



Well Name and Number:

GGU Federal 11A-33-691

Patterson 307  
Garfield County, Colorado

Directional Services Provided By:

Sharewell Energy Services, LP





June 30, 2010

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

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

Well Reference: **GGU Federal 11A-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 Corporation**

## **Bill Barrett Corp.**

Garfield County, Colorado

MDP 2 Pad

GGU Federal 11A-33-691

Wellbore #1

Survey: Surveys

## **Standard Survey Report**

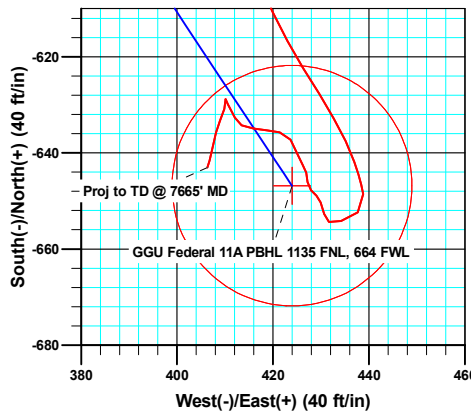
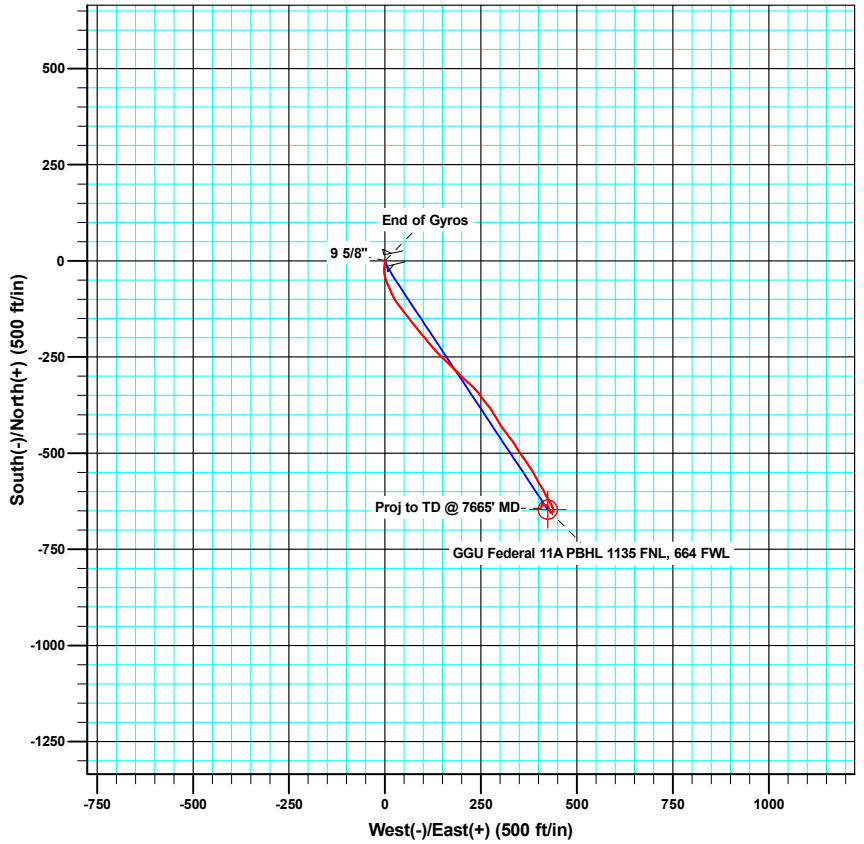
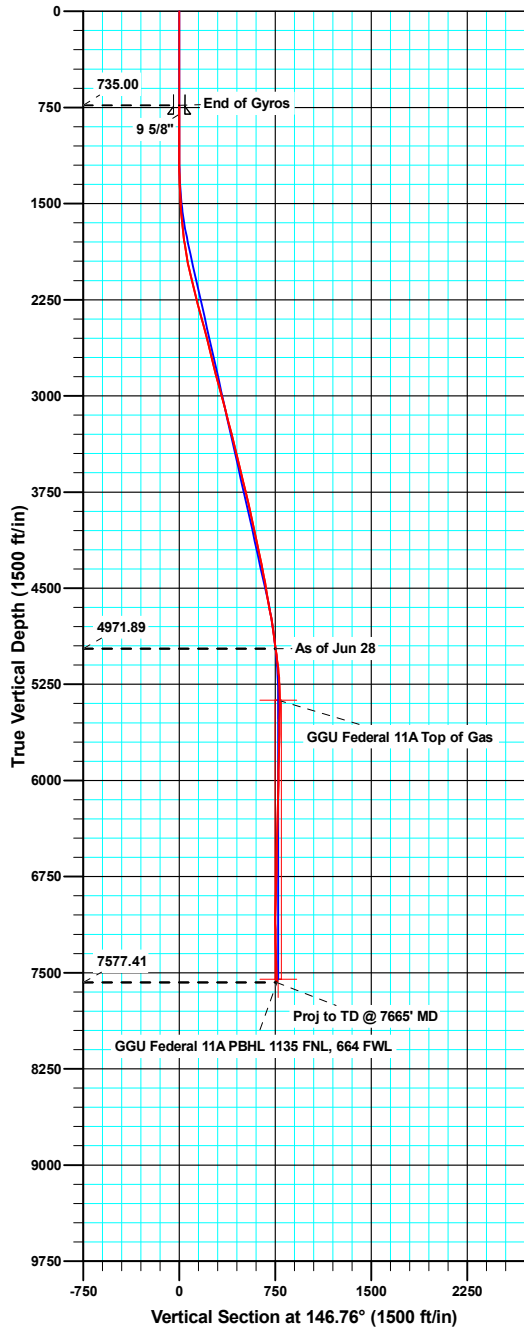
30 June, 2010





WELL DETAILS: GGU Federal 11A-33-691

Ground Level: 6374.00  
 North American Datum 1983 , US State Plane 1983 , Colorado Central Zone  
 +N/-S +E/-W Northing Easting Latitude Longitude  
 0.00 0.00 1610172.45 2416581.88 39.490473 -107.567405



Azimuths to True North  
 Magnetic North: 10.29°  
  
 Magnetic Field  
 Strength: 52450.2snT  
 Dip Angle: 65.86°  
 Date: 03/31/2010  
 Model: IGRF200510

ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	V/Sect	Departure	Annotation
4971.89	5057.00	7.70	148.00	-622.32	426.32	754.19	771.14	As of Jun 28
7577.41	7665.00	1.80	197.20	-643.05	406.32	760.56	865.29	Proj to TD @ 7665' MD



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well GGU Federal 11A-33-691
<b>Project:</b>	Garfield County, Colorado	<b>TVD Reference:</b>	KB @ 6396.00ft
<b>Site:</b>	MDP 2 Pad	<b>MD Reference:</b>	KB @ 6396.00ft
<b>Well:</b>	GGU Federal 11A-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>	Compass VM

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

<b>Site</b>	MDP 2 Pad				
<b>Site Position:</b>		<b>Northing:</b>	1,610,172.45 usft	<b>Latitude:</b>	39.490473
<b>From:</b>	Lat/Long	<b>Easting:</b>	2,416,581.89 usft	<b>Longitude:</b>	-107.567405
<b>Position Uncertainty:</b>	0.00 ft	<b>Slot Radius:</b>	0.00 ft	<b>Grid Convergence:</b>	-1.30 °

<b>Well</b>	GGU Federal 11A-33-691					
<b>Well Position</b>	<b>+N/-S</b>	0.00 ft	<b>Northing:</b>	1,610,172.45 usft	<b>Latitude:</b>	39.490473
	<b>+E/-W</b>	0.00 ft	<b>Easting:</b>	2,416,581.89 usft	<b>Longitude:</b>	-107.567405
<b>Position Uncertainty</b>		0.00 ft	<b>Wellhead Elevation:</b>	ft	<b>Ground Level:</b>	6,374.00 ft

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

<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	146.76	

<b>Survey Program</b>	<b>Date</b>	06/30/10			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
50.00	735.00	Gyro Surveys (Wellbore #1)	MWD	MWD - Standard	
878.00	7,665.00	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>	
735.00	0.26	184.63	735.00	0.64	0.58	-0.22	0.00	0.00	0.00	
803.00	0.24	257.47	803.00	0.46	0.43	-0.15	0.44	-0.03	107.12	
<b>9 5/8"</b>										
878.00	0.50	290.70	878.00	0.54	-0.03	-0.47	0.44	0.35	44.31	
970.00	0.30	23.80	969.99	0.90	-0.31	-0.93	0.65	-0.22	101.20	
1,062.00	0.40	222.40	1,061.99	0.89	-0.43	-0.98	0.75	0.11	-175.43	
1,154.00	0.40	221.80	1,153.99	0.41	-0.86	-0.81	0.00	0.00	-0.65	
1,246.00	1.50	184.10	1,245.98	-1.03	-1.16	0.23	1.31	1.20	-40.98	
1,338.00	3.10	169.60	1,337.90	-4.68	-0.80	3.48	1.84	1.74	-15.76	
1,434.00	3.50	192.40	1,433.75	-10.09	-0.96	7.92	1.42	0.42	23.75	

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well GGU Federal 11A-33-691
<b>Project:</b>	Garfield County, Colorado	<b>TVD Reference:</b>	KB @ 6396.00ft
<b>Site:</b>	MDP 2 Pad	<b>MD Reference:</b>	KB @ 6396.00ft
<b>Well:</b>	GGU Federal 11A-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>	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)	
1,529.00	4.70	186.30	1,528.50	-16.79	-2.01	12.95	1.34	1.26	-6.42	
1,624.00	5.70	177.00	1,623.11	-25.37	-2.19	20.02	1.37	1.05	-9.79	
1,720.00	7.00	173.10	1,718.52	-35.94	-1.23	29.39	1.43	1.35	-4.06	
1,815.00	9.30	159.30	1,812.56	-48.87	2.17	42.07	3.16	2.42	-14.53	
1,911.00	9.70	156.90	1,907.25	-63.57	8.09	57.60	0.59	0.42	-2.50	
2,006.00	11.90	155.70	2,000.56	-79.86	15.26	75.16	2.33	2.32	-1.26	
2,102.00	13.90	151.30	2,094.13	-99.00	24.87	96.43	2.32	2.08	-4.58	
2,197.00	14.50	141.20	2,186.25	-118.28	37.81	119.65	2.68	0.63	-10.63	
2,293.00	14.80	140.90	2,279.12	-137.16	53.07	143.81	0.32	0.31	-0.31	
2,388.00	14.90	143.10	2,370.95	-156.34	68.06	168.07	0.60	0.11	2.32	
2,483.00	14.70	142.10	2,462.80	-175.62	82.79	192.27	0.34	-0.21	-1.05	
2,579.00	14.50	137.00	2,555.70	-194.02	98.47	216.26	1.35	-0.21	-5.31	
2,674.00	14.10	142.90	2,647.77	-211.95	113.57	239.52	1.59	-0.42	6.21	
2,770.00	14.10	138.00	2,740.88	-229.97	128.44	262.75	1.24	0.00	-5.10	
2,865.00	14.90	133.90	2,832.85	-247.04	144.99	286.09	1.37	0.84	-4.32	
2,960.00	15.60	133.80	2,924.51	-264.35	163.01	310.45	0.74	0.74	-0.11	
3,055.00	14.90	133.50	3,016.16	-281.60	181.09	334.79	0.74	-0.74	-0.32	
3,151.00	15.30	136.50	3,108.85	-299.28	198.76	359.26	0.91	0.42	3.13	
3,246.00	14.60	131.10	3,200.64	-316.25	216.41	383.13	1.64	-0.74	-5.68	
3,342.00	14.50	136.50	3,293.56	-332.92	233.80	406.61	1.42	-0.10	5.63	
3,437.00	14.50	143.30	3,385.54	-351.08	249.10	430.18	1.79	0.00	7.16	
3,532.00	14.20	141.30	3,477.58	-369.71	263.49	453.65	0.61	-0.32	-2.11	
3,627.00	13.70	146.00	3,569.78	-388.13	277.07	476.50	1.30	-0.53	4.95	
3,723.00	13.10	149.50	3,663.17	-406.93	288.95	498.74	1.05	-0.63	3.65	
3,818.00	13.10	148.50	3,755.69	-425.39	300.04	520.25	0.24	0.00	-1.05	
3,913.00	12.80	142.80	3,848.28	-442.95	312.03	541.51	1.38	-0.32	-6.00	
4,009.00	12.70	141.60	3,941.92	-459.69	325.01	562.63	0.29	-0.10	-1.25	
4,104.00	12.70	148.90	4,034.60	-476.82	336.89	583.47	1.69	0.00	7.68	
4,199.00	12.10	145.30	4,127.38	-493.95	347.95	603.86	1.03	-0.63	-3.79	
4,295.00	11.30	145.30	4,221.39	-509.95	359.04	623.32	0.83	-0.83	0.00	
4,390.00	11.40	146.60	4,314.53	-525.44	369.50	642.01	0.29	0.11	1.37	
4,485.00	10.90	146.00	4,407.74	-540.73	379.69	660.38	0.54	-0.53	-0.63	
4,581.00	9.70	150.40	4,502.19	-555.28	388.76	677.53	1.49	-1.25	4.58	
4,676.00	10.00	152.20	4,595.79	-569.54	396.56	693.73	0.45	0.32	1.89	
4,771.00	10.20	146.90	4,689.32	-583.88	405.00	710.35	1.00	0.21	-5.58	
4,867.00	9.10	151.40	4,783.96	-597.67	413.28	726.42	1.39	-1.15	4.69	
4,962.00	8.50	154.40	4,877.84	-610.60	419.91	740.86	0.79	-0.63	3.16	
5,057.00	7.70	148.00	4,971.89	-622.32	426.32	754.19	1.27	-0.84	-6.74	
5,155.00	6.70	149.90	5,069.12	-632.84	432.66	766.46	1.05	-1.02	1.94	
5,251.00	5.30	160.80	5,164.60	-641.87	436.93	776.35	1.87	-1.46	11.35	
5,346.00	3.10	169.60	5,259.34	-648.54	438.84	782.98	2.41	-2.32	9.26	
5,441.00	2.50	231.20	5,354.24	-652.37	437.69	785.55	3.07	-0.63	64.84	
5,536.00	2.30	255.00	5,449.16	-654.16	434.23	785.15	1.06	-0.21	25.05	

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well GGU Federal 11A-33-691
<b>Project:</b>	Garfield County, Colorado	<b>TVD Reference:</b>	KB @ 6396.00ft
<b>Site:</b>	MDP 2 Pad	<b>MD Reference:</b>	KB @ 6396.00ft
<b>Well:</b>	GGU Federal 11A-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>	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	0.90	295.00	5,545.12	-654.34	431.69	783.91	1.78	-1.46	41.67	
5,727.00	1.70	344.80	5,640.10	-652.66	430.64	781.93	1.38	0.84	52.42	
5,822.00	1.30	342.70	5,735.07	-650.28	429.95	779.56	0.42	-0.42	-2.21	
5,918.00	0.80	304.00	5,831.05	-648.86	429.07	777.89	0.88	-0.52	-40.31	
6,013.00	1.10	321.00	5,926.04	-647.78	427.95	776.37	0.43	0.32	17.89	
6,109.00	1.20	350.20	6,022.02	-646.08	427.20	774.53	0.61	0.10	30.42	
6,204.00	1.20	354.00	6,117.00	-644.11	426.92	772.73	0.08	0.00	4.00	
6,299.00	1.10	313.70	6,211.98	-642.49	426.16	770.96	0.84	-0.11	-42.42	
6,395.00	2.10	346.20	6,307.95	-640.14	425.07	768.41	1.37	1.04	33.85	
6,490.00	1.90	321.60	6,402.89	-637.22	423.68	765.20	0.92	-0.21	-25.89	
6,586.00	1.60	282.00	6,498.85	-635.69	421.38	762.66	1.27	-0.31	-41.25	
6,681.00	1.50	276.20	6,593.81	-635.28	418.85	760.93	0.20	-0.11	-6.11	
6,776.00	2.10	277.40	6,688.77	-634.92	415.89	759.00	0.63	0.63	1.26	
6,872.00	1.00	305.50	6,784.73	-634.21	413.46	757.08	1.36	-1.15	29.27	
6,966.00	1.60	327.00	6,878.71	-632.63	412.08	755.00	0.81	0.64	22.87	
7,062.00	2.20	337.20	6,974.65	-629.81	410.63	751.85	0.72	0.63	10.63	
7,157.00	0.80	165.10	7,069.64	-628.77	410.10	750.68	3.15	-1.47	-181.16	
7,252.00	1.80	196.40	7,164.61	-630.84	409.85	752.28	1.25	1.05	32.95	
7,348.00	1.40	203.40	7,260.57	-633.36	408.95	753.90	0.46	-0.42	7.29	
7,443.00	1.70	195.40	7,355.54	-635.79	408.12	755.47	0.39	0.32	-8.42	
7,539.00	2.20	190.50	7,451.48	-638.97	407.41	757.74	0.55	0.52	-5.10	
7,616.00	1.80	197.20	7,528.44	-641.58	406.78	759.58	0.60	-0.52	8.70	
7,665.00	1.80	197.20	7,577.41	-643.05	406.32	760.56	0.00	0.00	0.00	

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (ft)	Hole Diameter (ft)	
803.00	803.00	9 5/8"	0.80	1.02	

Survey Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment	
		+N/-S (ft)	+E/-W (ft)		
5,057.00	4,971.89	-622.32	426.32	As of Jun 28	
7,665.00	7,577.41	-643.05	406.32	Proj to TD @ 7665' MD	

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



<b>SDI Job #:</b>	20100607	<b>Report Time:</b>	2400	1 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>Sec-Twn-Rng:</b>		
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		
<b>WELL NAME:</b>	MDP 2 Pad, GGU FED 11A-33-691			

From Saturday, June 26, 2010 at 0000 to Saturday, June 26, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters										
Start Depth	825.00	Rotary Hours	8.75	WOB	20	Pick UP	125	Slack Off	110	SPM				
End Depth	3450.00	Circulating Hours	0.50	RAB	115	SPP	2650	FlowRate	0 - 575	120				
Total Drilled:	2625.00	Avg. Total ROP:	207.24	Mud Data										
Total Rotary Drilled:	2196.00	Avg. Rotary ROP:	250.97	Type		PV	18	SOLID	4					
Total Drilled Sliding:	429.00	Avg. Slide ROP:	109.53	Weight	9.3	GAS	0	YP	14	BHT°	0			
Slide Hours:	3.92	Percent Rotary:	83.66	Viscosity	40	SAND	0.01	PH	9	Flow T°	0			
Below Rotary Hrs.	18.75	Percent Slide:	16.34	Chlorides	1300	WL	4			Oil %	0			
PERSONNEL				Casing			BHA							
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth	BHA # 1:MDi519 4x11, 3x10, 6.75 Mtr., 7/8, 6.0, .26 rev, 6.5" UBHO , 6.5" Monel, 6.5" Gap Sub, 6.5" Monel, 42 Jts. HWDP,							
Second Directional :	Allan Rieser			20	0	0								
MWD Operator1	James Hope													
MWD Operator2														
Directional Company:	Sharewell Energy Services													
Geologist:														
Company Man:	Cecil Crow													
Incl. In:	0	Azm. In:	0	Incl. Out:	14.5	Azm. Out:	136.5	Signature:						

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Jun-10	05:15	06:45	1.50	825	825	Change BHA	P/U directional tools
26-Jun-10	06:45	07:05	0.33	825	825	TIH	TIH 4 stds
26-Jun-10	07:05	08:00	0.92	825	825	Other	finish pre-spud inspection
26-Jun-10	08:00	08:10	0.17	825	825	TIH	TIH
26-Jun-10	08:10	08:35	0.42	825	825	Other	fix leaking flowline
26-Jun-10	08:35	09:10	0.58	825	835	Drilling Cement	D/O Cement
26-Jun-10	09:10	09:45	0.58	835	927	Drilling	Drilling
26-Jun-10	09:45	09:50	0.08	927	927	Survey & Conn.	Survey & Conn.
26-Jun-10	09:50	10:10	0.33	927	1019	Drilling	Drilling - (WOB:10;GPM :397;RPM:47)
26-Jun-10	10:10	10:15	0.08	1019	1019	Survey & Conn.	Survey & Conn.
26-Jun-10	10:15	10:35	0.33	1019	1111	Drilling	Drilling - (WOB:14;GPM :397;RPM:47)
26-Jun-10	10:35	10:40	0.08	1111	1111	Survey & Conn.	Survey & Conn.
26-Jun-10	10:40	10:50	0.17	1111	1126	Sliding	Survey & Conn.
26-Jun-10	10:50	11:00	0.17	1126	1203	Drilling	Drilling - (WOB:14;GPM :397;RPM:47)
26-Jun-10	11:00	11:05	0.08	1203	1203	Survey & Conn.	Survey & Conn.
26-Jun-10	11:05	11:20	0.25	1203	1228	Sliding	Sliding - (WOB:14;GPM :397;TFO:0)
26-Jun-10	11:20	11:35	0.25	1228	1295	Drilling	Drilling - (WOB:14;GPM :397;RPM:47)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Jun-10	11:35	11:40	0.08	1295	1295	Survey & Conn.	Survey & Conn.
26-Jun-10	11:40	11:50	0.17	1295	1320	Sliding	Sliding - (WOB:14;GPM :397;TFO:0)
26-Jun-10	11:50	12:10	0.33	1320	1387	Drilling	Drilling - (WOB:14;GPM :397;RPM:47)
26-Jun-10	12:10	12:15	0.08	1387	1387	Survey & Conn.	Survey & Conn.
26-Jun-10	12:15	12:25	0.17	1387	1412	Sliding	Sliding - (WOB:14;GPM :397;TFO:0)
26-Jun-10	12:25	12:35	0.17	1412	1483	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	12:35	12:40	0.08	1483	1483	Survey & Conn.	Survey & Conn.
26-Jun-10	12:40	12:50	0.17	1483	1508	Sliding	Sliding - (WOB:14;GPM :397;TFO:0)
26-Jun-10	12:50	13:05	0.25	1508	1578	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	13:05	13:10	0.08	1578	1578	Survey & Conn.	Survey & Conn.
26-Jun-10	13:10	13:20	0.17	1578	1538	Sliding	Sliding - (WOB:14;GPM :397;TFO:0)
26-Jun-10	13:20	13:30	0.17	1538	1673	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	13:30	13:35	0.08	1673	1673	Survey & Conn.	Survey & Conn.
26-Jun-10	13:35	13:50	0.25	1673	1708	Sliding	Sliding - (WOB:14;GPM :397;TFO:0)
26-Jun-10	13:50	14:05	0.25	1708	1769	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	14:05	14:10	0.08	1769	1769	Survey & Conn.	Survey & Conn.
26-Jun-10	14:10	14:25	0.25	1769	1809	Sliding	Sliding - (WOB:14;GPM :397;TFO:0)
26-Jun-10	14:25	14:40	0.25	1809	1864	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	14:40	14:45	0.08	1864	1864	Survey & Conn.	Survey & Conn.
26-Jun-10	14:45	15:00	0.25	1864	1894	Sliding	Sliding - (WOB:20;GPM :575;TFO:0)
26-Jun-10	15:00	15:15	0.25	1894	1960	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	15:15	15:20	0.08	1960	1960	Survey & Conn.	Survey & Conn.
26-Jun-10	15:20	15:40	0.33	1960	2000	Sliding	Sliding - (WOB:20;GPM :575;TFO:0)
26-Jun-10	15:40	15:55	0.25	2000	2055	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	15:55	16:00	0.08	2055	2055	Survey & Conn.	Survey & Conn.
26-Jun-10	16:00	16:15	0.25	2055	2098	Sliding	Sliding - (WOB:20;GPM :575;TFO:0)
26-Jun-10	16:15	16:25	0.17	2098	2151	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	16:25	16:30	0.08	2151	2151	Survey & Conn.	Survey & Conn.
26-Jun-10	16:30	16:45	0.25	2151	2183	Sliding	Sliding - (WOB:20;GPM :575;TFO:0)
26-Jun-10	16:45	16:55	0.17	2183	2246	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	16:55	17:00	0.08	2246	2246	Survey & Conn.	Survey & Conn.
26-Jun-10	17:00	17:20	0.33	2246	2342	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	17:20	17:50	0.50	2342	2342	Rig Service-Inhole	Rig Service-Inhole
26-Jun-10	17:50	17:55	0.08	2342	2342	Survey & Conn.	Survey & Conn.
26-Jun-10	17:55	18:15	0.33	2342	2437	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	18:15	18:20	0.08	2437	2437	Survey & Conn.	Survey & Conn.
26-Jun-10	18:20	18:35	0.25	2437	2466	Sliding	Sliding - (WOB:20;GPM :575;TFO:0)
26-Jun-10	18:35	18:50	0.25	2466	2532	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	18:50	18:55	0.08	2532	2532	Survey & Conn.	Survey & Conn.
26-Jun-10	18:55	19:10	0.25	2532	2552	Sliding	Sliding - (WOB:20;GPM :575;TFO:0)
26-Jun-10	19:10	19:25	0.25	2552	2628	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	19:25	19:30	0.08	2628	2628	Survey & Conn.	Survey & Conn.
26-Jun-10	19:30	19:45	0.25	2628	2723	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	19:45	19:50	0.08	2723	2723	Survey & Conn.	Survey & Conn.
26-Jun-10	19:50	20:00	0.17	2723	2748	Sliding	Sliding - (WOB:20;GPM :575;TFO:0)
26-Jun-10	20:00	20:20	0.33	2748	2819	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	20:20	20:25	0.08	2819	2819	Survey & Conn.	Survey & Conn.
26-Jun-10	20:25	20:35	0.17	2819	2839	Sliding	Sliding - (WOB:20;GPM :575;TFO:0)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
26-Jun-10	20:35	20:50	0.25	2839	2914	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	20:50	20:55	0.08	2914	2914	Survey & Conn.	Survey & Conn.
26-Jun-10	20:55	21:10	0.25	2914	3009	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	21:10	21:15	0.08	3009	3009	Survey & Conn.	Survey & Conn.
26-Jun-10	21:15	21:40	0.42	3009	3104	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	21:40	21:45	0.08	3104	3104	Survey & Conn.	Survey & Conn.
26-Jun-10	21:45	22:05	0.33	3104	3200	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	22:05	22:10	0.08	3200	3200	Survey & Conn.	Survey & Conn.
26-Jun-10	22:10	22:35	0.42	3200	3295	Drilling	Drilling - (WOB:20;GPM :575;RPM:49)
26-Jun-10	22:35	22:40	0.08	3295	3295	Survey & Conn.	Survey & Conn.
26-Jun-10	22:40	22:55	0.25	3295	3315	Sliding	Sliding - (WOB:20;GPM :575;TFO:0)
26-Jun-10	22:55	23:20	0.42	3315	3391	Drilling	Drilling - (WOB:20;GPM :476;RPM:49)
26-Jun-10	23:20	23:25	0.08	3391	3391	Survey & Conn.	Survey & Conn.
26-Jun-10	23:25	23:35	0.17	3391	3411	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
26-Jun-10	23:35	24:00	0.42	3411	3450	Drilling	Drilling - (WOB:20;GPM :476;RPM:49)



<b>SDI Job #:</b>	20100607	<b>Report Time:</b>	2400	2 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>Sec-Twn-Rng:</b>		
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		
<b>WELL NAME:</b>	MDP 2 Pad, GGU FED 11A-33-691			

From Sunday, June 27, 2010 at 0000 to Sunday, June 27, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters									
Start Depth	3450.00	Rotary Hours	15.08	WOB	30	Pick UP	125	Slack Off	110	SPM			
End Depth	5185.00	Circulating Hours	0.75	RAB	115	SPP	2800	FlowRate	476 - 476	120			
Total Drilled:	1735.00	Avg. Total ROP:	87.48	<b>Mud Data</b>									
Total Rotary Drilled:	1579.00	Avg. Rotary ROP:	104.69	Type		PV	15	SOLID	8				
Total Drilled Sliding:	156.00	Avg. Slide ROP:	32.84	Weight	9.7	GAS	0	YP	6	BHT°	0		
Slide Hours:	4.75	Percent Rotary:	91.01	Viscosity	40	SAND	0.01	PH	9	Flow T°	0		
Below Rotary Hrs.	23.75	Percent Slide:	8.99	Chlorides	1300	WL	5.6			Oil %	0		
PERSONNEL				Casing			BHA						
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth	BHA # 1:MDi519 4x11, 3x10, 6.75 Mtr., 7/8, 6.0, .26 rev, 6.5" UBHO , 6.5" Monel, 6.5" Gap Sub, 6.5" Monel, 42 Jts. HWDP,						
Second Directional :	Allan Rieser			20	0	0							
MWD Operator1	James Hope												
MWD Operator2													
Directional Company:	Sharewell Energy Services												
Geologist:													
Company Man:	Cecil Crow												
Incl. In:	14.5	Azm. In:	136.5	Incl. Out:	7.7	Azm. Out:	148	Signature:					

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
27-Jun-10	00:00	00:10	0.17	3450	3486	Drilling	Drilling - (WOB:20;GPM :476;RPM:49)
27-Jun-10	00:10	00:15	0.08	3486	3486	Survey & Conn.	Survey & Conn.
27-Jun-10	00:15	00:45	0.50	3486	3581	Drilling	Drilling - (WOB:20;GPM :476;RPM:49)
27-Jun-10	00:45	00:50	0.08	3581	3581	Survey & Conn.	Survey & Conn.
27-Jun-10	00:50	01:05	0.25	3581	3599	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
27-Jun-10	01:05	01:25	0.33	3599	3676	Drilling	Drilling - (WOB:20;GPM :476;RPM:49)
27-Jun-10	01:25	01:30	0.08	3676	3676	Survey & Conn.	Survey & Conn.
27-Jun-10	01:30	02:05	0.58	3676	3772	Drilling	Drilling - (WOB:20;GPM :476;RPM:49)
27-Jun-10	02:05	02:10	0.08	3772	3772	Survey & Conn.	Survey & Conn.
27-Jun-10	02:10	02:25	0.25	3772	3772	L/D DP	replaced bad joint DP
27-Jun-10	02:25	02:35	0.17	3772	3787	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
27-Jun-10	02:35	03:00	0.42	3787	3867	Drilling	Drilling - (WOB:20;GPM :476;RPM:49)
27-Jun-10	03:00	03:05	0.08	3867	3867	Survey & Conn.	Survey & Conn.
27-Jun-10	03:05	03:20	0.25	3867	3882	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
27-Jun-10	03:20	03:50	0.50	3882	3962	Drilling	Drilling - (WOB:20;GPM :476;RPM:49)
27-Jun-10	03:50	03:55	0.08	3962	3962	Survey & Conn.	Survey & Conn.
27-Jun-10	03:55	04:05	0.17	3962	3971	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
27-Jun-10	04:05	04:50	0.75	3971	4058	Drilling	Drilling - (WOB:20;GPM :476;RPM:49)
27-Jun-10	04:50	04:55	0.08	4058	4058	Survey & Conn.	Survey & Conn.
27-Jun-10	04:55	05:15	0.33	4058	4071	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
27-Jun-10	05:15	06:00	0.75	4071	4153	Drilling	Drilling - (WOB:20;GPM :476;RPM:49)
27-Jun-10	06:00	06:05	0.08	4153	4153	Survey & Conn.	Survey & Conn.
27-Jun-10	06:05	07:05	1.00	4153	4248	Drilling	Drilling - (WOB:25;GPM :476;RPM:44)
27-Jun-10	07:05	07:10	0.08	4248	4248	Survey & Conn.	Survey & Conn.
27-Jun-10	07:10	07:50	0.67	4248	4344	Drilling	Drilling - (WOB:25;GPM :476;RPM:44)
27-Jun-10	07:50	07:55	0.08	4344	4344	Survey & Conn.	Survey & Conn.
27-Jun-10	07:55	09:10	1.25	4344	4439	Drilling	Drilling - (WOB:25;GPM :476;RPM:44)
27-Jun-10	09:10	09:15	0.08	4439	4439	Survey & Conn.	Survey & Conn.
27-Jun-10	09:15	10:35	1.33	4439	4534	Drilling	Drilling - (WOB:25;GPM :476;RPM:44)
27-Jun-10	10:35	10:40	0.08	4534	4534	Survey & Conn.	Survey & Conn.
27-Jun-10	10:40	11:35	0.92	4534	4630	Drilling	Drilling - (WOB:25;GPM :476;RPM:44)
27-Jun-10	11:35	11:40	0.08	4630	4630	Survey & Conn.	Survey & Conn.
27-Jun-10	11:40	13:10	1.50	4630	4725	Drilling	Drilling - (WOB:25;GPM :476;RPM:44)
27-Jun-10	13:10	13:15	0.08	4725	4725	Survey & Conn.	Survey & Conn.
27-Jun-10	13:15	14:15	1.00	4725	4820	Drilling	Drilling - (WOB:25;GPM :476;RPM:44)
27-Jun-10	14:15	14:20	0.08	4820	4820	Survey & Conn.	Survey & Conn.
27-Jun-10	14:20	15:00	0.67	4820	4832	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
27-Jun-10	15:00	16:00	1.00	4832	4916	Drilling	Drilling - (WOB:30;GPM :476;RPM:47)
27-Jun-10	16:00	16:30	0.50	4916	4916	Rig Service-Inhole	Rig Service-Inhole
27-Jun-10	16:30	16:35	0.08	4916	4916	Survey & Conn.	Survey & Conn.
27-Jun-10	16:35	17:00	0.42	4916	4928	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
27-Jun-10	17:00	18:10	1.17	4928	5011	Drilling	Drilling - (WOB:30;GPM :476;RPM:49)
27-Jun-10	18:10	18:15	0.08	5011	5011	Survey & Conn.	Survey & Conn.
27-Jun-10	18:15	19:00	0.75	5011	5035	Sliding	Sliding - (WOB:25;GPM :476;TFO:0)
27-Jun-10	19:00	19:50	0.83	5035	5106	Drilling	Drilling - (WOB:30;GPM :476;RPM:49)
27-Jun-10	19:50	19:55	0.08	5106	5106	Survey & Conn.	Survey & Conn.
27-Jun-10	19:55	21:40	1.75	5106	5144	Sliding	Sliding - (WOB:25;GPM :476;TFO:0)
27-Jun-10	21:40	22:05	0.42	5144	5185	Drilling	Drilling - (WOB:30;GPM :476;RPM:49)
27-Jun-10	22:05	22:20	0.25	5185	5185	Circulating	Build Slug
27-Jun-10	22:20	24:00	1.67	5185	5185	POOH	POOH



<b>SDI Job #:</b>	20100607	<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>Sec-Twn-Rng:</b>		
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		
<b>WELL NAME:</b>	MDP 2 Pad, GGU FED 11A-33-691			

**From Monday, June 28, 2010 at 0000 to Monday, June 28, 2010 at 2400**

DRILLING SUMMARY				Drilling Parameters								
Start Depth	5185.00	Rotary Hours	12.58	WOB	20	Pick UP	125	Slack Off	110	SPM		
End Depth	6858.00	Circulating Hours	0.33	RAB	115	SPP	2800	FlowRate	476 - 476	120		
Total Drilled:	1673.00	Avg. Total ROP:	101.91	<b>Mud Data</b>								
Total Rotary Drilled:	1481.00	Avg. Rotary ROP:	117.70	Type				PV	15	SOLID	8	
Total Drilled Sliding:	192.00	Avg. Slide ROP:	50.09	Weight	9.7	GAS	0	YP	6	BHT°	0	
Slide Hours:	3.83	Percent Rotary:	88.52	Viscosity	40	SAND	0.01	PH	9	Flow T°	0	
Below Rotary Hrs.	24.00	Percent Slide:	11.48	Chlorides	1300	WL	5.6			Oil %	0	
PERSONNEL				Casing			BHA					
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth	BHA # 2:MI516 3x18 2x 16, 6.5 Mtr 7/8 3.3 .16 rev, 6.5" UBHO , 6.5" Monel, 6.5" Gap Sub, 6.5" Monel, 42 Jts. HWDP,					
Second Directional :	Allan Rieser			20	0	0						
MWD Operator1	James Hope											
MWD Operator2												
Directional Company:	Sharewell Energy Services											
Geologist:												
Company Man:	Cecil Crow			Signature:								
Incl. In:	7.7	Azm. In:	148	Incl. Out:	2.1	Azm. Out:	277.4					

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
28-Jun-10	00:00	01:10	1.17	5185	5185	POOH	POOH
28-Jun-10	01:10	02:30	1.33	5185	5185	Change BHA	Change BHA
28-Jun-10	02:30	05:30	3.00	5185	5185	TIH	TIH
28-Jun-10	05:30	05:50	0.33	5185	5204	Drilling	Drilling - (WOB:30;GPM :476;RPM:49)
28-Jun-10	05:50	05:55	0.08	5204	5204	Survey & Conn.	Survey & Conn.
28-Jun-10	05:55	06:15	0.33	5204	5224	Sliding	Sliding - (WOB:25;GPM :476;TFO:0)
28-Jun-10	06:15	07:00	0.75	5224	5300	Drilling	Drilling - (WOB:20;GPM :476;RPM:48)
28-Jun-10	07:00	07:10	0.17	5300	5300	Survey & Conn.	Survey & Conn.
28-Jun-10	07:10	07:30	0.33	5300	5325	Sliding	Sliding - (WOB:25;GPM :476;TFO:0)
28-Jun-10	07:30	08:15	0.75	5325	5395	Drilling	Drilling - (WOB:20;GPM :476;RPM:48)
28-Jun-10	08:15	08:20	0.08	5395	5395	Survey & Conn.	Survey & Conn.
28-Jun-10	08:20	08:45	0.42	5395	5418	Sliding	Sliding - (WOB:25;GPM :476;TFO:0)
28-Jun-10	08:45	09:15	0.50	5418	5490	Drilling	Drilling - (WOB:20;GPM :476;RPM:48)
28-Jun-10	09:15	09:20	0.08	5490	5490	Survey & Conn.	Survey & Conn.
28-Jun-10	09:20	09:40	0.33	5490	5505	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
28-Jun-10	09:40	10:10	0.50	5505	5585	Drilling	Drilling - (WOB:20;GPM :476;RPM:48)
28-Jun-10	10:10	10:15	0.08	5585	5585	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
28-Jun-10	10:15	10:40	0.42	5585	5610	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
28-Jun-10	10:40	11:10	0.50	5610	5681	Drilling	Drilling - (WOB:20;GPM :476;RPM:48)
28-Jun-10	11:10	11:15	0.08	5681	5681	Survey & Conn.	Survey & Conn.
28-Jun-10	11:15	11:30	0.25	5681	5696	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
28-Jun-10	11:30	12:05	0.58	5696	5776	Drilling	Drilling - (WOB:20;GPM :476;RPM:48)
28-Jun-10	12:05	12:10	0.08	5776	5776	Survey & Conn.	Survey & Conn.
28-Jun-10	12:10	13:00	0.83	5776	5871	Drilling	Drilling - (WOB:20;GPM :476;RPM:48)
28-Jun-10	13:00	13:05	0.08	5871	5871	Survey & Conn.	Survey & Conn.
28-Jun-10	13:05	13:50	0.75	5871	5967	Drilling	Drilling - (WOB:20;GPM :476;RPM:48)
28-Jun-10	13:50	13:55	0.08	5967	5967	Survey & Conn.	Survey & Conn.
28-Jun-10	13:55	14:10	0.25	5967	5982	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
28-Jun-10	14:10	14:55	0.75	5982	6062	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
28-Jun-10	14:55	15:00	0.08	6062	6062	Survey & Conn.	Survey & Conn.
28-Jun-10	15:00	15:15	0.25	6062	6077	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
28-Jun-10	15:15	16:00	0.75	6077	6158	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
28-Jun-10	16:00	16:20	0.33	6158	6158	Rig Service-Inhole	Rig Service-Inhole
28-Jun-10	16:20	16:25	0.08	6158	6158	Survey & Conn.	Survey & Conn.
28-Jun-10	16:25	17:10	0.75	6158	6253	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
28-Jun-10	17:10	17:15	0.08	6253	6253	Survey & Conn.	Survey & Conn.
28-Jun-10	17:15	18:00	0.75	6253	6348	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
28-Jun-10	18:00	18:10	0.17	6348	6348	Survey & Conn.	Survey & Conn.
28-Jun-10	18:10	18:20	0.17	6348	6371	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
28-Jun-10	18:20	18:45	0.42	6371	6385	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
28-Jun-10	18:45	19:10	0.42	6385	6444	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
28-Jun-10	19:10	19:15	0.08	6444	6444	Survey & Conn.	Survey & Conn.
28-Jun-10	19:15	19:55	0.67	6444	6539	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
28-Jun-10	19:55	20:00	0.08	6539	6539	Survey & Conn.	Survey & Conn.
28-Jun-10	20:00	21:00	1.00	6539	6635	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
28-Jun-10	21:00	21:10	0.17	6635	6635	Survey & Conn.	Survey & Conn.
28-Jun-10	21:10	22:10	1.00	6635	6730	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
28-Jun-10	22:10	22:15	0.08	6730	6730	Survey & Conn.	Survey & Conn.
28-Jun-10	22:15	22:55	0.67	6730	6825	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
28-Jun-10	22:55	23:00	0.08	6825	6825	Survey & Conn.	Survey & Conn.
28-Jun-10	23:00	23:50	0.83	6825	6850	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
28-Jun-10	23:50	24:00	0.17	6850	6858	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)



<b>SDI Job #:</b>	20100607	<b>Report Time:</b>	2400	4 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>Sec-Twn-Rng:</b>		
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		
<b>WELL NAME:</b>	MDP 2 Pad, GGU FED 11A-33-691			

From Tuesday, June 29, 2010 at 0000 to Tuesday, June 29, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	6858.00	Rotary Hours	6.33	WOB	25	Pick UP	250	Slack Off	170	SPM	
End Depth	7665.00	Circulating Hours	2.75	RAB	190	SPP	3000	FlowRate	476 - 515	130	
Total Drilled:	807.00	Avg. Total ROP:	88.84	<b>Mud Data</b>							
Total Rotary Drilled:	712.00	Avg. Rotary ROP:	112.42	Type				PV	21	SOLID	10
Total Drilled Sliding:	95.00	Avg. Slide ROP:	34.55	Weight	10.4	GAS	0	YP	19	BHT°	0
Slide Hours:	2.75	Percent Rotary:	88.23	Viscosity	45	SAND	0.75	PH	9	Flow T°	0
Below Rotary Hrs.	24.00	Percent Slide:	11.77	Chlorides	1100	WL	5.6			Oil %	0

PERSONNEL				Casing			BHA				
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth	BHA # 3:MDi519 2x18 3x16, 6.5 Mtr ,7/8 3.3 .16 rev, 6.5" UBHO , 6.5" Monel, 6.5" Gap Sub, 6.5" Monel, 42 Jts. HWDP,				
Second Directional :	Allan Rieser			20	0	0					
MWD Operator1	James Hope										
MWD Operator2											
Directional Company:	Sharewell Energy Services										
Geologist:				Signature:							
Company Man:	Cecil Crow										
Incl. In:	2.1	Azm. In:	277.4	Incl. Out:	1.8	Azm. Out:	197.2				

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
29-Jun-10	00:00	00:35	0.58	6858	6921	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
29-Jun-10	00:35	00:40	0.08	6921	6921	Survey & Conn.	Survey & Conn.
29-Jun-10	00:40	01:30	0.83	6921	6936	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
29-Jun-10	01:30	02:20	0.83	6936	7015	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
29-Jun-10	02:20	02:25	0.08	7015	7015	Survey & Conn.	Survey & Conn.
29-Jun-10	02:25	03:25	1.00	7015	7040	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
29-Jun-10	03:25	04:00	0.58	7040	7079	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
29-Jun-10	04:00	04:40	0.67	7079	7079	Circulating	Circulating
29-Jun-10	04:40	07:45	3.08	7079	7079	POOH	POOH
29-Jun-10	07:45	08:20	0.58	7079	7079	Change BHA	Change BHA
29-Jun-10	08:20	11:35	3.25	7079	7079	TIH	TIH
29-Jun-10	11:35	11:45	0.17	7079	7079	Reaming	Ream to Btm
29-Jun-10	11:45	12:15	0.50	7079	7111	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
29-Jun-10	12:15	12:20	0.08	7111	7111	Survey & Conn.	Survey & Conn.
29-Jun-10	12:20	12:50	0.50	7111	7146	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
29-Jun-10	12:50	13:00	0.17	7146	7156	Drilling	Drilling - (WOB:20;GPM :476;RPM:47)
29-Jun-10	13:00	13:10	0.17	7156	7166	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
29-Jun-10	13:10	13:30	0.33	7166	7206	Drilling	Drilling - (WOB:25;GPM :515;RPM:49)
29-Jun-10	13:30	13:35	0.08	7206	7206	Survey & Conn.	Survey & Conn.
29-Jun-10	13:35	13:50	0.25	7206	7216	Sliding	Sliding - (WOB:20;GPM :476;TFO:0)
29-Jun-10	13:50	14:20	0.50	7216	7301	Drilling	Drilling - (WOB:25;GPM :515;RPM:49)
29-Jun-10	14:20	14:25	0.08	7301	7301	Survey & Conn.	Survey & Conn.
29-Jun-10	14:25	14:55	0.50	7301	7397	Drilling	Drilling - (WOB:25;GPM :515;RPM:49)
29-Jun-10	14:55	15:00	0.08	7397	7397	Survey & Conn.	Survey & Conn.
29-Jun-10	15:00	15:45	0.75	7397	7497	Drilling	Drilling - (WOB:25;GPM :515;RPM:49)
29-Jun-10	15:45	16:35	0.83	7497	7497	Rig Service-Inhole	Rig Service-Inhole
29-Jun-10	16:35	16:40	0.08	7497	7497	Survey & Conn.	Survey & Conn.
29-Jun-10	16:40	17:35	0.92	7497	7588	Drilling	Drilling - (WOB:25;GPM :515;RPM:49)
29-Jun-10	17:35	17:40	0.08	7588	7588	Survey & Conn.	Survey & Conn.
29-Jun-10	17:40	18:15	0.58	7588	7588	Circulating	Build Vol. & Condition Mud
29-Jun-10	18:15	18:45	0.50	7588	7588	POOH	POOH
29-Jun-10	18:45	22:25	3.67	7588	7588	Other	Build volume & condition mud
29-Jun-10	22:25	22:50	0.42	7588	7588	TIH	TIH
29-Jun-10	22:50	23:30	0.67	7588	7665	Drilling	Drilling - (WOB:25;GPM :515;RPM:49)
29-Jun-10	23:30	23:35	0.08	7665	7665	MWD Survey	MWD Survey @ TD
29-Jun-10	23:35	24:00	0.42	7665	7665	Circulating	Circulating



<b>SDI Job #:</b>	20100607	<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>Sec-Twn-Rng:</b>		
<b>COUNTY:</b>	Garfield	<b>AFE# &amp; District</b>		
<b>WELL NAME:</b>	MDP 2 Pad, GGU FED 11A-33-691			

From Wednesday, June 30, 2010 at 0000 to Wednesday, June 30, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters										
Start Depth	0.00	Rotary Hours	0.00	WOB	25	Pick UP	250	Slack Off	170	SPM				
End Depth	0.00	Circulating Hours	1.50	RAB	190	SPP	3000	FlowRate	515 - 515	130				
Total Drilled:	0.00	Avg. Total ROP:	NA	<b>Mud Data</b>										
Total Rotary Drilled:	0.00	Avg. Rotary ROP:	NA	Type		PV	21	SOLID	10					
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	10.4	GAS	0	YP	19	BHT°	0			
Slide Hours:	0.00	Percent Rotary:	NA	Viscosity	45	SAND	0.75	PH	9	Flow T°	0			
Below Rotary Hrs.	5.75	Percent Slide:	NA	Chlorides	1100	WL	5.6			Oil %	0			
PERSONNEL				Casing			BHA							
Lead Directional :	Stan Simms			Size	Lb/ft	Set Depth	BHA # 3:MDi519 2x18 3x16, 6.5 Mtr ,7/8 3.3 .16 rev, 6.5" UBHO , 6.5" Monel, 6.5" Gap Sub, 6.5" Monel, 42 Jts. HWDP,							
Second Directional :	Allan Rieser			20	0	0								
MWD Operator1	James Hope													
MWD Operator2														
Directional Company:	Sharewell Energy Services													
Geologist:														
Company Man:	Cecil Crow			Signature:										
Incl. In:	1.8	Azm. In:	197.2	Incl. Out:	1.8	Azm. Out:	197.2							

**GENERAL COMMENT**

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
30-Jun-10	00:00	01:30	1.50	7665	7665	Circulating	Circulating
30-Jun-10	01:30	05:00	3.50	7665	7665	POOH	POOH
30-Jun-10	05:00	05:45	0.75	7665	7665	Other	L/D Directional Tools

# Well Information

**BHA #** 1



**SDI Job #:** 20100607  
**COMPANY:** BILL BARRETT CORP  
**LOCATION:** Silt  
**RIG NAME:** Patterson 307  
**STATE:** Colorado  
**COUNTY:** Garfield  
**WELL NAME:** MDP 2 Pad, GGU FED 11A-33-691

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

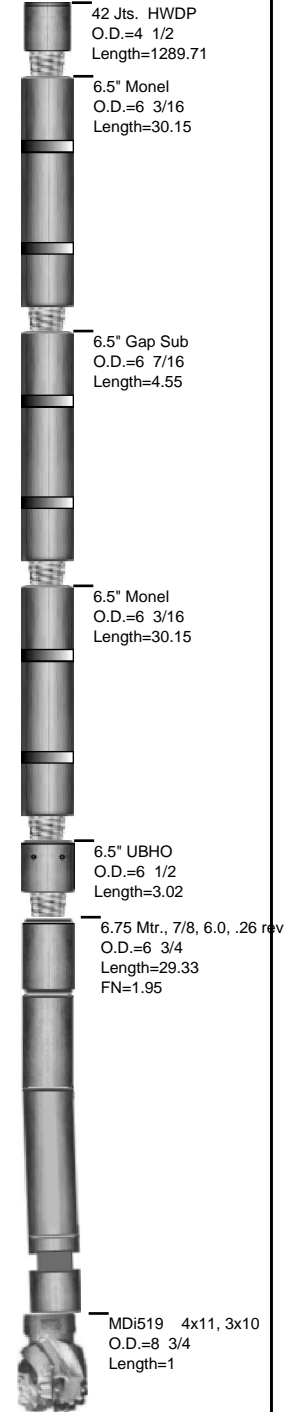
## BHA Summary Information

<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	23.83	<b>Start Depth</b>	825.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	33.75 / 1.25	<b>End Depth</b>	5185.00	<b>Range</b>	
26-Jun-10 @ 06:45	28-Jun-10 @ 02:30	<b>Slide Hours</b>	8.67	<b>Percent Rotary:</b>	86.58	44 -49	329
		<b>Below Rotary Hrs.</b>	43.50	<b>Percent Slide:</b>	13.42		-575
<b>Total Drilled:</b>		4360.00	<b>Avg. Total ROP:</b>	134.15	<b>Incl.</b>	<b>Azimuth</b>	
<b>Total Rotary Drilled:</b>		3775.00	<b>Avg. Rotary ROP:</b>	158.39	<b>IN</b>	<b>OUT</b>	<b>IN</b> <b>OUT</b>
<b>Total Drilled Sliding:</b>		585.00	<b>Avg. Slide ROP:</b>	67.50	.4	12.7	251.39 146.36
<b>SPP</b>	800 -2900	<b>Weights</b>	<b>SO</b> 0-110	<b>PU</b> 0-125	<b>RAB</b> 0-115	<b>Reason POOH</b>	

Bit Data				Motor Data				Mud Data				
SMITH	MDi519 4x11, 3x10			6.75 Mtr., 7/8, 6.0, .26 rev				Type				
<b>Type Bit</b>		PDC		Model: 675	Pad OD			WT 9.7	GAS 0	Solids 8		
TFA	0.601			MFG. Hunting	6 15/16			Vis 40	SAND 0.01	T ° 0		
<b>JETS</b>		11	11	Bend ° 1.5	Stator/Rotor 7/8			PV 15	PH 9	Chlor 1300		
		10	10	Bit to Bend 6.13	Motor Diff 425			YP 6	WL 5.6	Oil % 0		
<b>Bit Coding</b>		IADC#		Rev/GAL 0.26				<b>BHT°</b>		0		
IR	OR	DL	Loc	NB Stab 0				<b>Pumps</b>				
				Rotor Jet 0				<b>PUMP1</b>		<b>PUMP1</b>		
0	0			<b>Sensor Offsets</b>				National		National		
<b>Bit Drop:</b>		818 PSI @ 575 GPM		<b>Liner</b>		6.00		6.00				
<b>Comments</b>		Sensor 47	Sonic 0	<b>Stroke</b>		12.00		12.00				
		Gamma 0	DNCS 830	<b>Efficiency</b>		91.00		91.00				
		Restiv 0	GYRO 0									

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	MDi519 4x11, 3x10	JD4942		8 3/4	1.00	1.00	4 1/2 REGP
2	6.75 Mtr., 7/8, 6.0, .26 rev	2189		6 3/4	29.33	30.33	4 1/2 XHB
3	6.5" UBHO	UB-65-111	2 7/8	6 1/2	3.02	33.35	4 1/2 XHB
4	6.5" Monel	AWS-650-300-27	3 1/4	6 3/16	30.15	63.50	4 1/2 XHB
5	6.5" Gap Sub	G-65-013-SW	3 1/4	6 7/16	4.55	68.05	4 1/2 XHB
6	6.5" Monel	AWS-650-30-032	3 1/4	6 3/16	30.15	98.20	4 1/2 XHB
7	42 Jts. HWDP	Rig	2 7/8	4 1/2	1,289.71	1387.91	4 1/2 XHB



# Well Information

**BHA #** 2



**SDI Job #:** 20100607  
**COMPANY:** BILL BARRETT CORP  
**LOCATION:** Silt  
**RIG NAME:** Patterson 307  
**STATE:** Colorado  
**COUNTY:** Garfield  
**WELL NAME:** MDP 2 Pad, GGU FED 11A-33-691

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

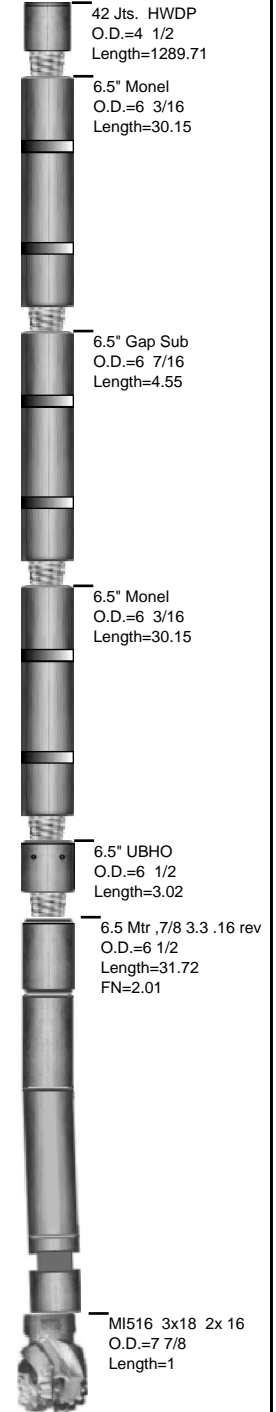
## BHA Summary Information

<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	14.58	<b>Start Depth</b>	5185.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	21.25 / 1.00	<b>End Depth</b>	7079.00	<b>Range</b>	
28-Jun-10 @ 02:30	29-Jun-10 @ 08:20	<b>Slide Hours</b>	5.67	<b>Percent Rotary:</b>	87.75	47 -48	476 -476
		<b>Below Rotary Hrs.</b>	29.83	<b>Percent Slide:</b>	12.25		
<b>Total Drilled:</b>		1894.00	<b>Avg. Total ROP:</b>	93.53	<b>Incl.</b>	<b>Azimuth</b>	
<b>Total Rotary Drilled:</b>		1662.00	<b>Avg. Rotary ROP:</b>	113.97	<b>IN</b>	<b>OUT</b>	<b>IN</b> <b>OUT</b>
<b>Total Drilled Sliding:</b>		232.00	<b>Avg. Slide ROP:</b>	40.94	6.3	12.7	153.31 146.36
<b>SPP</b>	2650 -2800	<b>Weights</b>	<b>SO</b> 110 -110	<b>PU</b> 125 -125	<b>RAB</b> 115 -115	<b>Reason POOH</b>	

Bit Data				Motor Data				Mud Data					
OTHER	MI516 3x18 2x 16			6.5 Mtr 7/8 Lobe 3.3 stage .16 Rev				Type					
<b>Type Bit</b>		PDC		Model: 675		Pad OD		WT 9.7		GAS 0 Solids 8			
TFA		1.138		MFG. Hunting		6 5/8		Vis 40		SAND 0.01 T ° 0			
<b>JETS</b>		18	18	18	16	16	Bend ° 1.83		Stator/Rotor 7/8		PV 15 PH 9 Chlor 1300		
		0	0	0	0	0	Bit to Bend 6.2		Motor Diff 350		YP 6 WL 5.6 Oil % 0		
<b>Bit Coding</b>		IADC#		Rev/GAL 0.16				<b>BHT°</b>		0			
<b>IR</b>	<b>OR</b>	<b>DL</b>	<b>Loc</b>	<b>BS</b>	<b>G</b>	<b>ODL</b>	<b>Pumps</b>		<b>PUMP1</b>		<b>PUMP1</b>		
0	0						NB Stab 0		National		National		
<b>Bit Drop:</b>		156 PSI @ 476 GPM		Sensor Offsets				<b>NAME</b>		1600		1600	
								<b>Model</b>		6.00		6.00	
								<b>Type</b>		12.00		12.00	
								<b>Liner</b>		91.00		91.00	
<b>Comments</b>		<b>Sensor</b>	49	<b>Sonic</b>	0			<b>Stroke</b>		6.00		6.00	
		<b>Gamma</b>	0	<b>DNCS</b>	5185			<b>Efficiency</b>		12.00		12.00	
		<b>Restiv</b>	0	<b>GYRO</b>	0					91.00		91.00	

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	MI516 3x18 2x 16	JD6383		7 7/8	1.00	1.00	4 1/2 REGP
2	6.5 Mtr ,7/8 3.3 .16 rev	6100		6 1/2	31.72	32.72	4 1/2 XHB
3	6.5" UBHO	UB-65-111	2 7/8	6 1/2	3.02	35.74	4 1/2 XHB
4	6.5" Monel	AWS-650-300-27	3 1/4	6 3/16	30.15	65.89	4 1/2 XHB
5	6.5" Gap Sub	G-65-013-SW	3 1/4	6 7/16	4.55	70.44	4 1/2 XHB
6	6.5" Monel	AWS-650-30-032	3 1/4	6 3/16	30.15	100.59	4 1/2 XHB
7	42 Jts. HWDP	Rig	2 7/8	4 1/2	1,289.71	1390.30	4 1/2 XHB



# Well Information

**BHA # 3**



SDI Job #: 20100607  
 COMPANY: BILL BARRETT CORP  
 LOCATION: Silt  
 RIG NAME: Patterson 307  
 STATE: Colorado  
 COUNTY: Garfield  
 WELL NAME: MDP 2 Pad, GGU FED 11A-33-691

FIELD: Mamm Creek  
 Sec-Twn-Rng:  
 PO #/ DISTRICT  
 Lead DD: Stan Simms  
 Co. Man: Cecil Crow  
 BHA TYPE: Steerable Assembly

## BHA Summary Information

<b>TIME IN - OUT</b>		<b>Rotary Hours</b>	4.33	<b>Start Depth</b>	7079.00	<b>RPM</b>	<b>Flow Rate</b>
<b>Start Time</b>	<b>End Time</b>	<b>Circ Hrs Tot/Only</b>	8.83 / 3.58	<b>End Depth</b>	7665.00	<b>Range</b>	
29-Jun-10 @ 08:20	30-Jun-10 @ 05:45	<b>Slide Hours</b>	.92	<b>Percent Rotary:</b>	90.61	47 -49	476 -515
		<b>Below Rotary Hrs.</b>	21.42	<b>Percent Slide:</b>	9.39		
<b>Total Drilled:</b>		586.00	<b>Avg. Total ROP:</b>	111.62	<b>Incl.</b>	<b>Azimuth</b>	
<b>Total Rotary Drilled:</b>		531.00	<b>Avg. Rotary ROP:</b>	122.54	<b>IN</b>	<b>OUT</b>	<b>IN</b> <b>OUT</b>
<b>Total Drilled Sliding:</b>		55.00	<b>Avg. Slide ROP:</b>	60.00	1.9	1.8	10.84    197.20
<b>SPP</b>	2800 -3000	<b>Weights</b>	<b>SO</b> 110 -170	<b>PU</b> 125 -250	<b>RAB</b> 115 -190	<b>Reason POOH</b>	

Bit Data				Motor Data				Mud Data			
SMITH MDi519 2x18 3x16				6.5 Mtr 7/8 Lobe 3.3 stage .16 Rev				Type			
<b>Type Bit</b>				Model: 675    Pad OD				WT 10.4    GAS 0    Solids 10			
TFA 1.086    PDC				MFG. Hunting    6 5/8				Vis 45    SAND 0.75    T ° 0			
<b>JETS</b>				Bend ° 1.83    Stator/Rotor 7/8				PV 21    PH 9    Chlor 1100			
18 18 16 16 16				Bit to Bend 6.2    Motor Diff 350				YP 19    WL 5.6    Oil % 0			
0 0 0 0 0				Rev/GAL 0.16				<b>BHT°</b> 0			
<b>Bit Coding</b>				IADC#							
<b>IR</b>	<b>OR</b>	<b>DL</b>	<b>Loc</b>	<b>BS</b>	<b>G</b>	<b>ODL</b>	<b>Pumps</b>		<b>PUMP1</b>	<b>PUMP1</b>	
0	0						National		National	National	
<b>Bit Drop:</b> 215 PSI @ 515 GPM				Sensor Offsets				NAME		1600	1600
								Model			
								Type			
								Liner		6.00	6.00
<b>Comments</b>				Sensor 49    Sonic 0				Stroke		12.00	12.00
				Gamma 0    DNSC 7079				Efficiency		91.00	91.00
				Restiv 0    GYRO 0							

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	MDi519 2x18 3x16	JD5692		7 7/8	1.00	1.00	4 1/2 REGP
2	6.5 Mtr ,7/8 3.3 .16 rev	6100		6 1/2	31.72	32.72	4 1/2 XHB
3	6.5" UBHO	UB-65-111	2 7/8	6 1/2	3.02	35.74	4 1/2 XHB
4	6.5" Monel	AWS-650-300-27	3 1/4	6 3/16	30.15	65.89	4 1/2 XHB
5	6.5" Gap Sub	G-65-013-SW	3 1/4	6 7/16	4.55	70.44	4 1/2 XHB
6	6.5" Monel	AWS-650-30-032	3 1/4	6 3/16	30.15	100.59	4 1/2 XHB
7	42 Jts. HWDP	Rig	2 7/8	4 1/2	1,289.71	1390.30	4 1/2 XHB

