



**Bill Barrett Corporation**

Well Name and Number:

**Jolley Fed 11C-20-691**

Patterson 301  
Garfield County, Colorado

Directional Services Provided By:

**Sharewell Energy Services, LP**





March 22, 2010

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

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

Well Reference: **Jolley Fed 11C-20-691**  
**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 12 Pad

Jolley Fed 11C-20-691

Wellbore #1

Survey: Surveys

## **Standard Survey Report**

22 March, 2010



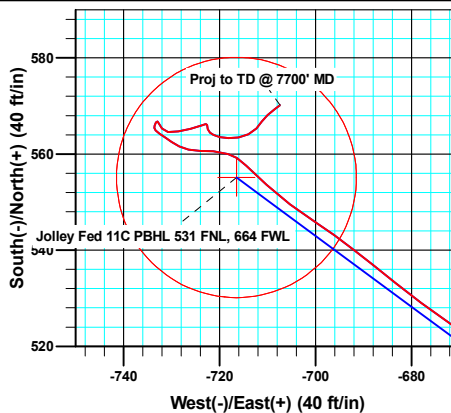
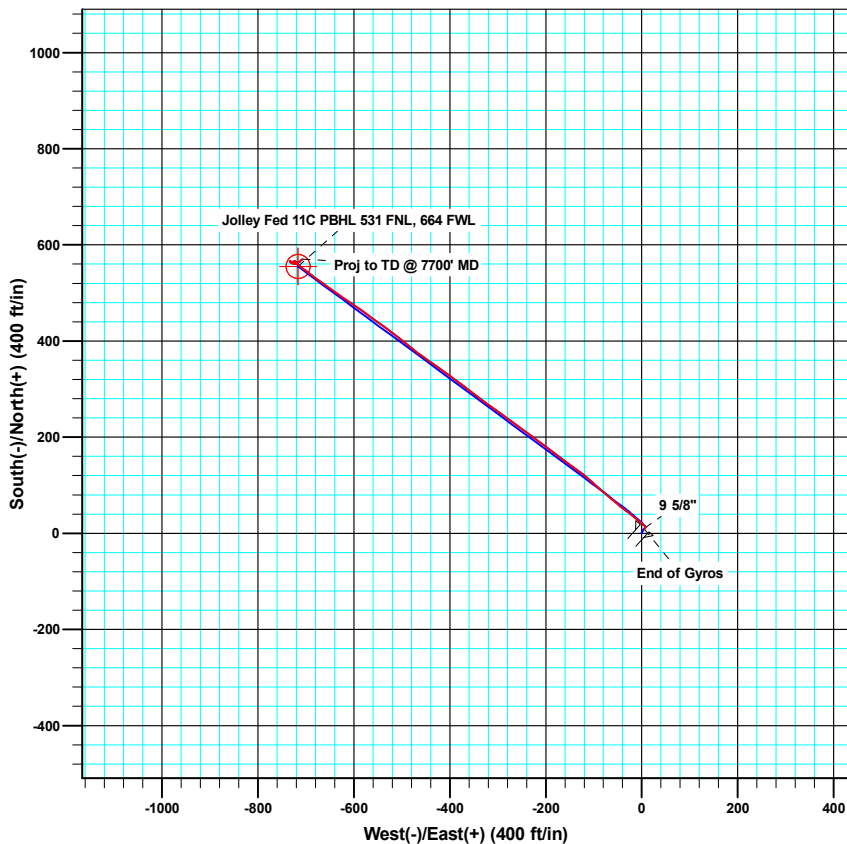
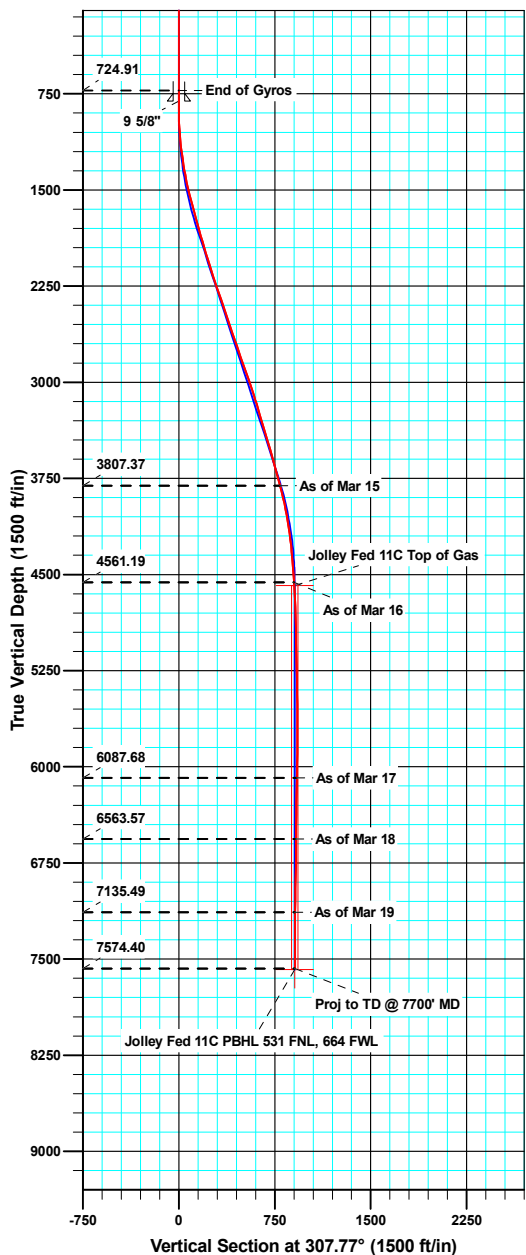


# WELL DETAILS: Jolley Fed 11C-20-691

Ground Level: 6321.00

North American Datum 1983 , US State Plane 1983 , Colorado Central Zone  
 +N/-S +E/-W Northing Easting Latitude Longitude  
 0.00 0.00 1620095.56 2412462.90 39.517451 -107.582802

MDP 12 Pad



Azimuths to True North  
 Magnetic North: 10.32°

Magnetic Field  
 Strength: 52482.2snT  
 Dip Angle: 65.88°  
 Date: 2010/01/20  
 Model: IGRF200510

## ANNOTATIONS

TVD	MD	Inc	Azi	+N/-S	+E/-W	V/Sect	Departure	Annotation
3807.37	3923.00	14.90	304.90	490.27	-622.41	792.29	796.26	As of Mar 15
4561.19	4686.00	3.70	311.30	553.60	-710.14	900.43	904.52	As of Mar 16
6087.68	6213.00	1.10	97.60	564.62	-730.68	923.41	937.33	As of Mar 17
6563.57	6689.00	0.60	156.00	565.18	-722.41	917.21	947.06	As of Mar 18
7135.49	7261.00	1.40	63.10	564.11	-713.92	909.85	956.37	As of Mar 19
7574.40	7700.00	1.30	55.80	570.17	-707.36	908.37	965.42	Proj to TD @ 7700' MD



<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Jolley Fed 11C-20-691
<b>Project:</b>	Garfield County, Colorado	<b>TVD Reference:</b>	KB @ 6343.00ft
<b>Site:</b>	MDP 12 Pad	<b>MD Reference:</b>	KB @ 6343.00ft
<b>Well:</b>	Jolley Fed 11C-20-691	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	SWFS01

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

Site		MDP 12 Pad			
Site Position:		Northing:	1,620,096.32 usft	Latitude:	39.517451
From:	Lat/Long	Easting:	2,412,431.32 usft	Longitude:	-107.582914
Position Uncertainty:	0.00 ft	Slot Radius:	0.00 ft	Grid Convergence:	-1.31 °

Well		Jolley Fed 11C-20-691				
Well Position	+N/-S	0.00 ft	Northing:	1,620,095.56 usft	Latitude:	39.517451
	+E/-W	0.00 ft	Easting:	2,412,462.91 usft	Longitude:	-107.582802
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	6,321.00 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	2010/01/20	10.32	65.88	52,482

<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	307.77	

<b>Survey Program</b>	<b>Date</b>	2010/03/22			
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>	
50.00	725.00	Gyro Surveys (Wellbore #1)	MWD	MWD - Standard	
875.00	7,700.00	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>	
725.00	1.00	41.94	724.91	9.39	5.01	1.79	0.00	0.00	0.00	
808.00	1.39	41.64	807.89	10.68	6.16	1.67	0.47	0.47	-0.36	
<b>9 5/8"</b>										
875.00	1.70	41.50	874.87	12.03	7.36	1.55	0.47	0.47	-0.21	
966.00	1.90	319.10	965.84	14.18	7.27	2.95	2.61	0.22	-90.55	
1,067.00	4.50	309.00	1,066.67	17.94	3.09	8.55	2.62	2.57	-10.00	
1,162.00	6.80	311.40	1,161.20	24.01	-4.03	17.89	2.43	2.42	2.53	
1,257.00	8.20	309.00	1,255.39	31.99	-13.51	30.28	1.51	1.47	-2.53	
1,351.00	9.70	308.30	1,348.24	41.12	-24.94	44.90	1.60	1.60	-0.74	
1,446.00	12.10	306.90	1,441.52	52.06	-39.18	62.86	2.54	2.53	-1.47	

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Jolley Fed 11C-20-691
<b>Project:</b>	Garfield County, Colorado	<b>TVD Reference:</b>	KB @ 6343.00ft
<b>Site:</b>	MDP 12 Pad	<b>MD Reference:</b>	KB @ 6343.00ft
<b>Well:</b>	Jolley Fed 11C-20-691	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	SWFS01

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,542.00	14.20	309.70	1,535.00	65.62	-56.29	84.69	2.29	2.19	2.92
1,637.00	14.70	310.60	1,626.99	80.91	-74.41	108.37	0.58	0.53	0.95
1,732.00	15.20	310.60	1,718.78	96.86	-93.01	132.85	0.53	0.53	0.00
1,828.00	15.60	311.40	1,811.33	113.59	-112.25	158.30	0.47	0.42	0.83
1,923.00	16.80	307.00	1,902.56	130.30	-132.80	184.78	1.81	1.26	-4.63
2,018.00	16.70	306.20	1,993.53	146.62	-154.78	212.15	0.26	-0.11	-0.84
2,113.00	17.80	306.70	2,084.26	163.36	-177.44	240.32	1.17	1.16	0.53
2,208.00	18.30	306.60	2,174.58	180.93	-201.05	269.75	0.53	0.53	-0.11
2,303.00	18.50	306.10	2,264.72	198.71	-225.21	299.72	0.27	0.21	-0.53
2,399.00	18.70	306.20	2,355.71	216.77	-249.93	330.33	0.21	0.21	0.10
2,494.00	18.80	306.00	2,445.67	234.76	-274.60	360.86	0.13	0.11	-0.21
2,589.00	18.90	306.20	2,535.57	252.84	-299.40	391.54	0.13	0.11	0.21
2,684.00	18.90	305.90	2,625.45	270.95	-324.28	422.30	0.10	0.00	-0.32
2,779.00	19.00	306.80	2,715.30	289.24	-349.13	453.14	0.33	0.11	0.95
2,875.00	19.50	307.80	2,805.94	308.42	-374.30	484.78	0.62	0.52	1.04
2,970.00	19.60	305.50	2,895.46	327.39	-399.80	516.56	0.82	0.11	-2.42
3,066.00	19.20	305.60	2,986.01	345.93	-425.75	548.42	0.42	-0.42	0.10
3,161.00	18.30	304.40	3,075.97	363.45	-450.76	578.92	1.03	-0.95	-1.26
3,257.00	16.50	308.30	3,167.57	380.42	-473.89	607.61	2.23	-1.88	4.06
3,352.00	16.60	309.40	3,258.64	397.39	-494.97	634.66	0.35	0.11	1.16
3,446.00	16.80	307.80	3,348.67	414.24	-516.08	661.67	0.53	0.21	-1.70
3,541.00	16.50	304.60	3,439.69	430.32	-538.03	688.87	1.02	-0.32	-3.37
3,637.00	16.30	307.10	3,531.79	446.19	-560.00	715.95	0.76	-0.21	2.60
3,732.00	16.00	305.50	3,623.04	461.83	-581.29	742.36	0.56	-0.32	-1.68
3,828.00	14.90	304.10	3,715.57	476.43	-602.28	767.90	1.21	-1.15	-1.46
3,923.00	14.90	304.90	3,807.37	490.27	-622.41	792.29	0.22	0.00	0.84
4,018.00	13.00	305.00	3,899.57	503.39	-641.18	815.16	2.00	-2.00	0.11
4,114.00	11.30	304.60	3,993.41	514.92	-657.77	835.34	1.77	-1.77	-0.42
4,209.00	9.50	304.80	4,086.85	524.68	-671.87	852.46	1.90	-1.89	0.21
4,304.00	7.70	309.00	4,180.78	533.16	-683.26	866.66	2.01	-1.89	4.42
4,400.00	6.10	307.50	4,276.08	540.32	-692.30	878.19	1.68	-1.67	-1.56
4,495.00	4.60	303.30	4,370.66	545.48	-699.49	887.03	1.63	-1.58	-4.42
4,591.00	3.90	307.80	4,466.40	549.59	-705.29	894.14	0.81	-0.73	4.69
4,686.00	3.70	311.30	4,561.19	553.60	-710.14	900.43	0.32	-0.21	3.68
4,782.00	3.30	314.80	4,657.01	557.59	-714.43	906.26	0.47	-0.42	3.65
4,877.00	2.20	286.10	4,751.91	560.02	-718.12	910.67	1.82	-1.16	-30.21
4,973.00	1.70	272.40	4,847.85	560.59	-721.32	913.54	0.71	-0.52	-14.27
5,068.00	1.60	272.00	4,942.81	560.70	-724.05	915.77	0.11	-0.11	-0.42
5,163.00	1.30	279.90	5,037.78	560.93	-726.44	917.80	0.38	-0.32	8.32
5,259.00	1.20	298.10	5,133.76	561.59	-728.40	919.75	0.42	-0.10	18.96
5,354.00	1.00	305.30	5,228.74	562.54	-729.95	921.56	0.26	-0.21	7.58
5,450.00	1.00	302.40	5,324.73	563.47	-731.34	923.23	0.05	0.00	-3.02
5,545.00	0.70	304.30	5,419.72	564.24	-732.52	924.64	0.32	-0.32	2.00

<b>Company:</b>	Bill Barrett Corp.	<b>Local Co-ordinate Reference:</b>	Well Jolley Fed 11C-20-691
<b>Project:</b>	Garfield County, Colorado	<b>TVD Reference:</b>	KB @ 6343.00ft
<b>Site:</b>	MDP 12 Pad	<b>MD Reference:</b>	KB @ 6343.00ft
<b>Well:</b>	Jolley Fed 11C-20-691	<b>North Reference:</b>	True
<b>Wellbore:</b>	Wellbore #1	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Design:</b>	Wellbore #1	<b>Database:</b>	SWFS01

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,641.00	0.50	319.10	5,515.71	564.89	-733.28	925.63	0.26	-0.21	15.42
5,736.00	0.30	350.60	5,610.71	565.45	-733.59	926.22	0.31	-0.21	33.16
5,832.00	0.30	19.10	5,706.71	565.93	-733.55	926.48	0.15	0.00	29.69
5,927.00	0.60	31.60	5,801.70	566.59	-733.21	926.62	0.33	0.32	13.16
6,023.00	0.80	153.60	5,897.70	566.42	-732.65	926.07	1.28	0.21	127.08
6,118.00	0.80	144.60	5,992.69	565.29	-731.97	924.84	0.13	0.00	-9.47
6,213.00	1.10	97.60	6,087.68	564.62	-730.68	923.41	0.85	0.32	-49.47
6,309.00	1.50	80.50	6,183.65	564.71	-728.53	921.76	0.58	0.42	-17.81
6,404.00	1.60	75.10	6,278.62	565.26	-726.02	920.12	0.19	0.11	-5.68
6,499.00	1.40	68.20	6,373.59	566.03	-723.66	918.72	0.28	-0.21	-7.26
6,594.00	0.50	181.90	6,468.58	566.04	-722.60	917.89	1.75	-0.95	119.68
6,689.00	0.60	156.00	6,563.57	565.18	-722.41	917.21	0.28	0.11	-27.26
6,784.00	0.40	137.00	6,658.57	564.48	-721.98	916.45	0.27	-0.21	-20.00
6,880.00	0.70	113.10	6,754.57	564.00	-721.21	915.55	0.39	0.31	-24.90
6,975.00	1.00	108.60	6,849.56	563.51	-719.89	914.20	0.32	0.32	-4.74
7,071.00	1.20	86.40	6,945.54	563.31	-718.10	912.66	0.49	0.21	-23.13
7,166.00	1.30	84.20	7,040.52	563.48	-716.03	911.13	0.12	0.11	-2.32
7,261.00	1.40	63.10	7,135.49	564.11	-713.92	909.85	0.53	0.11	-22.21
7,357.00	1.10	39.50	7,231.47	565.35	-712.29	909.32	0.61	-0.31	-24.58
7,452.00	1.10	38.10	7,326.45	566.78	-711.15	909.29	0.03	0.00	-1.47
7,547.00	1.10	43.30	7,421.43	568.16	-709.96	909.20	0.11	0.00	5.47
7,643.00	1.30	55.80	7,517.41	569.44	-708.43	908.77	0.34	0.21	13.02
7,700.00	1.30	55.80	7,574.40	570.17	-707.36	908.37	0.00	0.00	0.00

Casing Points				
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (ft)	Hole Diameter (ft)
808.00	807.89	9 5/8"	0.80	1.02

Survey Annotations				
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
3,923.00	3,807.37	490.27	-622.41	As of Mar 15
4,686.00	4,561.19	553.60	-710.14	As of Mar 16
6,213.00	6,087.68	564.62	-730.68	As of Mar 17
6,689.00	6,563.57	565.18	-722.41	As of Mar 18
7,261.00	7,135.49	564.11	-713.92	As of Mar 19
7,700.00	7,574.40	570.17	-707.36	Proj to TD @ 7700' MD

Checked By: _____	Approved By: _____	Date: _____
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<b>JOB NO.:</b>	20100305	<b>Report Time:</b>	2400	1 of 6
<b>Company:</b>	Bill Barrett Corp.	<b>API JOB #</b>	05-045-18	
<b>LOCATION:</b>	Jolley 12 MDP	<b>WORK ORDER#</b>	15742D	
<b>RIG NAME:</b>	Patterson 301	<b>FIELD:</b>	MAMM CREEK/Mesaverde-Ro	
<b>STATE:</b>	Colorado	<b>Township:</b>	6S	
<b>COUNTY:</b>	Garfield County	<b>SECTRANGE:</b>	15750D	96W
<b>WELL NAME:</b>	Jolley Federal 11C-20-691			

From Sunday, March 14, 2010 at 0000 to Sunday, March 14, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	825.00	Rotary Hours	8.50	WOB	15	Pick UP	73	Slack Off	69	SPM	
End Depth	3400.00	Circulating Hours	0.48	RAB	71	SPP	2630	FlowRate	490 - 600	150	
Total Drilled:	2575.00	Avg. Total ROP:	263.20	Mud Data							
Total Rotary Drilled:	2458.00	Avg. Rotary ROP:	289.18	Type	LSND			PV	9	SOLID	3
Total Drilled Sliding:	117.00	Avg. Slide ROP:	91.17	Weight	8.75	GAS	0	YP	8	BHT°	0
Slide Hours:	1.28	Percent Rotary:	95.46	Viscosity	36	SAND	0.05	PH	9	Flow T°	67
Below Rotary Hrs.	18.92	Percent Slide:	4.54	Chlorides	1000	WL	8.2			Oil %	0
PERSONNEL				CASING				BHA			
Lead Directional :	Logan Evans			Size	Lb/ft	Set Depth		BHA # 1:FXD56M (5x15), Hemi 6.25, 7/8 4.8, 1.83 deg., UBHO, 6 1/4 NMDC, Gap Sub, 6 1/4 NMDC, 30 Jnts HWDP, 4 1/2 Drill Pipe,			
Second Directional :	Justin Calhoun			9 5/8	36	825					
MWD Operator1	Paul Loehr			Signature:							
MWD Operator2											
Directional Company:	Sharewell Energy L.P.										
Geologist:											
Company Man:	Doug Miller										
Incl. In:	0	Azm. In:	0	Incl. Out:	16.6	Azm. Out:	309.4				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Mar-10	00:00	05:00	5.00	825	825	Test BOPS	Test BOPS
14-Mar-10	05:00	08:30	3.50	825	825	Change BHA	Pick up New Motor, New NMDC's and Orient
14-Mar-10	08:30	09:15	0.75	825	825	TIH	TIH
14-Mar-10	09:15	09:40	0.42	825	825	Drilling Cement	Drill Float and Shoe
14-Mar-10	09:40	09:49	0.15	825	825	Survey & Conn.	Survey & Conn.
14-Mar-10	09:49	10:05	0.27	825	917	Drilling	Drilling
14-Mar-10	10:05	10:15	0.17	917	917	Survey & Conn.	Survey & Conn.
14-Mar-10	10:15	10:20	0.08	917	937	Sliding	Sliding
14-Mar-10	10:20	10:30	0.17	937	1009	Drilling	Drilling - (WOB:0;GPM :600;RPM:0)
14-Mar-10	10:30	10:35	0.08	1009	1009	Survey & Conn.	Survey & Conn.
14-Mar-10	10:35	10:43	0.13	1009	1024	Sliding	Sliding - (WOB:5;GPM :600;TFO:306)
14-Mar-10	10:43	11:01	0.30	1024	1109	Drilling	Drilling - (WOB:5;GPM :490;RPM:45)
14-Mar-10	11:01	11:08	0.12	1109	1109	Survey & Conn.	Survey & Conn.
14-Mar-10	11:08	11:14	0.10	1109	1119	Sliding	Sliding - (WOB:5;GPM :600;TFO:240)
14-Mar-10	11:14	11:29	0.25	1119	1205	Drilling	Drilling - (WOB:5;GPM :490;RPM:45)
14-Mar-10	11:29	11:33	0.07	1205	1205	Survey & Conn.	Survey & Conn.
14-Mar-10	11:33	11:37	0.07	1205	1213	Sliding	Sliding - (WOB:5;GPM :600;TFO:240)



Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Mar-10	11:37	11:53	0.27	1213	1300	Drilling	Drilling - (WOB:5;GPM :490;RPM:45)
14-Mar-10	11:53	11:58	0.08	1300	1300	Survey & Conn.	Survey & Conn.
14-Mar-10	11:58	12:02	0.07	1300	1308	Sliding	Sliding - (WOB:5;GPM :600;TFO:0)
14-Mar-10	12:02	12:18	0.27	1308	1394	Drilling	Drilling - (WOB:5;GPM :490;RPM:45)
14-Mar-10	12:18	12:23	0.08	1394	1394	Survey & Conn.	Survey & Conn.
14-Mar-10	12:23	12:29	0.10	1394	1404	Sliding	Sliding - (WOB:5;GPM :600;TFO:0)
14-Mar-10	12:29	12:47	0.30	1404	1489	Drilling	Drilling - (WOB:5;GPM :490;RPM:45)
14-Mar-10	12:47	12:54	0.12	1489	1489	Survey & Conn.	Drilling - (WOB:5;GPM :490;RPM:45)
14-Mar-10	12:54	12:58	0.07	1489	1499	Sliding	Drilling - (WOB:5;GPM :490;RPM:45)
14-Mar-10	12:58	13:14	0.27	1499	1584	Drilling	Drilling - (WOB:5;GPM :490;RPM:45)
14-Mar-10	13:14	13:22	0.13	1584	1584	Survey & Conn.	Survey & Conn.
14-Mar-10	13:22	13:44	0.37	1584	1679	Drilling	Survey & Conn.
14-Mar-10	13:44	13:54	0.17	1679	1679	Survey & Conn.	Survey & Conn.
14-Mar-10	13:54	14:15	0.35	1679	1775	Drilling	Drilling
14-Mar-10	14:15	15:25	1.17	1775	1775	Rig repair	Rig Repair
14-Mar-10	15:25	16:00	0.58	1775	1965	Drilling	Drilling
14-Mar-10	16:00	16:07	0.12	1965	1965	Survey & Conn.	Survey & Conn.
14-Mar-10	16:07	16:20	0.22	1965	2060	Drilling	Drilling
14-Mar-10	16:20	16:28	0.13	2060	2060	Survey & Conn.	Survey & Conn.
14-Mar-10	16:28	16:45	0.28	2060	2155	Drilling	Survey & Conn.
14-Mar-10	16:45	16:53	0.13	2155	2155	Survey & Conn.	Survey & Conn.
14-Mar-10	16:53	17:11	0.30	2155	2251	Drilling	Drilling
14-Mar-10	17:11	17:16	0.08	2251	2251	Survey & Conn.	Survey & Conn.
14-Mar-10	17:16	17:34	0.30	2251	2346	Drilling	Drilling
14-Mar-10	17:34	17:40	0.10	2346	2346	Survey & Conn.	Survey & Conn.
14-Mar-10	17:45	17:57	0.20	2346	2441	Drilling	Drilling - (WOB:5;GPM :490;RPM:45)
14-Mar-10	17:57	18:01	0.07	2441	2441	Survey & Conn.	Survey & Conn.
14-Mar-10	18:01	18:20	0.32	2441	2536	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
14-Mar-10	18:20	18:27	0.12	2536	2536	Survey & Conn.	Survey & Conn.
14-Mar-10	18:27	18:48	0.35	2536	2631	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
14-Mar-10	18:48	18:57	0.15	2631	2631	Survey & Conn.	Survey & Conn.
14-Mar-10	18:57	19:13	0.27	2631	2726	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
14-Mar-10	19:13	19:24	0.18	2726	2726	Survey & Conn.	Survey & Conn.
14-Mar-10	19:24	19:43	0.32	2726	2821	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
14-Mar-10	19:43	19:52	0.15	2821	2821	Survey & Conn.	Survey & Conn.
14-Mar-10	19:52	20:10	0.30	2821	2917	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
14-Mar-10	20:10	20:17	0.12	2917	2917	Survey & Conn.	Survey & Conn.
14-Mar-10	20:17	20:27	0.17	2917	2925	Sliding	Sliding - (WOB:5;GPM :600;TFO:0)
14-Mar-10	20:27	20:47	0.33	2925	3012	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
14-Mar-10	20:47	20:54	0.12	3012	3012	Survey & Conn.	Survey & Conn.
14-Mar-10	20:54	21:00	0.10	3012	3018	Sliding	Sliding - (WOB:15;GPM :600;TFO:-130)
14-Mar-10	21:00	21:18	0.30	3018	3108	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
14-Mar-10	21:18	21:25	0.12	3108	3108	Survey & Conn.	Survey & Conn.
14-Mar-10	21:25	21:34	0.15	3108	3118	Sliding	Sliding - (WOB:15;GPM :600;TFO:-130)
14-Mar-10	21:34	21:56	0.37	3118	3203	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
14-Mar-10	21:56	22:03	0.12	3203	3203	Survey & Conn.	Survey & Conn.
14-Mar-10	22:03	22:10	0.12	3203	3209	Sliding	Sliding - (WOB:15;GPM :600;TFO:180)
14-Mar-10	22:10	22:35	0.42	3209	3299	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
14-Mar-10	22:35	23:04	0.48	3299	3299	Reaming	Reaming tight hole F/3200 T/ 3250
14-Mar-10	23:04	23:17	0.22	3299	3299	Survey & Conn.	Survey & Conn.
14-Mar-10	23:17	23:43	0.43	3299	3394	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
14-Mar-10	23:43	23:52	0.15	3394	3394	Survey & Conn.	Survey & Conn.
14-Mar-10	23:52	24:00	0.13	3394	3400	Sliding	Sliding - (WOB:15;GPM :600;TFO:-165)



<b>JOB NO.:</b>	20100305	<b>Report Time:</b>	2400	2 of 6
<b>Company:</b>	Bill Barrett Corp.	<b>API JOB #</b>	05-045-18	
<b>LOCATION:</b>	Jolley 12 MDP	<b>WORK ORDER#</b>	15742D	
<b>RIG NAME:</b>	Patterson 301	<b>FIELD:</b>	MAMM CREEK/Mesaverde-Ro	
<b>STATE:</b>	Colorado	<b>Township:</b>	6S	
<b>COUNTY:</b>	Garfield County	<b>SECTRANGE:</b>	15750D	96W
<b>WELL NAME:</b>	Jolley Federal 11C-20-691			

From Monday, March 15, 2010 at 0000 to Monday, March 15, 2010 at 2400

DRILLING SUMMARY					Drilling Parameters						
Start Depth	3400.00	Rotary Hours	10.47	WOB	22	Pick UP	146	Slack Off	117	SPM	
End Depth	4729.00	Circulating Hours	5.47	RAB	129	SPP	2630	FlowRate	585 - 600	130	
Total Drilled:	1329.00	Avg. Total ROP:	96.77	Mud Data							
Total Rotary Drilled:	1232.00	Avg. Rotary ROP:	117.71	Type	LSND			PV	24	SOLID	9.2
Total Drilled Sliding:	97.00	Avg. Slide ROP:	29.69	Weight	9.7	GAS	0	YP	18	BHT°	0
Slide Hours:	3.27	Percent Rotary:	92.70	Viscosity	59	SAND	0.35	PH	8.8	Flow T°	101
Below Rotary Hrs.	24.00	Percent Slide:	7.30	Chlorides	1200	WL	7.2			Oil %	0
PERSONNEL				CASING					BHA		
Lead Directional :	Logan Evans			Size	Lb/ft	Set Depth		BHA # 1:FXD56M (5x15), Hemi 6.25, 7/8 4.8, 1.83 deg., UBHO, 6 1/4 NMDC, Gap Sub, 6 1/4 NMDC, 30 Jnts HWDP, 4 1/2 Drill Pipe,			
Second Directional :	Justin Calhoun			9 5/8	36	825					
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell Energy L.P.										
Geologist:				Signature:							
Company Man:	Doug Miller										
Incl. In:	16.6	Azm. In:	309.4	Incl. Out:	3.7	Azm. Out:	311.3				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
15-Mar-10	00:00	00:27	0.45	3400	3488	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
15-Mar-10	00:27	00:32	0.08	3488	3488	Survey & Conn.	Survey & Conn.
15-Mar-10	00:32	00:51	0.32	3488	3496	Sliding	Sliding - (WOB:5;GPM :600;TFO:240)
15-Mar-10	00:51	01:23	0.53	3496	3583	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
15-Mar-10	01:23	01:32	0.15	3583	3583	Survey & Conn.	Survey & Conn.
15-Mar-10	01:32	01:57	0.42	3583	3679	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
15-Mar-10	01:57	02:05	0.13	3679	3679	Survey & Conn.	Survey & Conn.
15-Mar-10	02:05	02:57	0.87	3679	3774	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
15-Mar-10	02:57	03:04	0.12	3774	3774	Survey & Conn.	Survey & Conn.
15-Mar-10	03:04	03:26	0.37	3774	3870	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
15-Mar-10	03:26	03:33	0.12	3870	3870	Survey & Conn.	Survey & Conn.
15-Mar-10	03:33	04:08	0.58	3870	3965	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
15-Mar-10	04:08	04:13	0.08	3965	3965	Survey & Conn.	Survey & Conn.
15-Mar-10	04:13	04:35	0.37	3965	3997	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
15-Mar-10	04:35	05:08	0.55	3997	4009	Sliding	Sliding - (WOB:5;GPM :600;TFO:-90)
15-Mar-10	05:08	05:47	0.65	4009	4060	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
15-Mar-10	05:47	05:55	0.13	4060	4060	Survey & Conn.	Survey & Conn.

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
15-Mar-10	05:55	06:15	0.33	4060	4072	Sliding	Sliding - (WOB:5;GPM :600;TFO:170)
15-Mar-10	06:15	06:50	0.58	4072	4156	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
15-Mar-10	06:50	06:59	0.15	4156	4156	Survey & Conn.	Survey & Conn.
15-Mar-10	06:59	07:05	0.10	4156	4164	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
15-Mar-10	07:05	07:23	0.30	4164	4179	Sliding	Sliding - (WOB:5;GPM :600;TFO:180)
15-Mar-10	07:23	07:59	0.60	4179	4251	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
15-Mar-10	07:59	08:07	0.13	4251	4251	Survey & Conn.	Survey & Conn.
15-Mar-10	08:07	08:17	0.17	4251	4270	Drilling	Drilling - (WOB:20;GPM :600;RPM:45)
15-Mar-10	08:17	08:35	0.30	4270	4285	Sliding	Sliding - (WOB:5;GPM :600;TFO:180)
15-Mar-10	08:35	09:09	0.57	4285	4347	Drilling	Drilling - (WOB:22;GPM :585;RPM:45)
15-Mar-10	09:09	09:45	0.60	4347	4347	Rig repair	Calibrate EDS
15-Mar-10	09:45	10:05	0.33	4347	4365	Drilling	Drilling - (WOB:22;GPM :585;RPM:45)
15-Mar-10	10:05	10:59	0.90	4365	4380	Sliding	Sliding - (WOB:28;GPM :585;TFO:180)
15-Mar-10	10:59	11:45	0.77	4380	4442	Drilling	Drilling - (WOB:22;GPM :585;RPM:45)
15-Mar-10	11:45	12:17	0.53	4442	4442	Rig Service-Inhole	Rig Service-Inhole
15-Mar-10	12:17	12:23	0.10	4442	4452	Drilling	Drilling - (WOB:22;GPM :585;RPM:45)
15-Mar-10	12:23	12:57	0.57	4452	4472	Sliding	Sliding - (WOB:28;GPM :585;TFO:180)
15-Mar-10	12:57	13:39	0.70	4472	4538	Drilling	Drilling - (WOB:22;GPM :585;RPM:45)
15-Mar-10	13:39	13:50	0.18	4538	4538	Survey & Conn.	Survey & Conn.
15-Mar-10	13:50	14:53	1.05	4538	4633	Drilling	Drilling - (WOB:22;GPM :585;RPM:45)
15-Mar-10	14:53	15:01	0.13	4633	4633	Survey & Conn.	Survey & Conn.
15-Mar-10	15:01	16:17	1.27	4633	4729	Drilling	Drilling - (WOB:22;GPM :585;RPM:45)
15-Mar-10	16:17	16:45	0.47	4729	4729	Circulating	Circulating Bottoms Up.
15-Mar-10	16:45	21:45	5.00	4729	4729	Reaming	Reaming F/ 4729 T/ 3118
15-Mar-10	21:45	24:00	2.25	4729	4729	POOH	POOH



<b>JOB NO.:</b>	20100305	<b>Report Time:</b>	2400	3 of 6
<b>Company:</b>	Bill Barrett Corp.	<b>API JOB #</b>	05-045-18	
<b>LOCATION:</b>	Jolley 12 MDP	<b>WORK ORDER#</b>	15742D	
<b>RIG NAME:</b>	Patterson 301	<b>FIELD:</b>	MAMM CREEK/Mesaverde-Ro	
<b>STATE:</b>	Colorado	<b>Township:</b>	6S	
<b>COUNTY:</b>	Garfield County	<b>SECTRANGE:</b>	15750D	96W
<b>WELL NAME:</b>	Jolley Federal 11C-20-691			

From Tuesday, March 16, 2010 at 0000 to Tuesday, March 16, 2010 at 2400

DRILLING SUMMARY					Drilling Parameters						
Start Depth	4729.00	Rotary Hours	12.53	WOB	16	Pick UP	146	Slack Off	117	SPM	
End Depth	5983.00	Circulating Hours	0.00	RAB	129	SPP	2630	FlowRate	585 - 585	130	
Total Drilled:	1254.00	Avg. Total ROP:	96.96	Mud Data							
Total Rotary Drilled:	1239.00	Avg. Rotary ROP:	98.86	Type	LSND			PV	12	SOLID	9.2
Total Drilled Sliding:	15.00	Avg. Slide ROP:	37.50	Weight	9	GAS	0	YP	18	BHT°	0
Slide Hours:	0.40	Percent Rotary:	98.80	Viscosity	39	SAND	0.35	PH	9.2	Flow T°	101
Below Rotary Hrs.	24.00	Percent Slide:	1.20	Chlorides	1200	WL	7.2			Oil %	0
PERSONNEL				CASING					BHA		
Lead Directional :	Logan Evans			Size	Lb/ft	Set Depth		BHA # 2:Q505FX (5x16), Hemi 6.25, 7/8 4.8, 1.83 deg., UBHO, 6 1/4 NMDC, Gap Sub, 6 1/4 NMDC, 30 Jnts HWDP, 4 1/2 Drill Pipe,			
Second Directional :	Justin Calhoun			9 5/8	36	825					
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell Energy L.P.										
Geologist:				Signature:							
Company Man:	Doug Miller										
Incl. In:	3.7	Azm. In:	311.3	Incl. Out:	0.6	Azm. Out:	31.6				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
16-Mar-10	00:00	00:45	0.75	4729	4729	Change BHA	Change BHA - Change out bit, check motor, and replace contact blades on MWD tool
16-Mar-10	00:45	08:40	7.92	4729	4729	TIH	TIH
16-Mar-10	08:40	09:38	0.97	4729	4824	Drilling	Drilling - (WOB:22;GPM :585;RPM:45)
16-Mar-10	09:38	09:55	0.28	4824	4824	Survey & Conn.	Survey & Conn.
16-Mar-10	09:55	10:13	0.30	4824	4863	Drilling	Drilling - (WOB:22;GPM :585;RPM:45)
16-Mar-10	10:13	10:37	0.40	4863	4878	Sliding	Sliding - (WOB:28;GPM :585;TFO:180)
16-Mar-10	10:37	10:57	0.33	4878	4920	Drilling	Drilling - (WOB:22;GPM :585;RPM:45)
16-Mar-10	10:57	11:07	0.17	4920	4920	Survey & Conn.	Survey & Conn.
16-Mar-10	11:07	12:07	1.00	4920	5015	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)
16-Mar-10	12:07	12:17	0.17	5015	5015	Survey & Conn.	Survey & Conn.
16-Mar-10	12:17	12:57	0.67	5015	5110	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)
16-Mar-10	12:57	13:07	0.17	5110	5110	Survey & Conn.	Survey & Conn.
16-Mar-10	13:07	13:47	0.67	5110	5206	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)
16-Mar-10	13:47	13:57	0.17	5206	5206	Survey & Conn.	Survey & Conn.
16-Mar-10	13:57	14:36	0.65	5206	5301	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)
16-Mar-10	14:36	14:46	0.17	5301	5301	Survey & Conn.	Survey & Conn.
16-Mar-10	14:46	15:30	0.73	5301	5397	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
16-Mar-10	15:30	15:58	0.47	5397	5397	Rig Service-Inhole	Rig Service-Inhole
16-Mar-10	15:58	16:36	0.63	5397	5492	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)
16-Mar-10	16:36	16:47	0.18	5492	5492	Survey & Conn.	Survey & Conn.
16-Mar-10	16:47	17:39	0.87	5492	5587	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)
16-Mar-10	17:39	17:45	0.10	5587	5587	Survey & Conn.	Survey & Conn.
16-Mar-10	17:45	19:07	1.37	5587	5683	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)
16-Mar-10	19:07	19:13	0.10	5683	5683	Survey & Conn.	Survey & Conn.
16-Mar-10	19:13	20:18	1.08	5683	5778	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)
16-Mar-10	20:18	20:27	0.15	5778	5778	Survey & Conn.	Survey & Conn.
16-Mar-10	20:27	22:07	1.67	5778	5874	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)
16-Mar-10	22:07	22:14	0.12	5874	5874	Survey & Conn.	Survey & Conn.
16-Mar-10	22:14	23:37	1.38	5874	5969	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)
16-Mar-10	23:37	23:47	0.17	5969	5969	Survey & Conn.	Survey & Conn.
16-Mar-10	23:47	24:00	0.22	5969	5983	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)



<b>JOB NO.:</b>	20100305	<b>Report Time:</b>	2400	4 of 6
<b>Company:</b>	Bill Barrett Corp.	<b>API JOB #</b>	05-045-18	
<b>LOCATION:</b>	Jolley 12 MDP	<b>WORK ORDER#</b>	15742D	
<b>RIG NAME:</b>	Patterson 301	<b>FIELD:</b>	MAMM CREEK/Mesaverde-Ro	
<b>STATE:</b>	Colorado	<b>Township:</b>	6S	
<b>COUNTY:</b>	Garfield County	<b>SECTRANGE:</b>	15750D	96W
<b>WELL NAME:</b>	Jolley Federal 11C-20-691			

From Wednesday, March 17, 2010 at 0000 to Wednesday, March 17, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	5983.00	Rotary Hours	8.88	WOB	24	Pick UP	176	Slack Off	146	SPM	
End Depth	6446.00	Circulating Hours	0.00	RAB	137	SPP	2230	FlowRate	480 - 585	118	
Total Drilled:	463.00	Avg. Total ROP:	48.23	Mud Data							
Total Rotary Drilled:	453.00	Avg. Rotary ROP:	50.99	Type	LSND			PV	30	SOLID	10.2
Total Drilled Sliding:	10.00	Avg. Slide ROP:	13.95	Weight	10.2	GAS	0	YP	18	BHT°	0
Slide Hours:	0.72	Percent Rotary:	97.84	Viscosity	50	SAND	1	PH	9.1	Flow T°	98
Below Rotary Hrs.	24.00	Percent Slide:	2.16	Chlorides	1000	WL	5.6			Oil %	0
PERSONNEL				CASING					BHA		
Lead Directional :	Logan Evans			Size	Lb/ft	Set Depth		BHA # 3:FX55M (5x16), Hemi 6.25, 7/8 4.8, 1.83 deg., UBHO, 6 1/4 NMDC, Gap Sub, 6 1/4 NMDC, 30 Jnts HWDP, 4 1/2 Drill Pipe,			
Second Directional :	Justin Calhoun			9 5/8	36	825					
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell Energy L.P.										
Geologist:				Signature:							
Company Man:	Doug Miller										
Incl. In:	0.6	Azm. In:	31.6	Incl. Out:	1.5	Azm. Out:	80.5				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
17-Mar-10	00:00	00:43	0.72	5983	5993	Sliding	Sliding - (WOB:22;GPM :585;TFO:-120)
17-Mar-10	00:43	02:10	1.45	5993	6065	Drilling	Drilling - (WOB:16;GPM :585;RPM:45)
17-Mar-10	02:10	02:18	0.13	6065	6065	Survey & Conn.	Survey & Conn.
17-Mar-10	02:18	03:56	1.63	6065	6160	Drilling	Drilling - (WOB:24;GPM :585;RPM:45)
17-Mar-10	03:56	04:05	0.15	6160	6160	Survey & Conn.	Survey & Conn.
17-Mar-10	04:05	06:12	2.12	6160	6255	Drilling	Drilling - (WOB:24;GPM :585;RPM:45)
17-Mar-10	06:12	06:20	0.13	6255	6255	Survey & Conn.	Survey & Conn.
17-Mar-10	06:20	08:27	2.12	6255	6351	Drilling	Drilling - (WOB:24;GPM :585;RPM:45)
17-Mar-10	08:27	08:43	0.27	6351	6351	Survey & Conn.	Survey & Conn.
17-Mar-10	08:43	09:57	1.23	6351	6419	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)
17-Mar-10	09:57	10:50	0.88	6419	6419	Rig Service-Inhole	Rig Service-Inhole
17-Mar-10	10:50	16:15	5.42	6419	6419	POOH	POOH
17-Mar-10	16:15	17:15	1.00	6419	6419	Change BHA	Change BHA
17-Mar-10	17:15	17:38	0.38	6419	6419	TIH	TIH
17-Mar-10	17:38	20:00	2.37	6419	6419	Rig repair	Slip and Cut
17-Mar-10	20:00	23:40	3.67	6419	6419	TIH	TIH
17-Mar-10	23:40	24:00	0.33	6419	6446	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)





<b>JOB NO.:</b>	20100305	<b>Report Time:</b>	2400	5 of 6
<b>Company:</b>	Bill Barrett Corp.	<b>API JOB #</b>	05-045-18	
<b>LOCATION:</b>	Jolley 12 MDP	<b>WORK ORDER#</b>	15742D	
<b>RIG NAME:</b>	Patterson 301	<b>FIELD:</b>	MAMM CREEK/Mesaverde-Ro	
<b>STATE:</b>	Colorado	<b>Township:</b>	6S	
<b>COUNTY:</b>	Garfield County	<b>SECTRANGE:</b>	15750D	96W
<b>WELL NAME:</b>	Jolley Federal 11C-20-691			

From Thursday, March 18, 2010 at 0000 to Thursday, March 18, 2010 at 2400

DRILLING SUMMARY				Drilling Parameters							
Start Depth	6446.00	Rotary Hours	18.70	WOB	18	Pick UP	176	Slack Off	146	SPM	
End Depth	7506.00	Circulating Hours	0.40	RAB	137	SPP	2550	FlowRate	480 - 480	118	
Total Drilled:	1060.00	Avg. Total ROP:	51.58	Mud Data							
Total Rotary Drilled:	1032.00	Avg. Rotary ROP:	55.19	Type	LSND			PV	24	SOLID	10.8
Total Drilled Sliding:	28.00	Avg. Slide ROP:	15.14	Weight	10.15	GAS	0	YP	10	BHT°	0
Slide Hours:	1.85	Percent Rotary:	97.36	Viscosity	46	SAND	1.5	PH	9.4	Flow T°	85
Below Rotary Hrs.	24.00	Percent Slide:	2.64	Chlorides	1000	WL	5.6			Oil %	0
PERSONNEL				CASING					BHA		
Lead Directional :	Logan Evans			Size	Lb/ft	Set Depth		BHA # 3:FX55M (5x16), Hemi 6.25, 7/8 4.8, 1.83 deg., UBHO, 6 1/4 NMDC, Gap Sub, 6 1/4 NMDC, 30 Jnts HWDP, 4 1/2 Drill Pipe,			
Second Directional :	Justin Calhoun			9 5/8	36	825					
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell Energy L.P.										
Geologist:				Signature:							
Company Man:	Doug Miller										
Incl. In:	1.5	Azm. In:	80.5	Incl. Out:	1.1	Azm. Out:	38.1				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
18-Mar-10	00:00	00:08	0.13	6446	6446	Survey & Conn.	Survey & Conn.
18-Mar-10	00:08	01:26	1.30	6446	6541	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)
18-Mar-10	01:26	01:35	0.15	6541	6541	Survey & Conn.	Survey & Conn.
18-Mar-10	01:35	01:45	0.17	6541	6551	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)
18-Mar-10	01:45	02:27	0.70	6551	6567	Sliding	Sliding - (WOB:22;GPM :585;TFO:180)
18-Mar-10	02:27	03:30	1.05	6567	6636	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)
18-Mar-10	03:30	03:41	0.18	6636	6636	Survey & Conn.	Survey & Conn.
18-Mar-10	03:41	05:11	1.50	6636	6731	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)
18-Mar-10	05:11	05:22	0.18	6731	6731	Survey & Conn.	Survey & Conn.
18-Mar-10	05:22	06:28	1.10	6731	6827	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)
18-Mar-10	06:28	06:47	0.32	6827	6827	Survey & Conn.	Survey & Conn.
18-Mar-10	06:47	08:15	1.47	6827	6922	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)
18-Mar-10	08:15	08:28	0.22	6922	6922	Survey & Conn.	Survey & Conn.
18-Mar-10	08:28	09:55	1.45	6922	7018	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)
18-Mar-10	09:55	10:20	0.42	7018	7018	Survey & Conn.	Survey & Conn.
18-Mar-10	10:20	12:14	1.90	7018	7113	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)
18-Mar-10	12:14	12:26	0.20	7113	7113	Survey & Conn.	Survey & Conn.



Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
18-Mar-10	12:26	14:09	1.72	7113	7209	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)
18-Mar-10	14:09	14:45	0.60	7209	7209	Rig Service-Inhole	Rig Service-Inhole
18-Mar-10	14:45	15:39	0.90	7209	7250	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)
18-Mar-10	15:39	16:48	1.15	7250	7262	Sliding	Sliding - (WOB:22;GPM :480;TFO:180)
18-Mar-10	16:48	17:43	0.92	7262	7304	Drilling	Drilling - (WOB:24;GPM :480;RPM:45)
18-Mar-10	17:43	17:56	0.22	7304	7304	Survey & Conn.	Survey & Conn.
18-Mar-10	17:56	18:36	0.67	7304	7345	Drilling	Drilling - (WOB:16;GPM :480;RPM:45)
18-Mar-10	18:36	19:00	0.40	7345	7345	Circulating	Circulating
18-Mar-10	19:00	20:12	1.20	7345	7399	Drilling	Drilling - (WOB:16;GPM :480;RPM:45)
18-Mar-10	20:12	20:28	0.27	7399	7399	Survey & Conn.	Survey & Conn.
18-Mar-10	20:28	23:15	2.78	7399	7494	Drilling	Drilling - (WOB:16;GPM :480;RPM:45)
18-Mar-10	23:15	23:25	0.17	7494	7494	Survey & Conn.	Survey & Conn.
18-Mar-10	23:25	24:00	0.58	7494	7506	Drilling	Drilling - (WOB:18;GPM :480;RPM:45)



<b>JOB NO.:</b>	20100305	<b>Report Time:</b>	2400	6 of 6
<b>Company:</b>	Bill Barrett Corp.	<b>API JOB #</b>	05-045-18	
<b>LOCATION:</b>	Jolley 12 MDP	<b>WORK ORDER#</b>	15742D	
<b>RIG NAME:</b>	Patterson 301	<b>FIELD:</b>	MAMM CREEK/Mesaverde-Ro	
<b>STATE:</b>	Colorado	<b>Township:</b>	6S	
<b>COUNTY:</b>	Garfield County	<b>SECTRANGE:</b>	15750D	96W
<b>WELL NAME:</b>	Jolley Federal 11C-20-691			

From Friday, March 19, 2010 at 0000 to Friday, March 19, 2010 at 2400

DRILLING SUMMARY						Drilling Parameters					
Start Depth	7506.00	Rotary Hours	5.55	WOB	18	Pick UP	176	Slack Off	146	SPM	
End Depth	7700.00	Circulating Hours	1.20	RAB	137	SPP	2550	FlowRate	480 - 480	118	
Total Drilled:	194.00	Avg. Total ROP:	34.95	Mud Data							
Total Rotary Drilled:	194.00	Avg. Rotary ROP:	34.95	Type	LSND			PV	24	SOLID	10.8
Total Drilled Sliding:	0.00	Avg. Slide ROP:	NA	Weight	10.15	GAS	0	YP	10	BHT°	0
Slide Hours:	0.00	Percent Rotary:	100.00	Viscosity	46	SAND	1.5	PH	9.4	Flow T°	85
Below Rotary Hrs.	13.50	Percent Slide:	.00	Chlorides	1000	WL	5.6			Oil %	0
PERSONNEL				CASING				BHA			
Lead Directional :	Logan Evans			Size	Lb/ft	Set Depth		BHA # 3:FX55M (5x16), Hemi 6.25, 7/8 4.8, 1.83 deg., UBHO, 6 1/4 NMDC, Gap Sub, 6 1/4 NMDC, 30 Jnts HWDP, 4 1/2 Drill Pipe,			
Second Directional :	Justin Calhoun			9 5/8	36	825					
MWD Operator1	Paul Loehr										
MWD Operator2											
Directional Company:	Sharewell Energy L.P.										
Geologist:				Signature:							
Company Man:	Doug Miller										
Incl. In:	1.1	Azm. In:	38.1	Incl. Out:	0	Azm. Out:	0				

#### GENERAL COMMENT

Date	Start Time	End Time	Hours	Start Depth	End Depth	Activity Code	COMMENT
19-Mar-10	00:00	02:53	2.88	7506	7589	Drilling	Drilling - (WOB:18;GPM :480;RPM:45)
19-Mar-10	02:53	03:00	0.12	7589	7589	Survey & Conn.	Survey & Conn.
19-Mar-10	03:00	05:15	2.25	7589	7685	Drilling	Drilling - (WOB:18; :480;RPM:45)
19-Mar-10	05:15	05:23	0.13	7685	7685	Survey & Conn.	Survey & Conn.
19-Mar-10	05:23	05:48	0.42	7685	7700	Drilling	Drilling - (WOB:18; :480;RPM:45)
19-Mar-10	05:48	07:00	1.20	7700	7700	Circulating	Circulating
19-Mar-10	07:00	12:30	5.50	7700	7700	POOH	POOH
19-Mar-10	12:30	13:30	1.00	7700	7700	Survey & Conn.	Laydown motor and rack tools.

# Well Information

**BHA #** 1



**JOB NO.:** 20100305  
**Company:** Bill Barrett Corp.  
**LOCATION:** Jolley 12 MDP  
**RIG NAME:** Patterson 301  
**STATE:** Colorado  
**COUNTY:** Garfield County  
**WELL NAME:** Jolley Federal 11C-20-691

**FIELD:** MAMM CREEK/Mesaverde-Ro  
**Township:** 6S  
**SECT. RANGE:** 15750D 96W  
**Lead DD:** Logan Evans  
**Co. Man:** Doug Miller  
**BHA TYPE:** Steerable Assembly

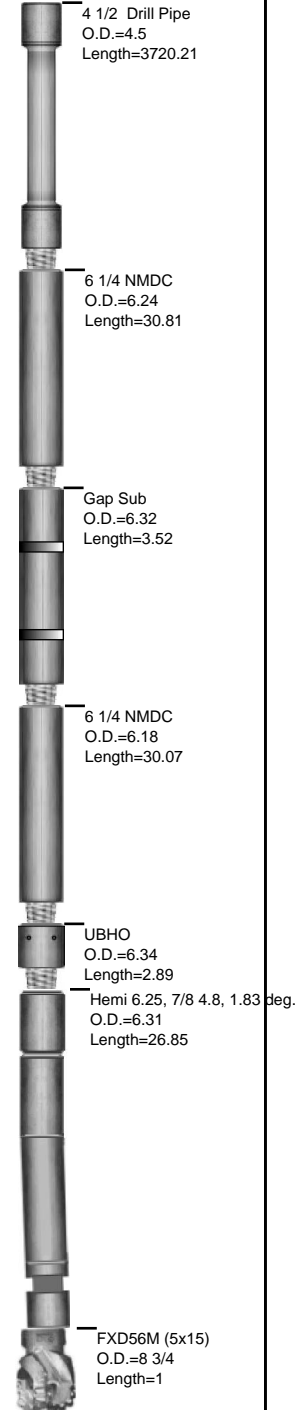
## BHA Summary Information

TIME IN - OUT			Rotary Hours		18.97		Start Depth		825.00		RPM	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only	29.47 / 5.95		End Depth		4729.00					
14-Mar-10 @ 00:00	16-Mar-10 @ 00:45	Slide Hours		4.55 <th colspan="2">Percent Rotary:</th> <td colspan="2">94.52</td> <td rowspan="2">0 -45</td> <td rowspan="2">490 -600</td>		Percent Rotary:		94.52		0 -45	490 -600	
		Below Rotary Hrs.		43.67 <th colspan="2">Percent Slide:</th> <td colspan="2">5.48</td>		Percent Slide:		5.48				
Total Drilled:			3904.00 <th colspan="2">Avg. Total ROP:</th> <td colspan="2">166.01<th colspan="2">Incl.</th><th colspan="2">Azimuth</th></td>		Avg. Total ROP:		166.01 <th colspan="2">Incl.</th> <th colspan="2">Azimuth</th>		Incl.		Azimuth	
Total Rotary Drilled:			3690.00 <th colspan="2">Avg. Rotary ROP:</th> <td colspan="2">194.55<th>IN</th><th>OUT</th><th>IN</th><th>OUT</th></td>		Avg. Rotary ROP:		194.55 <th>IN</th> <th>OUT</th> <th>IN</th> <th>OUT</th>		IN	OUT	IN	OUT
Total Drilled Sliding:			214.00 <th colspan="2">Avg. Slide ROP:</th> <td colspan="2">47.03</td> <td>1.5</td> <td>3.5</td> <td colspan="2">41.65 312.87</td>		Avg. Slide ROP:		47.03		1.5	3.5	41.65 312.87	
SPP	2630 -2630	Weights	SO	69 -117	PU	73 -146	RAB	71 -129	Reason POOH			

Bit Data							MOTOR DATA					Mud Data				
Security		FXD56M (5x15)					6.25in-7/8 lobe, 4.8 stg-.24rev-1.83 ako					Type	LSND			
Type Bit				PDC			Model: HEMI			Pad OD		WT 9.7 GAS 0 Solids 9.2				
TFA		0.752					MFG. NOV			6.44		Vis 59 SAND 0.35 T° 101				
JETS			14	14	14	14	14	Bend ° 1.83		Stator/Rotor 7:8		PV 24 PH 8.8 Chlor 1200				
			0	0	0	0	0	Bit to Bend 6.97		Motor Diff		YP 18 WL 7.2 Oil % 0				
Bit Coding				IADC#				Rev/GAL 0.24						BHT° 0		
IR	OR	DL	Loc	BS	G	ODL	NB Stab 0		PUMPS		PUMP1		PUMP1			
							Rotor Jet 0		NAME		NATIONAL		NATIONAL			
0	0								Model							
Bit Drop:			569 PSI @ 600 GPM			Sensor Offsets			Type		TRIPLEX		TRIPLEX			
Comments				Sensor	42	Sonic	0	Lineer		6.00		6.00				
				Gamma	0	DNsc	0	Stroke		12.00		12.00				
				Restiv	0	GYRO	0	Efficiency		95.00		95.00				

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FXD56M (5x15)	114485675		8 3/4	1.00	1.00	4 1/2 REGP
2	Hemi 6.25, 7/8 4.8, 1.83 deg.	625-14-042		6.31	26.85	27.85	4 1/2 XHB
3	UBHO	650-82	2.82	6.34	2.89	30.74	4 1/2 XHB
4	6 1/4 NMDC	650-3000075	3.27	6.18	30.07	60.81	4 1/2 XHB
5	Gap Sub	G65012 SW	3.28	6.32	3.52	64.33	4 1/2 XHB
6	6 1/4 NMDC	650-300-0061	3.29	6.24	30.81	95.14	4 1/2 XHB
7	30 Jnts HWDP	Rig	2 7/8	4 1/2	913.65	1008.79	4 1/2 XHB
8	4 1/2 Drill Pipe	DP-3.826-G	3.826	4.5	3,720.21	4729.00	4 1/2 XH



# Well Information

**BHA #** 2



**JOB NO.:** 20100305  
**Company:** Bill Barrett Corp.  
**LOCATION:** Jolley 12 MDP  
**RIG NAME:** Patterson 301  
**STATE:** Colorado  
**COUNTY:** Garfield County  
**WELL NAME:** Jolley Federal 11C-20-691

**FIELD:** MAMM CREEK/Mesaverde-Ro  
**Township:** 6S  
**SECT. RANGE:** 15750D 96W  
**Lead DD:** Logan Evans  
**Co. Man:** Doug Miller  
**BHA TYPE:** Steerable Assembly

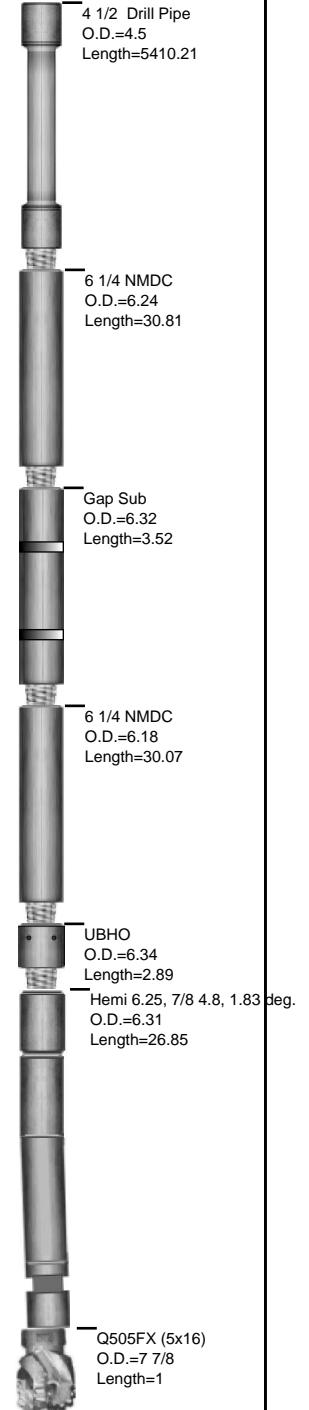
## BHA Summary Information

TIME IN - OUT		Rotary Hours		21.08	Start Depth		4729.00	RPM Range	Flow Rate
Start Time	End Time	Circ Hrs Tot/Only		22.20 / .00	End Depth		6419.00		
16-Mar-10 @ 00:45	17-Mar-10 @ 17:15	Slide Hours		1.12	Percent Rotary:		98.52	0 -45	480 -585
		Below Rotary Hrs.		40.50	Percent Slide:		1.48		
Total Drilled:		1690.00	Avg. Total ROP:		76.13	Incl.		Azimuth	
Total Rotary Drilled:		1665.00	Avg. Rotary ROP:		78.97	IN	OUT	IN	OUT
Total Drilled Sliding:		25.00	Avg. Slide ROP:		22.39	3.5	1.6	312.87	74.01
SPP	2230 -2630	Weights	SO	117 -146	PU	146 -176	RAB	129 -137	Reason POOH

Bit Data		MOTOR DATA		Mud Data	
BAKER	Q505FX (5x16)	6.25in-7/8 lobe, 4.8 stg-.24rev-1.83 ako		Type	LSND
<b>Type Bit</b>		Model: HEMI Pad OD		WT 10.2	GAS 0 Solids 10.2
TFA	0.981	MFG. NOV 6.44		Vis 50	SAND 1 T° 98
JETS	16	16	16	16	16
	0	0	0	0	0
<b>Bit Coding</b>		IADC#		Rev/GAL	0.29
IR	OR	DL	Loc	BS	G ODL
0	0				
<b>Bit Drop:</b>		334 PSI @ 585 GPM		<b>Sensor Offsets</b>	
<b>Comments</b>		Sensor	42	Sonic	0
		Gamma	0	DNsc	0
		Restiv	0	GYRO	0
				Liner	
				Stroke	
				Efficiency	

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	Q505FX (5x16)	7127069		7 7/8	1.00	1.00	4 1/2 REGP
2	Hemi 6.25, 7/8 4.8, 1.83 deg.	625-14-042		6.31	26.85	27.85	4 1/2 XHB
3	UBHO	650-82	2.82	6.34	2.89	30.74	4 1/2 XHB
4	6 1/4 NMDC	650-3000075	3.27	6.18	30.07	60.81	4 1/2 XHB
5	Gap Sub	G65012 SW	3.28	6.32	3.52	64.33	4 1/2 XHB
6	6 1/4 NMDC	650-300-0061	3.29	6.24	30.81	95.14	4 1/2 XHB
7	30 Jnts HWDP	Rig	2 7/8	4 1/2	913.65	1008.79	4 1/2 XHB
8	4 1/2 Drill Pipe	DP-3.826-G	3.826	4.5	5,410.21	6419.00	4 1/2 XH



# Well Information

**BHA #** 3



**JOB NO.:** 20100305  
**Company:** Bill Barrett Corp.  
**LOCATION:** Jolley 12 MDP  
**RIG NAME:** Patterson 301  
**STATE:** Colorado  
**COUNTY:** Garfield County  
**WELL NAME:** Jolley Federal 11C-20-691

**FIELD:** MAMM CREEK/Mesaverde-Ro  
**Township:** 6S  
**SECT. RANGE:** 15750D 96W  
**Lead DD:** Logan Evans  
**Co. Man:** Doug Miller  
**BHA TYPE:** Steerable Assembly

## BHA Summary Information

TIME IN - OUT		Rotary Hours		24.58	Start Depth		6419.00		RPM Range	Flow Rate	
Start Time	End Time	Circ Hrs Tot/Only		28.03 / 1.60	End Depth		7700.00				
17-Mar-10 @ 17:15	19-Mar-10 @ 13:30	Slide Hours		1.85	Percent Rotary:		97.81		0 -45	480 -480	
		Below Rotary Hrs.		44.25	Percent Slide:		2.19				
Total Drilled:		1281.00		Avg. Total ROP:		48.46		Incl.		Azimuth	
Total Rotary Drilled:		1253.00		Avg. Rotary ROP:		50.97		IN	OUT	IN	OUT
Total Drilled Sliding:		28.00		Avg. Slide ROP:		15.14		1.6	1.3	74.01 55.80	
SPP	2230 -2550	Weights	SO	146 -146	PU	176 -176	RAB	137 -137	Reason POOH		

Bit Data				MOTOR DATA				Mud Data			
Security	FX55M (5x16)			6.25in-7/8 lobe, 4.8 stg-.24rev-1.83 ako				Type	LSND		
<b>Type Bit</b>		PDC		Model: HEMI	Pad OD			WT 10.15	GAS 0	Solids 10.8	
TFA	0.981			MFG. NOV	6.44			Vis 46	SAND 1.5	T ° 85	
JETS	16	16	16	Bend ° 1.83	Stator/Rotor	7:8		PV 24	PH 9.4	Chlor 1000	
	0	0	0	Bit to Bend 6.97	Motor Diff			YP 10	WL 5.6	Oil % 0	
<b>Bit Coding</b>		IADC#		Rev/GAL 0.24				<b>BHT°</b>		0	
IR	OR	DL	Loc	BS	G	ODL		<b>PUMPS</b>		<b>PUMP1</b>	<b>PUMP1</b>
0	0							NAME		NATIONAL	NATIONAL
<b>Bit Drop:</b>		224 PSI @ 480 GPM		Sensor Offsets				Type		TRIPLEX	TRIPLEX
<b>Comments</b>		Sensor	42	Sonic	0			Liner		6.00	6.00
		Gamma	0	DNsc	0			Stroke		12.00	12.00
		Restiv	0	GYRO	0			Efficiency		95.00	95.00

## BHA Detail

#	Description	Serial #	I.D.	O.D.	Length	Sum	Top Conn
1	FX55M (5x16)	11271561		7 7/8	1.00	1.00	4 1/2 REGP
2	Hemi 6.25, 7/8 4.8, 1.83 deg.	625-14-042		6.31	26.85	27.85	4 1/2 XHB
3	UBHO	650-82	2.82	6.34	2.89	30.74	4 1/2 XHB
4	6 1/4 NMDC	650-3000075	3.27	6.18	30.07	60.81	4 1/2 XHB
5	Gap Sub	G65012 SW	3.28	6.32	3.52	64.33	4 1/2 XHB
6	6 1/4 NMDC	650-300-0061	3.29	6.24	30.81	95.14	4 1/2 XHB
7	30 Jnts HWDP	Rig	2 7/8	4 1/2	913.65	1008.79	4 1/2 XHB
8	4 1/2 Drill Pipe	DP-3.826-G	3.826	4.5	6,691.21	7700.00	4 1/2 XH

