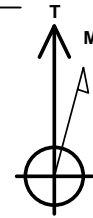


BILL BARRETT CORP
Merritt 6-66-9-0659CDH
WELD COUNTY, COLORADO

Geodetic System: US State Plane 1983
Zone: Colorado Northern Zone
Revised @ 4844.0usft (Nabors #22)
Ground Level: 4822.0
Latitude: 40° 30' 33.600 N
Longitude: 104° 46' 52.300 W

Magnetic North is 8.58° East of True North (Magnetic Declination)



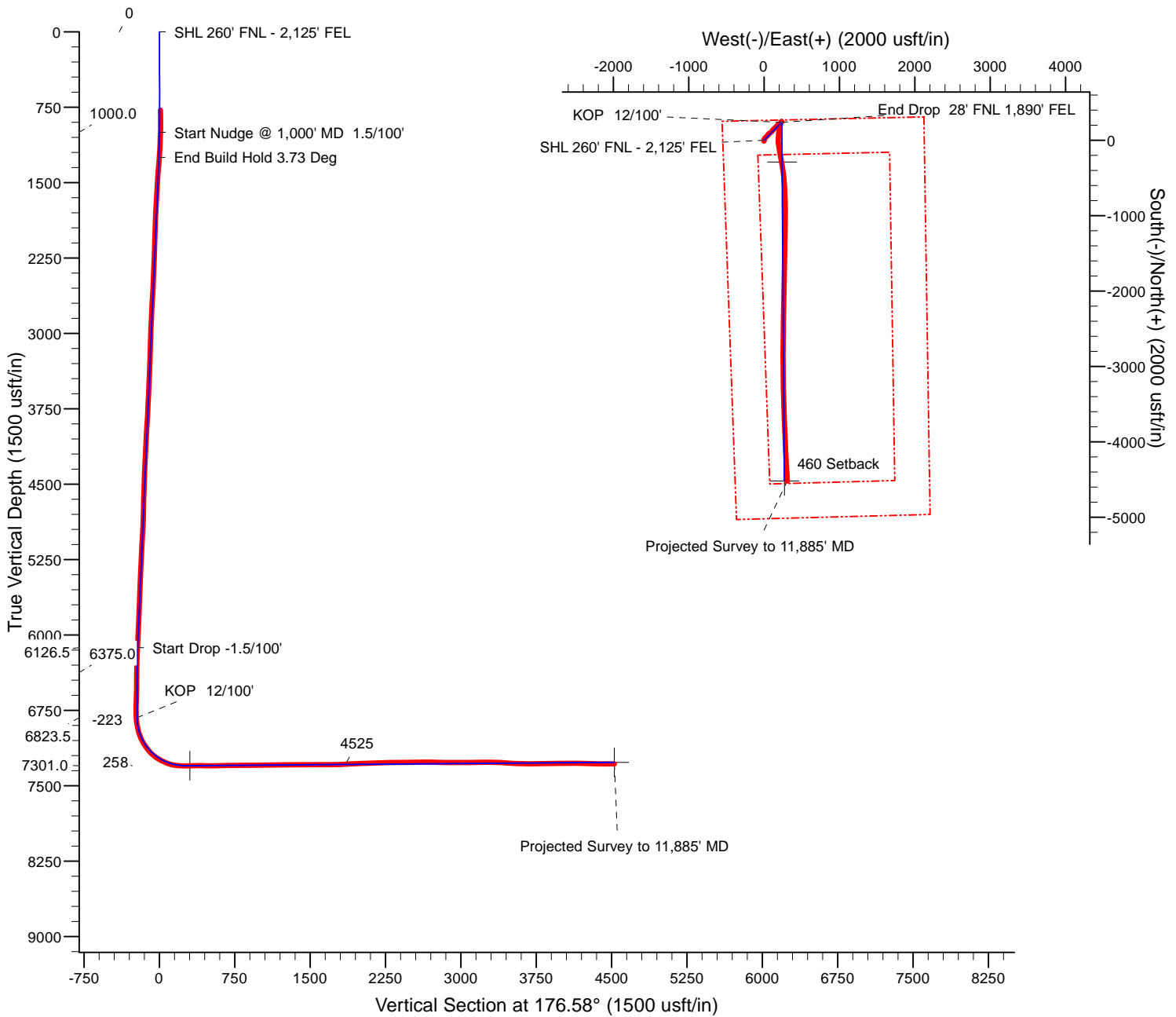
Azimuths to True North
Magnetic North: 8.58°

Magnetic Field
Strength: 52949.7nT
Dip Angle: 67.06°
Date: 9/14/2013
Model: IGRF2010

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
1248.7	3.73	44.78	1248.5	5.7	5.7	1.50	44.78	-5.4	
6137.0	3.73	44.78	6126.5	231.5	229.7	0.00	0.00	-217.3	
6385.7	0.00	0.00	6375.0	237.2	235.4	1.50	180.00	-222.7	
6834.2	0.00	0.00	6823.5	237.2	235.4	0.00	0.00	-222.7	
7587.9	90.44	179.59	7301.0	-243.9	238.9	12.00	179.59	257.8	
11861.6	90.44	179.59	7268.0	-4517.4	269.8	0.00	0.00	4525.4	

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
4471.2	4478.2	Sussex
4866.4	4874.2	Shannon
6891.8	6902.7	Sharon Springs
6958.7	6971.3	Niobrara
7280.2	7442.9	7281' TVD @ 2,000' VS
7280.2	7442.9	Formation 8



Plan: Merritt 6-66-9-0659CDH 12/100' Build Rates (Merritt 6-66-9-0659CDH/Nab

Created By: Mike Kirby Date: 7:52, September 24 2013
Checked: Date:
Reviewed: Date:
Approved: x Date: x

Survey Report

Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Well Merritt 6-66-9-0659CDH
Project:	WELD COUNTY, COLORADO	TVD Reference:	Revised @ 4844.0usft (Nabors #22)
Site:	Merritt 6-66-9 Pad	MD Reference:	Revised @ 4844.0usft (Nabors #22)
Well:	Merritt 6-66-9-0659CDH	North Reference:	True
Wellbore:	Nabors #M22	Survey Calculation Method:	Minimum Curvature
Design:	Nabors #M22	Database:	Rocky Mountain R5000 Database

Project	WELD COUNTY, COLORADO		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Colorado Northern Zone		

Site		Merritt 6-66-9 Pad							
Site Position:		Northing:	1,429,200.77	usft	Latitude:	40° 30' 33.600 N			
From:	Lat/Long	Easting:	3,199,869.74	usft	Longitude:	104° 46' 52.300 W			
Position Uncertainty:		0.0	usft	Slot Radius:	13-3/16	"	Grid Convergence:	0.46	°

Well	Merritt 6-66-9-0659CDH					
Well Position	+N/-S	0.0 usft	Northing:	1,429,196.13 usft	Latitude:	40° 30' 33.552 N
	+E/-W	0.0 usft	Easting:	3,199,898.82 usft	Longitude:	104° 46' 51.924 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	4,844.0 usft	Ground Level:	4,822.0 usft

Wellbore	Nabors #M22				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	9/14/2013	8.58	67.06	52,950

Design	Nabors #M22				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.0	0.0	0.0	176.58	

Survey Program	Date	9/24/2013			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
877.0	11,885.0	Final Survey Report (Nabors #M22)	MWD	MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
780.0	1.13	177.91	779.9	-9.4	0.1	9.4	0.00	0.00	0.00	
877.0	0.90	233.10	876.9	-10.8	-0.5	10.7	0.99	-0.24	56.90	
970.0	0.90	341.30	969.9	-10.5	-1.3	10.4	1.57	0.00	116.34	
1,062.0	2.10	352.10	1,061.9	-8.2	-1.8	8.1	1.33	1.30	11.74	
1,154.0	2.80	357.70	1,153.8	-4.3	-2.1	4.1	0.80	0.76	6.09	
1,287.0	4.30	2.30	1,286.5	4.0	-2.0	-4.1	1.15	1.13	3.46	
1,339.0	5.60	10.60	1,338.3	8.4	-1.5	-8.5	2.85	2.50	15.96	
1,431.0	5.30	34.70	1,429.9	16.3	1.7	-16.2	2.49	-0.33	26.20	
1,528.0	4.00	44.50	1,526.6	22.4	6.7	-22.0	1.57	-1.34	10.10	
1,623.0	4.00	35.50	1,621.4	27.5	10.9	-26.8	0.66	0.00	-9.47	

Survey Report

Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Well Merritt 6-66-9-0659CDH
Project:	WELD COUNTY, COLORADO	TVD Reference:	Revised @ 4844.0usft (Nabors #22)
Site:	Merritt 6-66-9 Pad	MD Reference:	Revised @ 4844.0usft (Nabors #22)
Well:	Merritt 6-66-9-0659CDH	North Reference:	True
Wellbore:	Nabors #M22	Survey Calculation Method:	Minimum Curvature
Design:	Nabors #M22	Database:	Rocky Mountain R5000 Database

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
1,719.0	4.00	31.60	1,717.2	33.0	14.6	-32.1	0.28	0.00	-4.06	
1,815.0	4.50	46.30	1,812.9	38.5	19.1	-37.3	1.24	0.52	15.31	
1,910.0	3.70	57.00	1,907.6	42.7	24.4	-41.2	1.16	-0.84	11.26	
2,005.0	3.70	57.40	2,002.4	46.1	29.5	-44.2	0.03	0.00	0.42	
2,100.0	3.30	53.80	2,097.3	49.3	34.3	-47.2	0.48	-0.42	-3.79	
2,196.0	3.30	52.10	2,193.1	52.7	38.7	-50.3	0.10	0.00	-1.77	
2,290.0	3.30	45.80	2,287.0	56.2	42.8	-53.6	0.39	0.00	-6.70	
2,386.0	2.80	39.80	2,382.8	59.9	46.3	-57.1	0.62	-0.52	-6.25	
2,480.0	3.40	17.30	2,476.7	64.4	48.6	-61.3	1.43	0.64	-23.94	
2,576.0	3.10	16.70	2,572.5	69.6	50.2	-66.4	0.31	-0.31	-0.63	
2,670.0	4.00	32.10	2,666.4	74.8	52.6	-71.5	1.39	0.96	16.38	
2,765.0	4.50	40.70	2,761.1	80.4	56.8	-76.9	0.85	0.53	9.05	
2,861.0	4.10	57.70	2,856.8	85.1	62.2	-81.2	1.39	-0.42	17.71	
2,956.0	4.00	53.10	2,951.6	88.9	67.7	-84.7	0.36	-0.11	-4.84	
3,052.0	3.30	49.30	3,047.4	92.7	72.5	-88.2	0.77	-0.73	-3.96	
3,147.0	4.20	60.20	3,142.2	96.2	77.6	-91.4	1.20	0.95	11.47	
3,243.0	3.90	57.40	3,238.0	99.7	83.4	-94.6	0.37	-0.31	-2.92	
3,338.0	3.70	57.30	3,332.7	103.1	88.7	-97.7	0.21	-0.21	-0.11	
3,434.0	3.40	56.00	3,428.6	106.4	93.6	-100.6	0.32	-0.31	-1.35	
3,528.0	4.30	43.10	3,522.3	110.5	98.3	-104.5	1.32	0.96	-13.72	
3,623.0	3.80	43.80	3,617.1	115.4	103.0	-109.0	0.53	-0.53	0.74	
3,718.0	3.60	41.50	3,711.9	119.9	107.1	-113.3	0.26	-0.21	-2.42	
3,814.0	4.00	32.70	3,807.7	125.0	110.9	-118.1	0.74	0.42	-9.17	
3,909.0	3.90	30.10	3,902.5	130.6	114.3	-123.5	0.22	-0.11	-2.74	
4,005.0	4.30	27.00	3,998.2	136.6	117.6	-129.3	0.48	0.42	-3.23	
4,100.0	4.00	43.20	4,093.0	142.2	121.5	-134.7	1.27	-0.32	17.05	
4,195.0	4.30	42.40	4,187.7	147.2	126.2	-139.4	0.32	0.32	-0.84	
4,291.0	4.70	51.30	4,283.4	152.3	131.7	-144.2	0.84	0.42	9.27	
4,385.0	4.00	53.50	4,377.2	156.7	137.3	-148.2	0.77	-0.74	2.34	
4,480.0	3.10	51.90	4,472.0	160.3	142.0	-151.5	0.95	-0.95	-1.68	
4,576.0	3.00	49.50	4,567.8	163.5	145.9	-154.5	0.17	-0.10	-2.50	
4,672.0	2.50	51.90	4,663.7	166.4	149.5	-157.2	0.53	-0.52	2.50	
4,766.0	2.00	49.20	4,757.7	168.8	152.3	-159.4	0.54	-0.53	-2.87	
4,860.0	2.20	42.40	4,851.6	171.2	154.8	-161.6	0.34	0.21	-7.23	
4,955.0	3.80	38.70	4,946.5	175.0	158.0	-165.2	1.70	1.68	-3.89	
5,050.0	3.90	38.60	5,041.3	179.9	162.0	-170.0	0.11	0.11	-0.11	
5,145.0	4.80	40.40	5,136.0	185.5	166.6	-175.2	0.96	0.95	1.89	
5,241.0	4.60	44.90	5,231.7	191.3	171.9	-180.7	0.44	-0.21	4.69	
5,335.0	5.10	51.70	5,325.3	196.5	177.8	-185.6	0.81	0.53	7.23	
5,430.0	3.50	47.00	5,420.1	201.1	183.3	-189.8	1.72	-1.68	-4.95	
5,526.0	4.60	53.50	5,515.8	205.4	188.5	-193.8	1.24	1.15	6.77	
5,621.0	5.30	62.50	5,610.5	209.7	195.5	-197.7	1.10	0.74	9.47	
5,716.0	4.20	69.70	5,705.1	212.9	202.6	-200.5	1.31	-1.16	7.58	
5,811.0	4.20	57.40	5,799.9	216.0	208.8	-203.2	0.95	0.00	-12.95	

Survey Report

Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Well Merritt 6-66-9-0659CDH
Project:	WELD COUNTY, COLORADO	TVD Reference:	Revised @ 4844.0usft (Nabors #22)
Site:	Merritt 6-66-9 Pad	MD Reference:	Revised @ 4844.0usft (Nabors #22)
Well:	Merritt 6-66-9-0659CDH	North Reference:	True
Wellbore:	Nabors #M22	Survey Calculation Method:	Minimum Curvature
Design:	Nabors #M22	Database:	Rocky Mountain R5000 Database

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,905.0	4.10	47.70	5,893.6	220.1	214.2	-207.0	0.75	-0.11	-10.32
6,001.0	4.70	36.90	5,989.3	225.6	219.1	-212.1	1.06	0.63	-11.25
6,095.0	3.50	30.80	6,083.1	231.1	222.9	-217.4	1.36	-1.28	-6.49
6,191.0	2.40	27.30	6,179.0	235.4	225.3	-221.6	1.16	-1.15	-3.65
6,285.0	1.80	30.40	6,272.9	238.5	226.9	-224.5	0.65	-0.64	3.30
6,381.0	1.10	21.80	6,368.9	240.6	228.1	-226.6	0.76	-0.73	-8.96
6,476.0	1.10	23.90	6,463.9	242.3	228.8	-228.2	0.04	0.00	2.21
6,571.0	1.10	20.00	6,558.8	244.0	229.4	-229.9	0.08	0.00	-4.11
6,666.0	0.90	14.60	6,653.8	245.6	229.9	-231.4	0.23	-0.21	-5.68
6,762.0	0.50	18.50	6,749.8	246.7	230.3	-232.5	0.42	-0.42	4.06
6,792.0	0.40	343.70	6,779.8	246.9	230.3	-232.7	0.95	-0.33	-116.00
6,824.0	2.00	178.70	6,811.8	246.5	230.3	-232.3	7.46	5.00	-515.63
6,856.0	5.90	184.90	6,843.7	244.3	230.1	-230.1	12.24	12.19	19.38
6,888.0	9.00	195.60	6,875.5	240.2	229.3	-226.1	10.57	9.69	33.44
6,920.0	11.90	203.30	6,906.9	234.8	227.3	-220.8	10.04	9.06	24.06
6,952.0	14.90	202.60	6,938.1	228.0	224.5	-214.2	9.39	9.38	-2.19
6,983.0	18.40	202.50	6,967.8	219.8	221.0	-206.2	11.29	11.29	-0.32
7,015.0	20.50	198.20	6,997.9	209.8	217.4	-196.4	7.94	6.56	-13.44
7,047.0	23.90	194.80	7,027.6	198.2	214.0	-185.1	11.35	10.63	-10.63
7,079.0	28.40	191.50	7,056.3	184.4	210.8	-171.5	14.77	14.06	-10.31
7,110.0	32.60	189.90	7,083.0	169.0	207.9	-156.3	13.80	13.55	-5.16
7,142.0	35.80	188.50	7,109.4	151.2	205.0	-138.7	10.30	10.00	-4.38
7,174.0	38.20	189.40	7,135.0	132.2	202.0	-119.9	7.69	7.50	2.81
7,205.0	41.70	189.70	7,158.8	112.6	198.7	-100.5	11.31	11.29	0.97
7,236.0	46.20	188.10	7,181.1	91.3	195.4	-79.5	14.95	14.52	-5.16
7,269.0	52.00	185.70	7,202.7	66.6	192.4	-55.0	18.41	17.58	-7.27
7,301.0	57.20	183.70	7,221.2	40.6	190.3	-29.2	17.03	16.25	-6.25
7,332.0	59.10	183.50	7,237.6	14.3	188.6	-3.0	6.15	6.13	-0.65
7,364.0	63.40	178.80	7,253.0	-13.7	188.1	24.9	18.61	13.44	-14.69
7,396.0	66.10	173.60	7,266.6	-42.6	190.0	53.8	16.94	8.44	-16.25
7,427.0	69.40	171.60	7,278.3	-71.0	193.7	82.5	12.20	10.65	-6.45
7,459.0	74.80	170.10	7,288.2	-101.1	198.6	112.7	17.45	16.88	-4.69
7,491.0	80.20	169.20	7,295.1	-131.8	204.2	143.8	17.10	16.88	-2.81
7,522.0	84.30	168.90	7,299.3	-162.0	210.0	174.2	13.26	13.23	-0.97
7,544.0	87.30	169.60	7,300.9	-183.5	214.1	196.0	14.00	13.64	3.18
7,551.0	88.00	169.50	7,301.2	-190.4	215.4	202.9	10.10	10.00	-1.43
7,583.0	90.50	169.90	7,301.6	-221.9	221.1	234.7	7.91	7.81	1.25
7,587.0	90.50	169.93	7,301.6	-225.8	221.8	238.6	0.62	0.00	0.63
7"									
7,615.0	90.50	170.10	7,301.3	-253.4	226.7	266.4	0.62	0.00	0.63
7,651.0	90.39	170.59	7,301.0	-288.8	232.7	302.2	1.40	-0.32	1.37
M 0659CDH LP									
7,710.0	90.20	171.40	7,300.7	-347.1	241.9	361.0	1.40	-0.32	1.37

Survey Report

Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Well Merritt 6-66-9-0659CDH
Project:	WELD COUNTY, COLORADO	TVD Reference:	Revised @ 4844.0usft (Nabors #22)
Site:	Merritt 6-66-9 Pad	MD Reference:	Revised @ 4844.0usft (Nabors #22)
Well:	Merritt 6-66-9-0659CDH	North Reference:	True
Wellbore:	Nabors #M22	Survey Calculation Method:	Minimum Curvature
Design:	Nabors #M22	Database:	Rocky Mountain R5000 Database

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
7,805.0	89.90	171.70	7,300.7	-441.1	255.9	455.6	0.45	-0.32	0.32	
7,899.0	89.80	175.50	7,300.9	-534.5	266.4	549.4	4.04	-0.11	4.04	
7,995.0	91.10	177.10	7,300.1	-630.3	272.6	645.4	2.15	1.35	1.67	
8,090.0	91.60	177.20	7,297.9	-725.2	277.3	740.4	0.54	0.53	0.11	
8,186.0	89.80	179.40	7,296.7	-821.1	280.1	836.3	2.96	-1.88	2.29	
8,281.0	90.70	180.10	7,296.3	-916.1	280.6	931.2	1.20	0.95	0.74	
8,377.0	90.80	180.20	7,295.1	-1,012.1	280.3	1,027.0	0.15	0.10	0.10	
8,472.0	91.10	179.40	7,293.5	-1,107.1	280.6	1,121.8	0.90	0.32	-0.84	
8,567.0	89.80	181.30	7,292.7	-1,202.1	280.1	1,216.6	2.42	-1.37	2.00	
8,662.0	90.00	181.50	7,292.9	-1,297.0	277.7	1,311.3	0.30	0.21	0.21	
8,757.0	90.50	181.40	7,292.5	-1,392.0	275.3	1,405.9	0.54	0.53	-0.11	
8,852.0	90.40	180.60	7,291.8	-1,487.0	273.7	1,500.7	0.85	-0.11	-0.84	
8,948.0	90.30	180.70	7,291.2	-1,583.0	272.6	1,596.4	0.15	-0.10	0.10	
9,044.0	89.90	180.70	7,291.0	-1,679.0	271.4	1,692.2	0.42	-0.42	0.00	
9,139.0	92.70	181.50	7,288.8	-1,773.9	269.6	1,786.8	3.07	2.95	0.84	
9,234.0	93.50	181.50	7,283.7	-1,868.7	267.1	1,881.3	0.84	0.84	0.00	
9,329.0	90.30	180.90	7,280.6	-1,963.7	265.1	1,976.0	3.43	-3.37	-0.63	
9,425.0	93.00	181.40	7,277.8	-2,059.6	263.2	2,071.6	2.86	2.81	0.52	
9,519.0	93.60	180.90	7,272.4	-2,153.4	261.3	2,165.2	0.83	0.64	-0.53	
9,614.0	89.80	180.80	7,269.6	-2,248.3	259.9	2,259.8	4.00	-4.00	-0.11	
9,710.0	90.30	180.70	7,269.5	-2,344.3	258.6	2,355.6	0.53	0.52	-0.10	
9,806.0	91.10	180.80	7,268.3	-2,440.3	257.4	2,451.3	0.84	0.83	0.10	
9,900.0	91.40	180.80	7,266.3	-2,534.3	256.1	2,545.0	0.32	0.32	0.00	
9,994.0	90.40	180.10	7,264.8	-2,628.3	255.3	2,638.8	1.30	-1.06	-0.74	
10,089.0	87.90	180.10	7,266.2	-2,723.2	255.2	2,733.6	2.63	-2.63	0.00	
10,184.0	88.50	180.40	7,269.2	-2,818.2	254.8	2,828.4	0.71	0.63	0.32	
10,279.0	90.40	180.10	7,270.1	-2,913.2	254.3	2,923.2	2.02	2.00	-0.32	
10,374.0	89.50	179.90	7,270.2	-3,008.2	254.3	3,018.0	0.97	-0.95	-0.21	
10,469.0	91.30	180.00	7,269.5	-3,103.2	254.4	3,112.8	1.90	1.89	0.11	
10,564.0	91.70	179.90	7,267.0	-3,198.1	254.5	3,207.6	0.43	0.42	-0.11	
10,659.0	88.30	178.80	7,267.0	-3,293.1	255.6	3,302.5	3.76	-3.58	-1.16	
10,755.0	88.00	178.60	7,270.1	-3,389.1	257.8	3,398.4	0.38	-0.31	-0.21	
10,850.0	87.30	177.90	7,274.0	-3,483.9	260.7	3,493.3	1.04	-0.74	-0.74	
10,944.0	87.00	177.60	7,278.7	-3,577.7	264.3	3,587.1	0.45	-0.32	-0.32	
11,039.0	87.60	177.30	7,283.2	-3,672.5	268.6	3,682.0	0.71	0.63	-0.32	
11,134.0	91.50	177.80	7,283.9	-3,767.4	272.6	3,777.0	4.14	4.11	0.53	
11,229.0	92.70	177.90	7,280.4	-3,862.3	276.2	3,871.9	1.27	1.26	0.11	
11,324.0	91.40	177.50	7,277.0	-3,957.2	280.0	3,966.8	1.43	-1.37	-0.42	
11,419.0	89.60	177.20	7,276.2	-4,052.0	284.4	4,061.8	1.92	-1.89	-0.32	
11,515.0	89.00	177.10	7,277.4	-4,147.9	289.2	4,157.8	0.63	-0.63	-0.10	
11,610.0	88.90	176.90	7,279.1	-4,242.8	294.1	4,252.8	0.24	-0.11	-0.21	
11,705.0	88.80	177.10	7,281.0	-4,337.6	299.1	4,347.7	0.24	-0.11	0.21	
11,801.0	89.30	176.60	7,282.6	-4,433.5	304.4	4,443.7	0.74	0.52	-0.52	
11,832.0	89.30	176.70	7,283.0	-4,464.4	306.2	4,474.7	0.32	0.00	0.32	

Survey Report

Company:	BILL BARRETT CORP	Local Co-ordinate Reference:	Well Merritt 6-66-9-0659CDH
Project:	WELD COUNTY, COLORADO	TVD Reference:	Revised @ 4844.0usft (Nabors #22)
Site:	Merritt 6-66-9 Pad	MD Reference:	Revised @ 4844.0usft (Nabors #22)
Well:	Merritt 6-66-9-0659CDH	North Reference:	True
Wellbore:	Nabors #M22	Survey Calculation Method:	Minimum Curvature
Design:	Nabors #M22	Database:	Rocky Mountain R5000 Database

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
11,882.6	89.30	176.70	7,283.6	-4,514.9	309.1	4,525.3	0.00	0.00	0.00	
M 0659CDH PBHL										
11,885.0	89.30	176.70	7,283.6	-4,517.3	309.2	4,527.7	0.00	0.00	0.00	
Projected Survey to 11,885' MD										

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
7,587.0	7,301.6	7"	7	8-3/4	

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
11,885.0	7,283.6	-4,517.3	309.2	Projected Survey to 11,885' MD	

Checked By: _____ Approved By: _____ Date: _____