	1426	1491	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	18:48	18:53	0.08	1491	1491	Survey & Conn.	Survey & Conn.
7-Sep-10	18:53	19:01	0.13	1491	1511	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
7-Sep-10	19:01	19:13	0.20	1511	1586	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	19:13	19:18	0.08	1586	1586	Survey & Conn.	Survey & Conn.
7-Sep-10	19:18	19:29	0.18	1586	1611	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
7-Sep-10	19:29	19:42	0.22	1611	1682	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	19:42	19:47	0.08	1682	1682	Survey & Conn.	Survey & Conn.
7-Sep-10	19:47	19:59	0.20	1682	1707	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
7-Sep-10	19:59	20:12	0.22	1707	1777	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	20:12	20:17	0.08	1777	1777	Survey & Conn.	Survey & Conn.
7-Sep-10	20:17	20:28	0.18	1777	1797	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
7-Sep-10	20:28	20:42	0.23	1797	1872	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	20:42	20:47	0.08	1872	1872	Survey & Conn.	Survey & Conn.
7-Sep-10	20:47	21:04	0.28	1872	1967	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	21:04	21:09	0.08	1967	1967	Survey & Conn.	Survey & Conn.
7-Sep-10	21:09	21:20	0.18	1967	1990	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
7-Sep-10	21:20	21:36	0.27	1990	2062	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	21:36	21:41	0.08	2062	2062	Survey & Conn.	Survey & Conn.
7-Sep-10	21:41	21:52	0.18	2062	2087	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
7-Sep-10	21:52	22:06	0.23	2087	2157	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	22:06	22:11	0.08	2157	2157	Survey & Conn.	Survey & Conn.
7-Sep-10	22:11	22:28	0.28	2157	2252	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	22:28	22:33	0.08	2252	2252	Survey & Conn.	Survey & Conn.
7-Sep-10	22:33	22:49	0.27	2252	2347	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	22:49	22:54	0.08	2347	2347	Survey & Conn.	Survey & Conn.
7-Sep-10	22:54	23:01	0.12	2347	2367	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
7-Sep-10	23:01	23:15	0.23	2367	2443	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	23:15	23:20	0.08	2443	2443	Survey & Conn.	Survey & Conn.
7-Sep-10	23:20	23:36	0.27	2443	2537	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
7-Sep-10	23:36	23:41	0.08	2537	2537	Survey & Conn.	Survey & Conn.
7-Sep-10	23:41	23:47	0.10	2537	2552	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
7-Sep-10	23:47	24:00	0.22	2552	2633	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)



SDI Job #:	20100905	Report Time:	2400	2 of 4
COMPANY:	Bill Barrett	API JOB #		
LOCATION:	Silt	WORK ORDER#		
RIG NAME:	Patterson 313	FIELD:	MDP 9 Pad	
STATE:	Colorado	Sec-Twn-Rng:		
COUNTY:	Garfield	AFE# & District		
WELL NAME:	GGU FED 12D-28-691			

From Wednesday, September 08, 2010 at 0000 to Wednesday, September 08, 2010 at 2400

DRILLING SUMMARY						Drilling Parameters							
Start Depth	2633.00	Rotary Hours	13.37	WOB	20	Pick UP	0	Slack Off	0	SPM			
End Depth	5214.00	Circulating Hours	0.50	RAB	0	SPP	1350	FlowRate	52 - 52	120			
Total Drilled:	2581.00	Avg. Total ROP:	134.66	Mud Data									
Total Rotary Drilled:	2270.00	Avg. Rotary ROP:	169.83	Type				PV	0	SOLID	0		
Total Drilled Sliding:	311.00	Avg. Slide ROP:	53.62	Weight	0	GAS	0	YP	0	BHT°	0		
Slide Hours:	5.80	Percent Rotary:	87.95	Viscosity	0	SAND	0	PH	0	Flow T°	0		
Below Rotary Hrs.	24.00	Percent Slide:	12.05	Chlorides	0	WL	0			Oil %	0		
PERSONNEL				Casing					BHA				
Lead Directional :	Brandon Pounds			Size	Lb/ft	Set Depth		BHA # 1:FXD56M, 6 1/2 Motor, UBHO, Monel, Gap Sub, Monel, 10 Stds HWDP,					
Second Directional :	Ricky Harris			Signature:									
MWD Operator1	James Hope												
MWD Operator2													
Directional Company:	Sharewell												
Geologist:													
Company Man:	Robert Schultz												
Incl. In:	23.3	Azm. In:	284.8	Incl. Out:	6.4	Azm. Out:	289.1						

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-Sep-10	00:00	00:05	0.08	2633	2633	Survey & Conn.	Survey & Conn.
8-Sep-10	00:05	00:20	0.25	2633	2728	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	00:20	00:25	0.08	2728	2728	Survey & Conn.	Survey & Conn.
8-Sep-10	00:25	00:46	0.35	2728	2823	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	00:46	00:51	0.08	2823	2823	Survey & Conn.	Survey & Conn.
8-Sep-10	00:51	01:01	0.17	2823	2843	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	01:01	01:18	0.28	2843	2918	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	01:18	01:23	0.08	2918	2918	Survey & Conn.	Survey & Conn.
8-Sep-10	01:23	01:43	0.33	2918	3013	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	01:43	01:48	0.08	3013	3013	Survey & Conn.	Survey & Conn.
8-Sep-10	01:48	01:54	0.10	3013	3026	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	01:54	02:13	0.32	3026	3108	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	02:13	02:18	0.08	3108	3108	Survey & Conn.	Survey & Conn.
8-Sep-10	02:18	02:26	0.13	3108	3125	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	02:26	02:44	0.30	3125	3203	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	02:44	02:49	0.08	3203	3203	Survey & Conn.	Survey & Conn.
8-Sep-10	02:49	03:15	0.43	3203	3298	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-Sep-10	03:15	03:20	0.08	3298	3298	Survey & Conn.	Survey & Conn.
8-Sep-10	03:20	03:40	0.33	3298	3393	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	03:40	03:45	0.08	3393	3393	Survey & Conn.	Survey & Conn.
8-Sep-10	03:45	03:56	0.18	3393	3411	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	03:56	04:27	0.52	3411	3489	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	04:27	04:32	0.08	3489	3489	Survey & Conn.	Survey & Conn.
8-Sep-10	04:32	04:42	0.17	3489	3504	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	04:42	05:03	0.35	3504	3584	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	05:03	05:08	0.08	3584	3584	Survey & Conn.	Survey & Conn.
8-Sep-10	05:08	05:42	0.57	3584	3679	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	05:42	05:47	0.08	3679	3679	Survey & Conn.	Survey & Conn.
8-Sep-10	05:47	06:18	0.52	3679	3709	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	06:18	06:43	0.42	3709	3774	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	06:43	06:48	0.08	3774	3774	Survey & Conn.	Survey & Conn.
8-Sep-10	06:48	07:23	0.58	3774	3869	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	07:23	07:28	0.08	3869	3869	Survey & Conn.	Survey & Conn.
8-Sep-10	07:28	08:15	0.78	3869	3909	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	08:15	08:45	0.50	3909	3909	Rig Service-Inhole	Rig Service-Inhole
8-Sep-10	08:45	09:11	0.43	3909	3964	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	09:11	09:16	0.08	3964	3964	Survey & Conn.	Survey & Conn.
8-Sep-10	09:16	10:05	0.82	3964	4004	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	10:05	10:28	0.38	4004	4059	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	10:28	10:33	0.08	4059	4059	Survey & Conn.	Survey & Conn.
8-Sep-10	10:33	11:04	0.52	4059	4154	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	11:04	11:09	0.08	4154	4154	Survey & Conn.	Survey & Conn.
8-Sep-10	11:09	11:30	0.35	4154	4174	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	11:30	12:04	0.57	4174	4249	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	12:04	12:09	0.08	4249	4249	Survey & Conn.	Survey & Conn.
8-Sep-10	12:09	12:40	0.52	4249	4344	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	12:40	12:45	0.08	4344	4344	Survey & Conn.	Survey & Conn.
8-Sep-10	12:45	13:30	0.75	4344	4440	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	13:30	13:35	0.08	4440	4440	Survey & Conn.	Survey & Conn.
8-Sep-10	13:35	14:13	0.63	4440	4535	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	14:13	14:18	0.08	4535	4535	Survey & Conn.	Survey & Conn.
8-Sep-10	14:18	14:58	0.67	4535	4630	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	14:58	15:03	0.08	4630	4630	Survey & Conn.	Survey & Conn.
8-Sep-10	15:03	15:42	0.65	4630	4725	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	15:42	15:47	0.08	4725	4725	Survey & Conn.	Survey & Conn.
8-Sep-10	15:47	16:22	0.58	4725	4820	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	16:22	16:27	0.08	4820	4820	Survey & Conn.	Survey & Conn.
8-Sep-10	16:27	17:12	0.75	4820	4915	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	17:12	17:17	0.08	4915	4915	Survey & Conn.	Survey & Conn.
8-Sep-10	17:17	17:30	0.22	4915	4925	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	17:30	18:18	0.80	4925	5010	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	18:18	18:23	0.08	5010	5010	Survey & Conn.	Survey & Conn.
8-Sep-10	18:23	19:07	0.73	5010	5040	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	19:07	19:40	0.55	5040	5105	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	19:40	19:45	0.08	5105	5105	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
8-Sep-10	19:45	20:54	1.15	5105	5150	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	20:54	21:26	0.53	5150	5201	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
8-Sep-10	21:26	21:31	0.08	5201	5201	Survey & Conn.	Survey & Conn.
8-Sep-10	21:31	22:00	0.48	5201	5214	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
8-Sep-10	22:00	24:00	2.00	5214	5214	POOH	POOH



Bill Barrett Corporation

SDI Job #:	20100905	Report Time:	2400	3 of 4
COMPANY:	Bill Barrett	API JOB #		
LOCATION:	Silt	WORK ORDER#		
RIG NAME:	Patterson 313	FIELD:	MDP 9 Pad	
STATE:	Colorado	Sec-Twn-Rng:		
COUNTY:	Garfield	AFE# & District		
WELL NAME:	GGU FED 12D-28-691			

From Thursday, September 09, 2010 at 0000 to Thursday, September 09, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	5214.00	Rotary Hours	17.23	WOB	20	Pick UP	0	Slack Off	0	SPM	
End Depth	7294.00	Circulating Hours	0.30	RAB	0	SPP	2900	FlowRate	52 - 52	120	
Total Drilled:	2080.00	Avg. Total ROP:	109.28	Mud Data							
Total Rotary Drilled:	2000.00	Avg. Rotary ROP:	116.05	Type				PV	0	SOLID	0
Total Drilled Sliding:	80.00	Avg. Slide ROP:	44.44	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	1.80	Percent Rotary:	96.15	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	3.85	Chlorides	0	WL	0			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Brandon Pounds			Size	Lb/ft	Set Depth		BHA # 2:Q505FX 5x16, 6 1/2 Motor, UBHO, Monel, Gap Sub, Monel, 10 Stds HWDP,			
Second Directional :	Ricky Harris			Signature:							
MWD Operator1	James Hope										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:											
Company Man:	Robert Schultz										
Incl. In:	6.4	Azm. In:	289.1	Incl. Out:	1.6	Azm. Out:	136.6				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
9-Sep-10	00:00	00:50	0.83	5214	5214	POOH	POOH
9-Sep-10	00:50	01:00	0.17	5214	5214	Change BHA	Change Bit
9-Sep-10	01:00	02:50	1.83	5214	5214	TIH	TIH
9-Sep-10	02:50	02:57	0.12	5214	5224	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	02:57	03:26	0.48	5224	5254	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
9-Sep-10	03:26	03:45	0.32	5254	5296	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	03:45	03:50	0.08	5296	5296	Survey & Conn.	Survey & Conn.
9-Sep-10	03:50	04:30	0.67	5296	5316	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
9-Sep-10	04:30	05:10	0.67	5316	5391	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	05:10	05:15	0.08	5391	5391	Survey & Conn.	Survey & Conn.
9-Sep-10	05:15	05:55	0.67	5391	5486	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	05:55	06:00	0.08	5486	5486	Survey & Conn.	Survey & Conn.
9-Sep-10	06:00	06:38	0.63	5486	5581	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	06:38	06:43	0.08	5581	5581	Survey & Conn.	Survey & Conn.
9-Sep-10	06:43	07:28	0.75	5581	5677	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	07:28	07:33	0.08	5677	5677	Survey & Conn.	Survey & Conn.
9-Sep-10	07:33	08:08	0.58	5677	5772	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
9-Sep-10	08:08	08:13	0.08	5772	5772	Survey & Conn.	Survey & Conn.
9-Sep-10	08:13	08:50	0.62	5772	5867	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	08:50	08:55	0.08	5867	5867	Survey & Conn.	Survey & Conn.
9-Sep-10	08:55	09:38	0.72	5867	5962	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	09:38	09:43	0.08	5962	5962	Survey & Conn.	Survey & Conn.
9-Sep-10	09:43	10:34	0.85	5962	6057	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	10:34	10:39	0.08	6057	6057	Survey & Conn.	Survey & Conn.
9-Sep-10	10:39	11:21	0.70	6057	6152	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	11:21	11:26	0.08	6152	6152	Survey & Conn.	Survey & Conn.
9-Sep-10	11:26	12:07	0.68	6152	6247	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	12:07	12:12	0.08	6247	6247	Survey & Conn.	Survey & Conn.
9-Sep-10	12:12	12:30	0.30	6247	6247	Rig Service-Inhole	Rig Service-Inhole
9-Sep-10	12:30	13:09	0.65	6247	6343	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	13:09	13:14	0.08	6343	6343	Survey & Conn.	Survey & Conn.
9-Sep-10	13:14	13:53	0.65	6343	6438	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	13:53	13:58	0.08	6438	6438	Survey & Conn.	Survey & Conn.
9-Sep-10	13:58	14:36	0.63	6438	6533	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	14:36	14:41	0.08	6533	6533	Survey & Conn.	Survey & Conn.
9-Sep-10	14:41	15:20	0.65	6533	6563	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
9-Sep-10	15:20	15:44	0.40	6563	6628	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	15:44	15:49	0.08	6628	6628	Survey & Conn.	Survey & Conn.
9-Sep-10	15:49	16:37	0.80	6628	6723	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	16:37	16:42	0.08	6723	6723	Survey & Conn.	Survey & Conn.
9-Sep-10	16:42	17:39	0.95	6723	6818	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	17:39	17:44	0.08	6818	6818	Survey & Conn.	Survey & Conn.
9-Sep-10	17:44	18:32	0.80	6818	6913	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	18:32	18:37	0.08	6913	6913	Survey & Conn.	Survey & Conn.
9-Sep-10	18:37	19:38	1.02	6913	7008	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	19:38	19:43	0.08	7008	7008	Survey & Conn.	Survey & Conn.
9-Sep-10	19:43	20:50	1.12	7008	7103	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	20:50	20:55	0.08	7103	7103	Survey & Conn.	Survey & Conn.
9-Sep-10	20:55	22:33	1.63	7103	7199	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	22:33	22:38	0.08	7199	7199	Survey & Conn.	Survey & Conn.
9-Sep-10	22:38	23:55	1.28	7199	7294	Drilling	Drilling - (WOB:20;GPM :52;RPM:50)
9-Sep-10	23:55	24:00	0.08	7294	7294	Survey & Conn.	Survey & Conn.



Bill Barrett Corporation

SDI Job #:	20100905	Report Time:	2400	4 of 4
COMPANY:	Bill Barrett	API JOB #		
LOCATION:	Silt	WORK ORDER#		
RIG NAME:	Patterson 313	FIELD:	MDP 9 Pad	
STATE:	Colorado	Sec-Twn-Rng:		
COUNTY:	Garfield	AFE# & District		
WELL NAME:	GGU FED 12D-28-691			

From Friday, September 10, 2010 at 0000 to Friday, September 10, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	7294.00	Rotary Hours	5.52	WOB	20	Pick UP	0	Slack Off	0	SPM	
End Depth	7821.00	Circulating Hours	1.67	RAB	0	SPP	1350	FlowRate	52 - 52	120	
Total Drilled:	527.00	Avg. Total ROP:	90.34	Mud Data							
Total Rotary Drilled:	512.00	Avg. Rotary ROP:	92.81	Type				PV	0	SOLID	0
Total Drilled Sliding:	15.00	Avg. Slide ROP:	47.37	Weight	0	GAS	0	YP	0	BHT°	0
Slide Hours:	0.32	Percent Rotary:	97.15	Viscosity	0	SAND	0	PH	0	Flow T°	0
Below Rotary Hrs.	8.00	Percent Slide:	2.85	Chlorides	0	WL	0			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Brandon Pounds			Size	Lb/ft	Set Depth		BHA # 2:Q505FX 5x16, 6 1/2 Motor, UBHO, Monel, Gap Sub, Monel, 10 Stds HWDP,			
Second Directional :	Ricky Harris			Signature:							
MWD Operator1	James Hope										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:											
Company Man:	Robert Schultz										
Incl. In:	1.6	Azm. In:	136.6	Incl. Out:	0	Azm. Out:	0				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
10-Sep-10	00:00	00:19	0.32	7294	7309	Sliding	Sliding - (WOB:20;GPM :52;TFO:0)
10-Sep-10	00:19	01:20	1.02	7309	7389	Drilling	Drilling - (WOB:20; :52;RPM:50)
10-Sep-10	01:20	01:25	0.08	7389	7389	Survey & Conn.	Survey & Conn.
10-Sep-10	01:25	02:16	0.85	7389	7484	Drilling	Drilling - (WOB:20; :52;RPM:50)
10-Sep-10	02:16	02:21	0.08	7484	7484	Survey & Conn.	Survey & Conn.
10-Sep-10	02:21	03:09	0.80	7484	7579	Drilling	Drilling - (WOB:20; :52;RPM:50)
10-Sep-10	03:09	03:14	0.08	7579	7579	Survey & Conn.	Survey & Conn.
10-Sep-10	03:14	04:28	1.23	7579	7674	Drilling	Drilling - (WOB:20; :52;RPM:50)
10-Sep-10	04:28	04:33	0.08	7674	7674	Survey & Conn.	Survey & Conn.
10-Sep-10	04:33	05:45	1.20	7674	7769	Drilling	Drilling - (WOB:20; :52;RPM:50)
10-Sep-10	05:45	05:50	0.08	7769	7769	Survey & Conn.	Survey & Conn.
10-Sep-10	05:50	06:15	0.42	7769	7821	Drilling	Drilling - (WOB:20; :52;RPM:50)
10-Sep-10	06:15	06:20	0.08	7821	7821	Survey & Conn.	Survey & Conn.
10-Sep-10	06:20	08:00	1.67	7821	7821	Circulating	Circulating

Well Information

BHA # 1



SDI Job #: 20100905
COMPANY: Bill Barrett
LOCATION: Silt
RIG NAME: Patterson 313
STATE: Colorado
COUNTY: Garfield

FIELD: MDP 9 Pad
Sec-Twn-Rng:
PO #/ DISTRICT
Lead DD: Brandon Pounds
Co. Man: Robert Schultz
BHA TYPE: Steerable Assembly

WELL NAME: GGU FED 12D-28-691

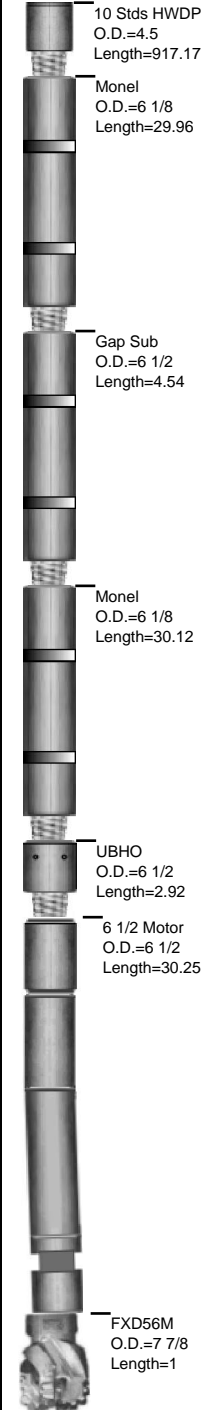
BHA Summary Information

TIME IN - OUT			Rotary Hours		18.12		Start Depth		834.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		27.08 / 1.23		End Depth		5214.00				
07-Sep-10 @ 14:30	09-Sep-10 @ 01:00	Slide Hours		7.73		Percent Rotary:		86.67		0 -50	0 -52	
		Below Rotary Hrs.		34.50		Percent Slide:		13.33				
Total Drilled:			4380.00		Avg. Total ROP:		169.44		Incl.		Azimuth	
Total Rotary Drilled:			3796.00		Avg. Rotary ROP:		209.53		IN	OUT	IN	OUT
Total Drilled Sliding:			584.00		Avg. Slide ROP:		75.52		.0	.0	.00	.00
SPP	0 -1350	Weights	SO	0-0	PU	0-0	RAB	0-0	Reason POOH			

Bit Data				Motor Data				Mud Data			
SEC.	FXD56M							Type			
Type Bit		PDC		Model: 65		Pad OD		WT	0	GAS	0
TFA	1.178			MFG.	Xcaliber	6 3/8		Vis	0	SAND	0
JETS	16	16	16	Bend °	1.76	Stator/Rotor	9:10	PV	0	PH	0
	16	0	0	Bit to Bend	6.13	Motor Diff	350	Chlor	0	Oil %	0
Bit Coding		IADC#		Rev/GAL	0.21			BHT°	0		
IR	OR	DL	Loc	BS	G	ODL	NB Stab	Pumps		PUMP1	PUMP1
2	2						Rotor Jet	NAME			
Bit Drop:		0 PSI @ 52 GPM		Sensor Offsets		Type					
Comments		Sensor	45	Sonic	0	Liner					
		Gamma	0	DNsc	827	Stroke					
		Restiv	0	GYRO	0	Efficiency					

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FXD56M	11480640		7 7/8	1.00	1.00	4 1/2 REGP
2	6 1/2 Motor	X65115		6 1/2	30.25	31.25	4 1/2 XHB
3	UBHO	001		6 1/2	2.92	34.17	4 1/2 XHB
4	Monel	650300275		6 1/8	30.12	64.29	4 1/2 XHB
5	Gap Sub	65013		6 1/2	4.54	68.83	4 1/2 XHB
6	Monel	65030075		6 1/8	29.96	98.79	4 1/2 XHB
7	10 Stds HWDP	Rig 313	2.75	4.5	917.17	1015.96	4 1/2 XHB



Well Information

BHA # 2



SDI Job #: 20100905
COMPANY: Bill Barrett
LOCATION: Silt
RIG NAME: Patterson 313
STATE: Colorado
COUNTY: Garfield

FIELD: MDP 9 Pad
Sec-Twn-Rng:
PO #/ DISTRICT
Lead DD: Brandon Pounds
Co. Man: Robert Schultz
BHA TYPE: Steerable Assembly

WELL NAME: GGU FED 12D-28-691

BHA Summary Information

TIME IN - OUT		Rotary Hours		22.75		Start Depth		5214.00		RPM Range	Flow Rate	
Start Time	End Time	Circ Hrs Tot/Only		26.83 / 1.97		End Depth		7821.00				
09-Sep-10 @ 01:00	10-Sep-10 @ 08:00	Slide Hours		2.12		Percent Rotary:		96.36		50 -50	52 -52	
		Below Rotary Hrs.		31.00		Percent Slide:		3.64				
Total Drilled:		2607.00		Avg. Total ROP:		104.84		Incl.		Azimuth		
Total Rotary Drilled:		2512.00		Avg. Rotary ROP:		110.42		IN	OUT	IN	OUT	
Total Drilled Sliding:		95.00		Avg. Slide ROP:		44.88		.0	.0	.00	.00	
SPP	1350 -2900	Weights	SO	0-0		PU	0-0		RAB	0-0		Reason POOH

Bit Data							Motor Data					Mud Data					
BAKER		Q505FX 5x16										Type					
Type Bit				PDC			Model: 650			Pad OD		WT	0	GAS	0	Solids	0
TFA		0.981					MFG. Xcaliber			6 3/8		Vis	0	SAND	0	T °	0
JETS		16	16	16	16	16	Bend ° 1.76		Stator/Rotor 9:10		PV	0	PH	0	Chlor	0	
		0	0	0	0	0	Bit to Bend 6.13		Motor Diff 350		YP	0	WL	0	Oil %	0	
Bit Coding			IADC#					Rev/GAL 0.21							BHT°		0
IR	OR	DL	Loc	BS	G	ODL	NB Stab 0		Pumps		PUMP1		PUMP1				
							Rotor Jet 0		NAME								
									Model								
Bit Drop:		0 PSI @ 52 GPM					Sensor Offsets			Type							
Comments				Sensor	45	Sonic	0	Liner									
				Gamma	0	DNSC	0	Stroke									
				Restiv	0	GYRO	0	Efficiency									

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Q505FX 5x16	7126598		7 7/8	1.00	1.00	4 1/2 REGP
2	6 1/2 Motor	X65115		6 1/2	30.25	31.25	4 1/2 XHB
3	UBHO	001		6 1/2	2.92	34.17	4 1/2 XHB
4	Monel	650300275		6 1/8	30.12	64.29	4 1/2 XHB
5	Gap Sub	65013		6 1/2	4.54	68.83	4 1/2 XHB
6	Monel	65030075		6 1/8	29.96	98.79	4 1/2 XHB
7	10 Stds HWDP	Rig 313	2.75	4.5	917.17	1015.96	4 1/2 XHB

