



Well Name and Number:

GGU Federal 23D-28-691

Patterson 313
Garfield County, Colorado

Directional Services Provided By:

Sharewell Energy Services, LP





July 26, 2010

Troy Schindler
Drilling Manager

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

Well Reference: **GGU Federal 23D-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 Corp.

Garfield County, Colorado

MDP 9 Pad

GGU Federal 23D-28-691

Wellbore #1

Survey: Surveys

Standard Survey Report

26 July, 2010

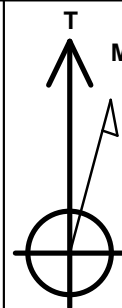
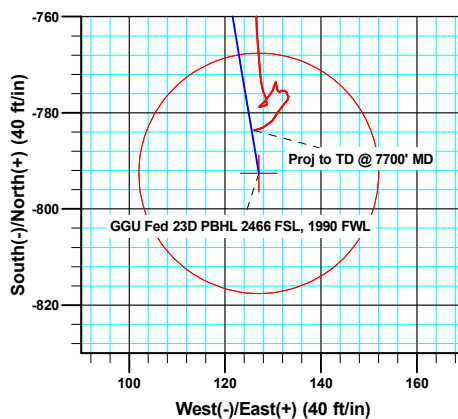
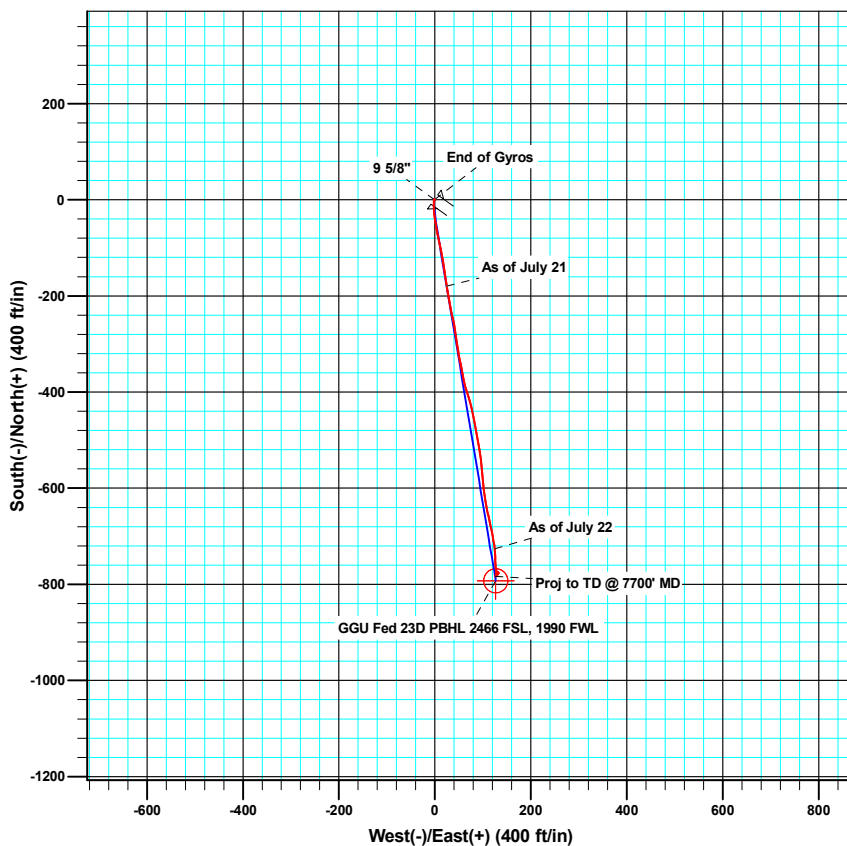
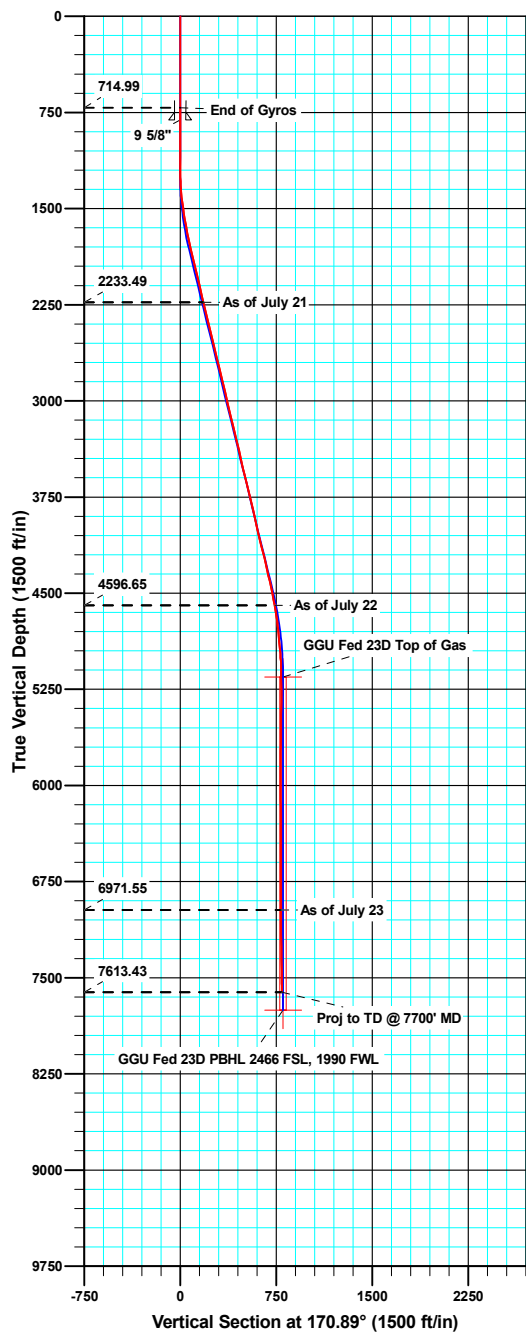




WELL DETAILS: GGU Federal 23D-28-691

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 1613897.73 2418233.75 39.500801 -107.561853



Azimuths to True North
 Magnetic North: 10.26°

Magnetic Field
 Strength: 52438.6snT
 Dip Angle: 65.86°
 Date: 06/07/2010
 Model: IGRF200510

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	V/Sect	Departure	Annotation
2233.49	2252.00	13.45	171.00	-179.62	24.84	181.29	184.45	As of July 21
4596.65	4680.00	9.80	175.30	-726.46	124.53	737.02	741.13	As of July 22
6971.55	7058.00	0.30	112.00	-776.35	133.08	787.63	809.27	As of July 23
7613.43	7700.00	1.50	253.10	-783.64	126.07	793.71	820.30	Proj to TD @ 7700' MD

Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well GGU Federal 23D-28-691
Project:	Garfield County, Colorado	TVD Reference:	KB @ 6354.00ft
Site:	MDP 9 Pad	MD Reference:	KB @ 6354.00ft
Well:	GGU Federal 23D-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:	39.500977
From:	Lat/Long	Easting:	2,418,224.77 usft	Longitude:	-107.561890
Position Uncertainty:	0.00 ft	Slot Radius:	0.00 ft	Grid Convergence:	-1.30 °

Well		GGU Federal 23D-28-691				
Well Position	+N/-S	0.00 ft	Northing:	1,613,897.73 usft	Latitude:	39.500801
	+E/-W	0.00 ft	Easting:	2,418,233.75 usft	Longitude:	-107.561853
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	170.89	

Survey Program	Date	07/26/10			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
50.00	715.00	Gyro Surveys (Wellbore #1)	MWD	MWD - Standard	
879.00	7,700.00	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)	
715.00	0.18	347.85	714.99	0.14	-0.70	-0.25	0.00	0.00	0.00	
809.50	0.08	305.91	809.49	0.33	-0.79	-0.45	0.14	-0.10	-44.38	
9 5/8"										
879.00	0.10	243.70	878.99	0.33	-0.88	-0.47	0.14	0.02	-89.52	
970.00	0.10	95.00	969.99	0.29	-0.88	-0.42	0.21	0.00	-163.41	
1,065.00	0.40	7.20	1,064.99	0.61	-0.75	-0.72	0.43	0.32	-92.42	
1,160.00	0.00	220.80	1,159.99	0.94	-0.71	-1.04	0.42	-0.42	0.00	
1,256.00	2.20	203.40	1,255.97	-0.75	-1.44	0.51	2.29	2.29	0.00	
1,351.00	4.50	178.60	1,350.80	-6.15	-2.08	5.75	2.81	2.42	-26.11	
1,446.00	6.90	177.10	1,445.33	-15.58	-1.70	15.11	2.53	2.53	-1.58	

Company:	Bill Barrett Corp.	Local Co-ordinate Reference:	Well GGU Federal 23D-28-691
Project:	Garfield County, Colorado	TVD Reference:	KB @ 6354.00ft
Site:	MDP 9 Pad	MD Reference:	KB @ 6354.00ft
Well:	GGU Federal 23D-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	8.80	176.70	1,539.43	-28.53	-0.99	28.02	2.00	2.00	-0.42
1,636.00	10.20	170.70	1,633.13	-44.09	0.79	43.66	1.80	1.47	-6.32
1,732.00	12.70	169.10	1,727.21	-62.84	4.16	62.71	2.62	2.60	-1.67
1,827.00	12.70	168.30	1,819.89	-83.32	8.25	83.58	0.19	0.00	-0.84
1,922.00	13.00	168.70	1,912.51	-104.03	12.46	104.69	0.33	0.32	0.42
2,017.00	13.40	170.40	2,005.00	-125.36	16.39	126.37	0.59	0.42	1.79
2,112.00	13.60	170.50	2,097.37	-147.23	20.07	148.55	0.21	0.21	0.11
2,207.00	13.50	172.60	2,189.73	-169.24	23.34	170.80	0.53	-0.11	2.21
2,302.00	13.40	169.20	2,282.13	-191.05	26.83	192.89	0.84	-0.11	-3.58
2,397.00	13.70	170.70	2,374.48	-212.97	30.71	215.14	0.49	0.32	1.58
2,492.00	13.80	167.10	2,466.76	-235.11	35.06	237.70	0.91	0.11	-3.79
2,587.00	14.20	170.10	2,558.94	-257.64	39.60	260.66	0.87	0.42	3.16
2,683.00	13.30	170.20	2,652.19	-280.12	43.50	283.47	0.94	-0.94	0.10
2,778.00	13.90	172.70	2,744.53	-302.20	46.81	305.80	0.88	0.63	2.63
2,873.00	13.20	168.90	2,836.88	-324.17	50.35	328.05	1.19	-0.74	-4.00
2,968.00	13.10	168.40	2,929.39	-345.36	54.60	349.65	0.16	-0.11	-0.53
3,063.00	13.50	171.50	3,021.84	-366.87	58.40	371.49	0.86	0.42	3.26
3,158.00	13.40	163.30	3,114.25	-388.38	63.21	393.49	2.01	-0.11	-8.63
3,253.00	13.70	161.50	3,206.60	-409.60	69.94	415.50	0.54	0.32	-1.89
3,348.00	13.30	166.10	3,298.98	-430.87	76.13	437.49	1.21	-0.42	4.84
3,443.00	13.40	168.90	3,391.41	-452.28	80.88	459.38	0.69	0.11	2.95
3,538.00	12.90	169.40	3,483.92	-473.51	84.95	480.98	0.54	-0.53	0.53
3,633.00	14.20	170.20	3,576.28	-495.41	88.88	503.24	1.38	1.37	0.84
3,729.00	13.50	171.50	3,669.49	-518.10	92.54	526.22	0.80	-0.73	1.35
3,824.00	13.30	172.30	3,761.90	-539.89	95.65	548.23	0.29	-0.21	0.84
3,919.00	13.00	175.10	3,854.41	-561.37	98.02	569.81	0.74	-0.32	2.95
4,014.00	12.10	173.90	3,947.14	-581.92	99.99	590.41	0.99	-0.95	-1.26
4,109.00	13.70	173.70	4,039.74	-603.00	102.29	611.59	1.68	1.68	-0.21
4,204.00	14.20	170.20	4,131.94	-625.67	105.51	634.48	1.03	0.53	-3.68
4,299.00	13.30	169.40	4,224.21	-647.89	109.50	657.05	0.97	-0.95	-0.84
4,394.00	12.30	166.40	4,316.85	-668.47	113.89	678.07	1.26	-1.05	-3.16
4,489.00	13.30	168.70	4,409.49	-689.02	118.41	699.07	1.18	1.05	2.42
4,584.00	11.40	169.90	4,502.29	-708.98	122.20	719.38	2.02	-2.00	1.26
4,680.00	9.80	175.30	4,596.65	-726.46	124.53	737.02	1.96	-1.67	5.63
4,775.00	8.30	176.00	4,690.47	-741.36	125.67	751.91	1.58	-1.58	0.74
4,870.00	6.30	179.40	4,784.69	-753.41	126.20	763.89	2.15	-2.11	3.58
4,965.00	5.80	175.20	4,879.16	-763.41	126.66	773.84	0.70	-0.53	-4.42
5,060.00	4.30	175.80	4,973.79	-771.75	127.32	782.17	1.58	-1.58	0.63
5,155.00	2.00	148.90	5,068.64	-776.72	128.44	787.26	2.81	-2.42	-28.32
5,251.00	0.70	252.70	5,164.62	-778.33	128.75	788.89	2.37	-1.35	108.13
5,346.00	1.10	250.20	5,259.61	-778.81	127.33	789.15	0.42	0.42	-2.63
5,441.00	0.90	60.70	5,354.61	-778.75	127.13	789.06	2.10	-0.21	179.47
5,536.00	1.00	32.00	5,449.60	-777.68	128.22	788.18	0.51	0.11	-30.21

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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 23D-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)
5,631.00	1.10	43.00	5,544.58	-776.31	129.28	786.99	0.24	0.11	11.58
5,726.00	0.50	11.10	5,639.57	-775.24	129.98	786.04	0.76	-0.63	-33.58
5,822.00	0.50	25.00	5,735.57	-774.45	130.24	785.30	0.13	0.00	14.48
5,917.00	0.50	15.80	5,830.56	-773.68	130.53	784.58	0.08	0.00	-9.68
6,012.00	0.40	187.00	5,925.56	-773.61	130.60	784.53	0.94	-0.11	180.21
6,107.00	0.20	133.90	6,020.56	-774.05	130.68	784.98	0.34	-0.21	-55.89
6,202.00	0.40	180.40	6,115.56	-774.50	130.79	785.44	0.32	0.21	48.95
6,297.00	0.40	162.40	6,210.56	-775.14	130.89	786.09	0.13	0.00	-18.95
6,392.00	0.30	117.30	6,305.56	-775.57	131.21	786.57	0.30	-0.11	-47.47
6,487.00	0.10	42.40	6,400.56	-775.63	131.49	786.66	0.31	-0.21	-78.84
6,582.00	0.00	37.20	6,495.56	-775.57	131.55	786.61	0.11	-0.11	0.00
6,678.00	0.40	60.10	6,591.55	-775.40	131.84	786.49	0.42	0.42	0.00
6,773.00	0.50	115.60	6,686.55	-775.41	132.50	786.61	0.45	0.11	58.42
6,868.00	0.10	180.70	6,781.55	-775.67	132.87	786.93	0.49	-0.42	68.53
6,963.00	0.30	181.80	6,876.55	-776.01	132.86	787.25	0.21	0.21	1.16
7,058.00	0.30	112.00	6,971.55	-776.35	133.08	787.63	0.36	0.00	-73.47
7,153.00	0.20	192.00	7,066.55	-776.60	133.28	787.91	0.35	-0.11	84.21
7,248.00	0.80	203.80	7,161.54	-777.37	132.98	788.62	0.64	0.63	12.42
7,344.00	0.70	236.80	7,257.54	-778.31	132.22	789.42	0.45	-0.10	34.38
7,439.00	1.50	208.70	7,352.52	-779.72	131.13	790.64	0.99	0.84	-29.58
7,534.00	1.30	219.40	7,447.49	-781.64	129.85	792.34	0.35	-0.21	11.26
7,629.00	1.70	246.20	7,542.46	-783.04	127.88	793.41	0.84	0.42	28.21
7,655.00	1.50	253.10	7,568.45	-783.29	127.20	793.55	1.07	-0.77	26.54
7,700.00	1.50	253.10	7,613.43	-783.64	126.07	793.71	0.00	0.00	0.00

Casing Points				
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (ft)	Hole Diameter (ft)
809.50	809.49	9 5/8"	0.80	1.02

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
2,252.00	2,233.49	-179.62	24.84	As of July 21
4,680.00	4,596.65	-726.46	124.53	As of July 22
7,058.00	6,971.55	-776.35	133.08	As of July 23
7,700.00	7,613.43	-783.64	126.07	Proj to TD @ 7700' MD

Checked By: _____ Approved By: _____ Date: _____



SDI Job #:	20100714	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 Federal 23D-28-691			

From Tuesday, July 20, 2010 at 0000 to Tuesday, July 20, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	0.00	Rotary Hours	2.12	WOB	25	Pick UP	0	Slack Off	0	SPM	
End Depth	988.00	Circulating Hours	0.00	RAB	0	SPP	0	FlowRate	0 - 66	0	
Total Drilled:	988.00	Avg. Total ROP:	466.77	Mud Data							
Total Rotary Drilled:	988.00	Avg. Rotary ROP:	466.77	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.	3.50	Percent Slide:	.00	Chlorides	0	WL	0			Oil %	0
PERSONNEL				Casing				BHA			
Lead Directional :	Bobby Wolf			Size	Lb/ft	Set Depth		BHA # 1:FDX 56 M, Motor 1.76, UBHO, Monel, Gap Sub, Monel, 4 1/2 Spiral, ,			
Second Directional :	Ricky Harris			Signature:							
MWD Operator1	Jason										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:											
Company Man:	Corwin Woods										
Incl. In:	0.18	Azm. In:	347.85	Incl. Out:	0.1	Azm. Out:	243.7				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
20-Jul-10	20:30	21:20	0.83	0	0	TIH	P/U Tools
20-Jul-10	21:20	21:48	0.47	0	0	TIH	TIH
20-Jul-10	21:48	22:55	1.12	0	832	Drilling Cement	F/785 T/832
20-Jul-10	22:55	23:45	0.83	832	924	Drilling	Drilling
20-Jul-10	23:45	23:50	0.08	924	924	Survey & Conn.	Survey & Conn.
20-Jul-10	23:50	24:00	0.17	924	988	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)



Bill Barrett Corporation

SDI Job #:	20100714	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 Federal 23D-28-691			

From Wednesday, July 21, 2010 at 0000 to Wednesday, July 21, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	168.30	Rotary Hours	16.88	WOB	25	Pick UP	126	Slack Off	119	SPM	
End Depth	4634.00	Circulating Hours	0.35	RAB	124	SPP	1200	FlowRate	418 - 502	100	
Total Drilled:	3646.00	Avg. Total ROP:	177.85	Mud Data							
Total Rotary Drilled:	3386.00	Avg. Rotary ROP:	200.55	Type	LSND/LSD			PV	18	SOLID	6
Total Drilled Sliding:	260.00	Avg. Slide ROP:	71.89	Weight	9.3	GAS	0	YP	17	BHT°	0
Slide Hours:	3.62	Percent Rotary:	92.87	Viscosity	45	SAND	0.2	PH	9.4	Flow T°	97
Below Rotary Hrs.	24.00	Percent Slide:	7.13	Chlorides	800	WL	4.8			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Bobby Wolf			Size	Lb/ft	Set Depth		BHA # 1:FDX 56 M, Motor 1.76, UBHO, Monel, Gap Sub, Monel, 4 1/2 Spiral, ,			
Second Directional :	Ricky Harris			Signature:							
MWD Operator1	Jason Banks										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:											
Company Man:	Corwin Woods										
Incl. In:	0.1	Azm. In:	243.7	Incl. Out:	11.4	Azm. Out:	169.9				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
21-Jul-10	00:00	00:05	0.08	988	1015	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	00:05	00:10	0.08	1015	1015	Survey & Conn.	Survey & Conn.
21-Jul-10	00:10	00:26	0.27	1015	1110	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	00:26	00:31	0.08	1110	1110	Survey & Conn.	Survey & Conn.
21-Jul-10	00:31	00:44	0.22	1110	1205	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	00:44	00:49	0.08	1205	1205	Survey & Conn.	Survey & Conn.
21-Jul-10	00:49	00:58	0.15	1205	1230	Sliding	Survey & Conn.
21-Jul-10	00:58	01:11	0.22	1230	1301	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	01:11	01:16	0.08	1301	1301	Survey & Conn.	Survey & Conn.
21-Jul-10	01:16	01:22	0.10	1301	1326	Sliding	Sliding - (WOB:25;GPM :66;TFO:180)
21-Jul-10	01:22	01:36	0.23	1326	1396	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	01:36	01:41	0.08	1396	1396	Survey & Conn.	Survey & Conn.
21-Jul-10	01:41	01:46	0.08	1396	1416	Sliding	Sliding - (WOB:25;GPM :66;TFO:160)
21-Jul-10	01:46	01:58	0.20	1416	1491	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	01:58	02:03	0.08	1491	1491	Survey & Conn.	Survey & Conn.
21-Jul-10	02:03	02:08	0.08	1491	1461	Sliding	Sliding - (WOB:25;GPM :66;TFO:0)
21-Jul-10	02:08	02:23	0.25	1461	1586	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
21-Jul-10	02:23	02:28	0.08	1586	1586	Survey & Conn.	Survey & Conn.
21-Jul-10	02:28	02:31	0.05	1586	1601	Sliding	Sliding - (WOB:25;GPM :66;TFO:0)
21-Jul-10	02:31	02:45	0.23	1601	1681	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	02:45	02:50	0.08	1681	1681	Survey & Conn.	Survey & Conn.
21-Jul-10	02:50	02:58	0.13	1681	1701	Sliding	Sliding - (WOB:25;GPM :66;TFO:350)
21-Jul-10	02:58	03:10	0.20	1701	1777	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	03:10	03:15	0.08	1777	1777	Survey & Conn.	Survey & Conn.
21-Jul-10	03:15	03:29	0.23	1777	168.3	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	03:29	03:34	0.08	168.3	168.3	Survey & Conn.	Survey & Conn.
21-Jul-10	03:34	04:11	0.62	168.3	2062	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	04:11	04:16	0.08	2062	2062	Survey & Conn.	Survey & Conn.
21-Jul-10	04:16	04:34	0.30	2062	2157	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	04:34	04:39	0.08	2157	2157	Survey & Conn.	Survey & Conn.
21-Jul-10	04:39	04:55	0.27	2157	2252	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	04:55	05:00	0.08	2252	2252	Survey & Conn.	Survey & Conn.
21-Jul-10	05:00	05:03	0.05	2252	2259	Sliding	Sliding - (WOB:25;GPM :66;TFO:360)
21-Jul-10	05:03	05:19	0.27	2259	2347	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	05:19	05:24	0.08	2347	2347	Survey & Conn.	Survey & Conn.
21-Jul-10	05:24	05:40	0.27	2347	2442	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	05:40	05:45	0.08	2442	2442	Survey & Conn.	Survey & Conn.
21-Jul-10	05:45	05:50	0.08	2442	2451	Sliding	Sliding - (WOB:25;GPM :66;TFO:360)
21-Jul-10	05:50	06:07	0.28	2451	2537	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	06:07	06:12	0.08	2537	2537	Survey & Conn.	Survey & Conn.
21-Jul-10	06:12	06:30	0.30	2537	2632	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	06:30	06:35	0.08	2632	2632	Survey & Conn.	Survey & Conn.
21-Jul-10	06:35	06:45	0.17	2632	2647	Sliding	Sliding - (WOB:25;GPM :66;TFO:225)
21-Jul-10	06:45	07:04	0.32	2647	2728	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	07:04	07:09	0.08	2728	2728	Survey & Conn.	Survey & Conn.
21-Jul-10	07:09	07:30	0.35	2728	2823	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	07:30	07:35	0.08	2823	2823	Survey & Conn.	Survey & Conn.
21-Jul-10	07:35	07:37	0.03	2823	2830	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	07:37	07:47	0.17	2830	2848	Sliding	Sliding - (WOB:25;GPM :66;TFO:225)
21-Jul-10	07:47	08:02	0.25	2848	2918	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	08:02	08:07	0.08	2918	2918	Survey & Conn.	Survey & Conn.
21-Jul-10	08:07	08:23	0.27	2918	3013	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	08:23	08:28	0.08	3013	3013	Survey & Conn.	Survey & Conn.
21-Jul-10	08:28	08:53	0.42	3013	3108	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	08:53	08:58	0.08	3108	3108	Survey & Conn.	Survey & Conn.
21-Jul-10	08:58	09:09	0.18	3108	3120	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	09:09	09:19	0.17	3120	3135	Sliding	Sliding - (WOB:25;GPM :66;TFO:0)
21-Jul-10	09:19	09:49	0.50	3135	3203	Drilling	Drilling - (WOB:25;GPM :66;RPM:45)
21-Jul-10	09:49	09:54	0.08	3203	3203	Survey & Conn.	Survey & Conn.
21-Jul-10	09:54	10:28	0.57	3203	3298	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	10:28	10:33	0.08	3298	3298	Survey & Conn.	Survey & Conn.
21-Jul-10	10:33	10:35	0.03	3298	3310	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	10:35	10:44	0.15	3310	3322	Sliding	Sliding - (WOB:25;GPM :418;TFO:0)
21-Jul-10	10:44	11:05	0.35	3322	3393	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	11:05	11:10	0.08	3393	3393	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
21-Jul-10	11:10	11:47	0.62	3393	3488	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	11:47	11:52	0.08	3488	3488	Survey & Conn.	Survey & Conn.
21-Jul-10	11:52	12:42	0.83	3488	3583	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	12:42	12:47	0.08	3583	3583	Survey & Conn.	Survey & Conn.
21-Jul-10	12:47	12:52	0.08	3583	3587	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	12:52	13:09	0.28	3587	3600	Sliding	Sliding - (WOB:25;GPM :418;TFO:0)
21-Jul-10	13:09	13:48	0.65	3600	3678	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	13:48	13:53	0.08	3678	3678	Survey & Conn.	Survey & Conn.
21-Jul-10	13:53	14:34	0.68	3678	3774	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	14:34	14:39	0.08	3774	3774	Survey & Conn.	Survey & Conn.
21-Jul-10	14:39	15:09	0.50	3774	3869	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	15:09	15:14	0.08	3869	3869	Survey & Conn.	Survey & Conn.
21-Jul-10	15:14	15:35	0.35	3869	3869	Rig Service-Inhole	Rig Service-Inhole
21-Jul-10	15:35	15:44	0.15	3869	3880	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	15:44	15:59	0.25	3880	3893	Sliding	Sliding - (WOB:25;GPM :418;TFO:0)
21-Jul-10	15:59	16:22	0.38	3893	3964	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	16:22	16:27	0.08	3964	3964	Survey & Conn.	Survey & Conn.
21-Jul-10	16:27	17:05	0.63	3964	4059	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	17:05	17:10	0.08	4059	4059	Survey & Conn.	Survey & Conn.
21-Jul-10	17:10	17:13	0.05	4059	4062	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	17:13	17:46	0.55	4062	4085	Sliding	Sliding - (WOB:25;GPM :418;TFO:0)
21-Jul-10	17:46	18:25	0.65	4085	4154	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	18:25	18:30	0.08	4154	4154	Survey & Conn.	Survey & Conn.
21-Jul-10	18:30	18:33	0.05	4154	4160	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	18:33	18:56	0.38	4160	4175	Sliding	Sliding - (WOB:25;GPM :418;TFO:0)
21-Jul-10	18:56	19:40	0.73	4175	4249	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	19:40	19:45	0.08	4249	4249	Survey & Conn.	Survey & Conn.
21-Jul-10	19:45	20:35	0.83	4249	4344	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	20:35	20:40	0.08	4344	4344	Survey & Conn.	Survey & Conn.
21-Jul-10	20:40	21:27	0.78	4344	4439	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	21:27	21:32	0.08	4439	4439	Survey & Conn.	Survey & Conn.
21-Jul-10	21:32	21:55	0.38	4439	4464	Sliding	Sliding - (WOB:25;GPM :418;TFO:0)
21-Jul-10	21:55	22:50	0.92	4464	4534	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	22:50	22:55	0.08	4534	4534	Survey & Conn.	Survey & Conn.
21-Jul-10	22:55	23:10	0.25	4534	4549	Sliding	Sliding - (WOB:25;GPM :418;TFO:0)
21-Jul-10	23:10	23:48	0.63	4549	4629	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
21-Jul-10	23:48	23:52	0.07	4629	4629	Survey & Conn.	Survey & Conn.
21-Jul-10	23:52	24:00	0.13	4629	4634	Sliding	Sliding - (WOB:25;GPM :418;TFO:0)



Bill Barrett Corporation

SDI Job #:	20100714	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 Federal 23D-28-691			

From Thursday, July 22, 2010 at 0000 to Thursday, July 22, 2010 at 2400

DRILLING SUMMARY					Drilling Parameters						
Start Depth	4634.00	Rotary Hours	14.60	WOB	30	Pick UP	240	Slack Off	210	SPM	
End Depth	6687.00	Circulating Hours	0.43	RAB	195	SPP	2277	FlowRate	418 - 502	120	
Total Drilled:	2053.00	Avg. Total ROP:	122.81	Mud Data							
Total Rotary Drilled:	1939.00	Avg. Rotary ROP:	132.81	Type	LSND/LSD			PV	20	SOLID	8
Total Drilled Sliding:	114.00	Avg. Slide ROP:	53.86	Weight	9.7	GAS	0	YP	13	BHT°	0
Slide Hours:	2.12	Percent Rotary:	94.45	Viscosity	44	SAND	0.2	PH	9.1	Flow T°	98
Below Rotary Hrs.	24.00	Percent Slide:	5.55	Chlorides	800	WL	5.2			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Bobby Wolf			Size	Lb/ft	Set Depth		BHA # 2:FX 55 M, Motor 1.76, UBHO, Monel, Gap Sub, Monel, 4 1/2 Spiral, ,			
Second Directional :	Ricky Harris			Signature:							
MWD Operator1	Jason Banks										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:											
Company Man:	Corwin Woods										
Incl. In:	11.4	Azm. In:	169.9	Incl. Out:	0	Azm. Out:	37.2				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
22-Jul-10	00:00	00:10	0.17	4634	4639	Sliding	Sliding - (WOB:25;GPM :418;TFO:0)
22-Jul-10	00:10	01:00	0.83	4639	4722	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
22-Jul-10	01:00	01:05	0.08	4722	4722	Survey & Conn.	Survey & Conn.
22-Jul-10	01:05	03:15	2.17	4722	4722	POOH	POOH
22-Jul-10	03:15	03:30	0.25	4722	4722	Change BHA	Change Bit
22-Jul-10	03:30	06:12	2.70	4722	4722	TIH	TIH
22-Jul-10	06:12	06:25	0.22	4722	4737	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
22-Jul-10	06:25	06:44	0.32	4737	4752	Sliding	Sliding - (WOB:25;GPM :418;TFO:0)
22-Jul-10	06:44	07:16	0.53	4752	4820	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
22-Jul-10	07:16	07:21	0.08	4820	4820	Survey & Conn.	Survey & Conn.
22-Jul-10	07:21	07:27	0.10	4820	4825	Drilling	Drilling - (WOB:25;GPM :418;RPM:45)
22-Jul-10	07:27	07:40	0.22	4825	4838	Sliding	Sliding - (WOB:25;GPM :418;TFO:0)
22-Jul-10	07:40	08:10	0.50	4838	4915	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)
22-Jul-10	08:10	08:15	0.08	4915	4915	Survey & Conn.	Survey & Conn.
22-Jul-10	08:15	09:04	0.82	4915	5010	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)
22-Jul-10	09:04	09:09	0.08	5010	5010	Survey & Conn.	Survey & Conn.
22-Jul-10	09:09	09:18	0.15	5010	5015	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
22-Jul-10	09:18	09:36	0.30	5015	5028	Sliding	Sliding - (WOB:30;GPM :418;TFO:0)
22-Jul-10	09:36	10:11	0.58	5028	5105	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)
22-Jul-10	10:11	10:16	0.08	5105	5105	Survey & Conn.	Survey & Conn.
22-Jul-10	10:16	10:21	0.08	5105	5110	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)
22-Jul-10	10:21	10:38	0.28	5110	5128	Sliding	Sliding - (WOB:30;GPM :418;TFO:0)
22-Jul-10	10:38	11:07	0.48	5128	5200	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)
22-Jul-10	11:07	11:12	0.08	5200	5200	Survey & Conn.	Survey & Conn.
22-Jul-10	11:12	11:19	0.12	5200	5205	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)
22-Jul-10	11:19	11:34	0.25	5205	5221	Sliding	Sliding - (WOB:30;GPM :418;TFO:0)
22-Jul-10	11:34	11:59	0.42	5221	5296	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	11:59	12:04	0.08	5296	5296	Survey & Conn.	Survey & Conn.
22-Jul-10	12:04	12:41	0.62	5296	5391	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	12:41	12:46	0.08	5391	5391	Survey & Conn.	Survey & Conn.
22-Jul-10	12:46	12:57	0.18	5391	5405	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	12:57	13:13	0.27	5405	5422	Sliding	Sliding - (WOB:30;GPM :502;TFO:0)
22-Jul-10	13:13	13:36	0.38	5422	5486	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	13:36	13:41	0.08	5486	5486	Survey & Conn.	Survey & Conn.
22-Jul-10	13:41	14:19	0.63	5486	5581	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	14:19	14:24	0.08	5581	5581	Survey & Conn.	Survey & Conn.
22-Jul-10	14:24	15:15	0.85	5581	5676	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	15:15	15:20	0.08	5676	5676	Survey & Conn.	Survey & Conn.
22-Jul-10	15:20	16:02	0.70	5676	5771	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	16:02	16:28	0.43	5771	5771	Rig Service-Inhole	Rig Service-Inhole
22-Jul-10	16:28	16:33	0.08	5771	5771	Survey & Conn.	Survey & Conn.
22-Jul-10	16:33	17:10	0.62	5771	5867	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	17:10	17:15	0.08	5867	5867	Survey & Conn.	Survey & Conn.
22-Jul-10	17:15	18:00	0.75	5867	5962	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	18:00	18:05	0.08	5962	5962	Survey & Conn.	Survey & Conn.
22-Jul-10	18:05	18:14	0.15	5962	5973	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	18:14	18:33	0.32	5973	5990	Sliding	Sliding - (WOB:30;GPM :502;TFO:0)
22-Jul-10	18:33	19:43	1.17	5990	6152	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	19:43	19:52	0.15	6152	6152	Survey & Conn.	Survey & Conn.
22-Jul-10	19:52	20:24	0.53	6152	6247	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	20:24	20:29	0.08	6247	6247	Survey & Conn.	Survey & Conn.
22-Jul-10	20:29	21:06	0.62	6247	6342	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	21:06	21:11	0.08	6342	6342	Survey & Conn.	Survey & Conn.
22-Jul-10	21:11	21:47	0.60	6342	6437	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	21:47	21:52	0.08	6437	6437	Survey & Conn.	Survey & Conn.
22-Jul-10	21:52	22:22	0.50	6437	6532	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	22:22	22:27	0.08	6532	6532	Survey & Conn.	Survey & Conn.
22-Jul-10	22:27	23:18	0.85	6532	6627	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
22-Jul-10	23:18	23:23	0.08	6627	6627	Survey & Conn.	Survey & Conn.
22-Jul-10	23:23	24:00	0.62	6627	6687	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)



Bill Barrett Corporation

SDI Job #:	20100714	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 Federal 23D-28-691			

From Friday, July 23, 2010 at 0000 to Friday, July 23, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	6687.00	Rotary Hours	9.98	WOB	30	Pick UP	270	Slack Off	220	SPM	
End Depth	7700.00	Circulating Hours	3.50	RAB	240	SPP	1886	FlowRate	418 - 502	100	
Total Drilled:	1013.00	Avg. Total ROP:	101.47	Mud Data							
Total Rotary Drilled:	1013.00	Avg. Rotary ROP:	101.47	Type	LSND/LSD			PV	20	SOLID	9
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	10.05	GAS	0	YP	10	BHT°	0
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	43	SAND	0.5	PH	9	Flow T°	99
Below Rotary Hrs.	24.00	Percent Slide:	.00	Chlorides	800	WL	6.4			Oil %	0
PERSONNEL				Casing					BHA		
Lead Directional :	Bobby Wolf			Size	Lb/ft	Set Depth		BHA # 3:Q504FX 6x16, Motor 1.76, UBHO, Monel, Gap Sub, Monel, 4 1/2 Spiral, ,			
Second Directional :	Ricky Harris			Signature:							
MWD Operator1	Jason Banks										
MWD Operator2											
Directional Company:	Sharewell										
Geologist:											
Company Man:	Corwin Woods										
Incl. In:	0	Azm. In:	37.2	Incl. Out:	0	Azm. Out:	0				

GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
23-Jul-10	00:00	00:17	0.28	6687	6723	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
23-Jul-10	00:17	00:22	0.08	6723	6723	Survey & Conn.	Survey & Conn.
23-Jul-10	00:22	01:08	0.77	6723	6818	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
23-Jul-10	01:08	01:13	0.08	6818	6818	Survey & Conn.	Survey & Conn.
23-Jul-10	01:13	02:17	1.07	6818	6913	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
23-Jul-10	02:17	02:22	0.08	6913	6913	Survey & Conn.	Survey & Conn.
23-Jul-10	02:22	03:25	1.05	6913	7008	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
23-Jul-10	03:25	03:30	0.08	7008	7008	Survey & Conn.	Survey & Conn.
23-Jul-10	03:30	05:14	1.73	7008	7103	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
23-Jul-10	05:14	05:19	0.08	7103	7103	Survey & Conn.	Survey & Conn.
23-Jul-10	05:19	08:00	2.68	7103	7103	POOH	POOH
23-Jul-10	08:00	08:10	0.17	7103	7103	Change BHA	Change BHA
23-Jul-10	08:10	10:54	2.73	7103	7103	TIH	TIH
23-Jul-10	10:54	11:45	0.85	7103	7198	Drilling	Drilling - (WOB:30;GPM :502;RPM:45)
23-Jul-10	11:45	11:50	0.08	7198	7198	Survey & Conn.	Survey & Conn.
23-Jul-10	11:50	12:33	0.72	7198	7293	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)
23-Jul-10	12:33	12:38	0.08	7293	7293	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
23-Jul-10	12:38	13:21	0.72	7293	7389	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)
23-Jul-10	13:21	13:26	0.08	7389	7389	Survey & Conn.	Survey & Conn.
23-Jul-10	13:26	14:01	0.58	7389	7484	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)
23-Jul-10	14:01	14:06	0.08	7484	7484	Survey & Conn.	Survey & Conn.
23-Jul-10	14:06	15:09	1.05	7484	7579	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)
23-Jul-10	15:09	15:14	0.08	7579	7579	Survey & Conn.	Survey & Conn.
23-Jul-10	15:14	16:12	0.97	7579	7674	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)
23-Jul-10	16:12	16:18	0.10	7674	7674	Survey & Conn.	Survey & Conn.
23-Jul-10	16:18	16:39	0.35	7674	7674	Rig Service-Inhole	Rig Service-Inhole
23-Jul-10	16:39	16:51	0.20	7674	7700	Drilling	Drilling - (WOB:30;GPM :418;RPM:45)
23-Jul-10	16:51	16:55	0.07	7700	7700	MWD Survey	MWD Survey
23-Jul-10	16:55	18:30	1.58	7700	7700	Circulating	Circulating
23-Jul-10	18:30	22:00	3.50	7700	7700	Short Trip	Short Trip
23-Jul-10	22:00	23:30	1.50	7700	7700	Circulating	Circulating
23-Jul-10	23:30	24:00	0.50	7700	7700	POOH	POOH

Well Information

BHA # 1



SDI Job #: 20100714
COMPANY: Bill Barrett
LOCATION: Silt
RIG NAME: Patterson 313
STATE: Colorado
COUNTY: Garfield
WELL NAME: GGU Federal 23D-28-691

FIELD: MDP 9 Pad
Sec-Twn-Rng:
PO #/ DISTRICT
Lead DD: Bobby Wolf
Co. Man: Corwin Woods
BHA TYPE: Steerable Assembly

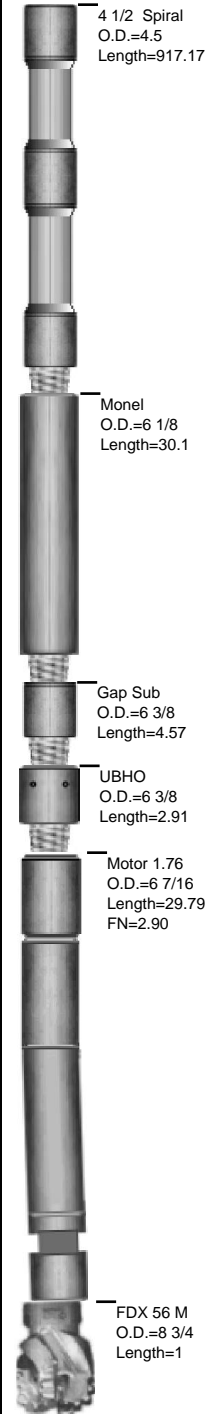
BHA Summary Information

TIME IN - OUT		Rotary Hours		19.83		Start Depth		.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		23.97 / .35		End Depth		4722.00			
20-Jul-10 @ 20:30	22-Jul-10 @ 03:30	Slide Hours		3.78		Percent Rotary:		94.39		45 -45	45 -502
		Below Rotary Hrs.		31.00		Percent Slide:		5.61			
Total Drilled:		4722.00		Avg. Total ROP:		199.94		Incl.		Azimuth	
Total Rotary Drilled:		4457.00		Avg. Rotary ROP:		224.72		IN OUT		IN OUT	
Total Drilled Sliding:		265.00		Avg. Slide ROP:		70.04		.0 .0		.00 .00	
SPP	0 -2100	Weights	SO	0 -119	PU	0 -126	RAB	0 -124	Reason POOH		PR

Bit Data								Motor Data						Mud Data					
SEC.		FDX 56 M						Motor						Type		LSND/LSD			
Type Bit				PDC				Model:			Pad OD			WT 9.3		GAS 0		Solids 6	
TFA		1.242						MFG. Xcaliber			6 3/4			Vis 45		SAND 0.2		T ° 97	
JETS		18	18	18	18	18	Bend ° 1.76		Stator/Rotor		9:10		PV 18		PH 9.4		Chlor 800		
		0	0	0	0	0	Bit to Bend 6.45		Motor Diff				YP 17		WL 4.8		Oil % 0		
Bit Coding				IADC#				Rev/GAL 0.21						BHT°		0			
IR	OR	DL	Loc	BS	G	ODL	NB Stab 0		Pumps		PUMP1		PUMP1						
									NAME										
									Model										
Bit Drop:		140 PSI @ 502 GPM				Sensor Offsets				Type									
Comments				Sensor	45	Sonic	0	Liner				.00		.00					
				Gamma	0	DNsc	832	Stroke				.00		.00					
				Restiv	0	GYRO	0	Efficiency				.00		.00					

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FDX 56 M	11480640		8 3/4	1.00	1.00	4 1/2 REGP
2	Motor 1.76	X65039		6 7/16	29.79	30.79	4 1/2 XHB
3	UBHO	UB-65-107	2 13/16	6 3/8	2.91	33.70	4 1/2 XHB
4	Monel	AWS.650.30.007	3 1/4	6 1/8	30.16	63.86	4 1/2 XHB
5	Gap Sub	G65-0155W	3 1/4	6 3/8	4.57	68.43	4 1/2 XHB
6	Monel	AWS.650.30.007	3 1/4	6 1/8	30.10	98.53	4 1/2 XHB
7	4 1/2 Spiral	HWDP-2.75-	2.75	4.5	917.17	1015.70	4 IF
8					0.00	1015.70	



Well Information

BHA # 2



SDI Job #: 20100714
 COMPANY: Bill Barrett
 LOCATION: Silt
 RIG NAME: Patterson 313
 STATE: Colorado
 COUNTY: Garfield
 WELL NAME: GGU Federal 23D-28-691

FIELD: MDP 9 Pad
 Sec-Twn-Rng:
 PO #/ DISTRICT
 Lead DD: Bobby Wolf
 Co. Man: Corwin Woods
 BHA TYPE: Steerable Assembly

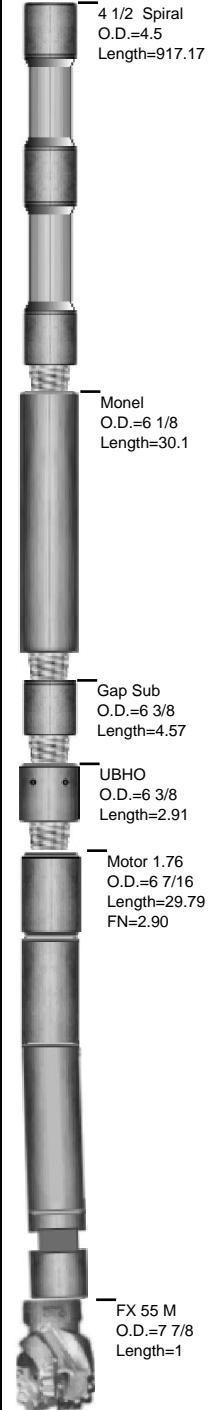
BHA Summary Information

TIME IN - OUT			Rotary Hours		18.67		Start Depth		4722.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		21.05 / .43		End Depth		7103.00				
22-Jul-10 @ 03:30	23-Jul-10 @ 08:10	Slide Hours		1.95		Percent Rotary:		95.42		45 -45	418 -502	
		Below Rotary Hrs.		28.67		Percent Slide:		4.58				
Total Drilled:			2381.00		Avg. Total ROP:		115.49		Incl.		Azimuth	
Total Rotary Drilled:			2272.00		Avg. Rotary ROP:		121.71		IN	OUT	IN	OUT
Total Drilled Sliding:			109.00		Avg. Slide ROP:		55.90		.0	.0	.00	.00
SPP	1200 -2277	Weights	SO	119 -210	PU	126 -240	RAB	124 -195	Reason POOH		PR	

Bit Data								Motor Data						Mud Data							
SEC.		FX 55 M						Steerable Slick						Type	LSND/LSD						
Type Bit				PDC				Model:			Pad OD			WT	9.7	GAS	0	Solids	8		
TFA		0.981						MFG.			Xcaliber			6 11/16			Vis	44	SAND	0.2	T °
JETS			16	16	16	16	16	Bend °		1.76	Stator/Rotor		9:10		PV	20	PH	9.1	Chlor	800	
			0	0	0	0	0	Bit to Bend		6.15	Motor Diff		YP	13	WL	5.2	Oil %	0			
Bit Coding				IADC#					Rev/GAL		0					BHT°			0		
IR	OR	DL	Loc	BS	G	ODL		NB Stab		0		Pumps		PUMP1		PUMP1					
												NAME									
								Rotor Jet		0		Model									
Bit Drop:			234 PSI @ 502 GPM					Sensor Offsets				Type									
Comments				Sensor	45	Sonic	0	Liner													
				Gamma	0	DNsc	4722	Stroke													
				Restiv	0	GYRO	0	Efficiency													

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FX 55 M	11518833		7 7/8	1.00	1.00	4 1/2 REGP
2	Motor 1.76	X65039		6 7/16	29.79	30.79	4 1/2 XHB
3	UBHO	UB-65-107	2 13/16	6 3/8	2.91	33.70	4 1/2 XHB
4	Monel	AWS.650.30.007	3 1/4	6 1/8	30.16	63.86	4 1/2 XHB
5	Gap Sub	G65-0155W	3 1/4	6 3/8	4.57	68.43	4 1/2 XHB
6	Monel	AWS.650.30.007	3 1/4	6 1/8	30.10	98.53	4 1/2 XHB
7	4 1/2 Spiral	HWDP-2.75-	2.75	4.5	917.17	1015.70	4 IF
8					0.00	1015.70	



Well Information

BHA # 3



SDI Job #: 20100714
COMPANY: Bill Barrett
LOCATION: Silt
RIG NAME: Patterson 313
STATE: Colorado
COUNTY: Garfield
WELL NAME: GGU Federal 23D-28-691

FIELD: MDP 9 Pad
Sec-Twn-Rng:
PO #/ DISTRICT
Lead DD: Bobby Wolf
Co. Man: Corwin Woods
BHA TYPE: Steerable Assembly

BHA Summary Information

TIME IN - OUT			Rotary Hours		5.08		Start Depth		7103.00		RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		8.58 / 3.50		End Depth		7700.00				
23-Jul-10 @ 08:10	23-Jul-10 @ 24:00	Slide Hours		.00		Percent Rotary:		100.00		45 -45	418 -418	
		Below Rotary Hrs.		15.83		Percent Slide:		.00				
Total Drilled:			597.00		Avg. Total ROP:		117.44		Incl.		Azimuth	
Total Rotary Drilled:			597.00		Avg. Rotary ROP:		117.44		IN	OUT	IN	OUT
Total Drilled Sliding:			.00		Avg. Slide ROP:		NA		.0	.0	.00	.00
SPP	1886 -1886	Weights	SO	220 -220	PU	270 -270	RAB	240 -240	Reason POOH			

Bit Data								Motor Data						Mud Data					
BAKER		Q504FX 6x16						6.5 9:10lobe 3.7stg 0.21rev 1.76ako						Type	LSND/LSD				
Type Bit				PDC				Model: 650			Pad OD			WT 10.05 GAS		0 Solids		9	
TFA		1.178						MFG. Xcaliber			6 11/16			Vis 43 SAND		0.5 T °		99	
JETS		16	16	16	16	16	Bend ° 1.76		Stator/Rotor		9:10		PV 20 PH 9		Chlor		800		
		16	0	0	0	0	Bit to Bend 6.15		Motor Diff		300		YP 10 WL 6.4		Oil %		0		
Bit Coding				IADC#			Rev/GAL 0.21								BHT°		0		
IR	OR	DL	Loc	BS	G	ODL	NB Stab 0		Pumps			PUMP1		PUMP1					
0 0							Rotor Jet 0		NAME										
									Model										
Bit Drop:		117 PSI @ 418 GPM				Sensor Offsets			Type										
Comments				Sensor	45	Sonic	0	Liner			.00 .00								
				Gamma	0	DNsc	7103	Stroke			.00 .00								
				Restiv	0	GYRO	0	Efficiency			.00 .00								

BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Q504FX 6x16	7019383		7 7/8	1.00	1.00	4 1/2 REGP
2	Motor 1.76	X65039		6 7/16	29.79	30.79	4 1/2 XHB
3	UBHO	UB-65-107	2 13/16	6 3/8	2.91	33.70	4 1/2 XHB
4	Monel	AWS.650.30.007	3 1/4	6 1/8	30.16	63.86	4 1/2 XHB
5	Gap Sub	G65-0155W	3 1/4	6 3/8	4.57	68.43	4 1/2 XHB
6	Monel	AWS.650.30.007	3 1/4	6 1/8	30.10	98.53	4 1/2 XHB
7	4 1/2 Spiral	HWDP-2.75-	2.75	4.5	917.17	1015.70	4 IF
8					0.00	1015.70	

