

BILL BARRETT CORP

DOLORES COUNTY, COLORADO

SECTION 11T39N R18W

Daves 3N-1139-18

Daves 3N-1139-18

Plan: Daves 3N_BBC_DRS_5-13-10

Standard Planning Report - Geographic

25 May, 2010

BBC

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Daves 3N-11-39-18
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 6701.10ft (Original Well Elev)
Project:		MD Reference:	WELL @ 6701.10ft (Original Well Elev)
Site:	SECTION 11 T39N R18W	North Reference:	Grid
Well:	Daves 3N-11-39-18	Survey Calculation Method:	Minimum Curvature
Wellbore:	Daves 3N-11-39-18		
Design:	Daves 3N_BBC_DRS_5-13-10		

Project	MONTEZUMA COUNTY, COLORADO		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Ground Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	Colorado South 503		

Site	SECTION 11 T39N R18W, Johnson		
Site Position:		Northing:	378,248.429 ft
From:	Lat/Long	Easting:	1,043,901.812 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	37° 39' 32.616 N
		Longitude:	108° 48' 12.3840 W
		Grid Convergence:	-2.03 °

Well	Daves 3N-11-39-18		
Well Position	+N/-S	-0.33 ft	Northing: 378,248.101 ft
	+E/-W	8.68 ft	Easting: 1,043,910.491 ft
Position Uncertainty		0.00 ft	Wellhead Elevation: 6,701.00 ft
			Ground Level: 0.00 ft

Wellbore	Daves 3N-11-39-18				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	12/31/2009	10.61	64.09	51,231

Design	Daves 3N_BBC_DRS_5-13-10				
Audit Notes:					
Version:	1	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	3.85	

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,423.53	0.00	0.00	5,423.53	0.00	0.00	0.00	0.00	0.00	0.00	
6,173.54	90.00	3.85	5,901.00	476.39	32.08	12.00	12.00	0.00	3.85	
12,324.73	90.00	3.85	5,901.00	6,613.68	445.39	0.00	0.00	0.00	0.00	PBHL Daves 3N-11

BBC

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Daves 3N-11-39-18
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 6701.10ft (Original Well Elev)
Project:		MD Reference:	WELL @ 6701.10ft (Original Well Elev)
Site:	SECTION 11 T39N R18W	North Reference:	Grid
Well:	Daves 3N-11-39-18	Survey Calculation Method:	Minimum Curvature
Wellbore:	Daves 3N-11-39-18		
Design:	Daves 3N_BBC_DRS_5-13-10		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
100.00	0.00	0.00	100.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
200.00	0.00	0.00	200.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
300.00	0.00	0.00	300.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
400.00	0.00	0.00	400.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
500.00	0.00	0.00	500.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
600.00	0.00	0.00	600.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
700.00	0.00	0.00	700.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
800.00	0.00	0.00	800.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
900.00	0.00	0.00	900.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
1,000.00	0.00	0.00	1,000.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
1,100.00	0.00	0.00	1,100.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
1,111.00	0.00	0.00	1,111.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
Entrada									
1,200.00	0.00	0.00	1,200.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
1,300.00	0.00	0.00	1,300.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
1,400.00	0.00	0.00	1,400.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
1,500.00	0.00	0.00	1,500.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
1,570.00	0.00	0.00	1,570.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
Chinle									
1,600.00	0.00	0.00	1,600.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
1,700.00	0.00	0.00	1,700.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
1,800.00	0.00	0.00	1,800.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
1,900.00	0.00	0.00	1,900.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
2,000.00	0.00	0.00	2,000.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
9 5/8"									
2,100.00	0.00	0.00	2,100.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
2,200.00	0.00	0.00	2,200.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
2,300.00	0.00	0.00	2,300.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
2,400.00	0.00	0.00	2,400.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
2,500.00	0.00	0.00	2,500.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
2,600.00	0.00	0.00	2,600.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
2,700.00	0.00	0.00	2,700.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
2,800.00	0.00	0.00	2,800.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
2,900.00	0.00	0.00	2,900.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
3,000.00	0.00	0.00	3,000.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
3,100.00	0.00	0.00	3,100.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
3,200.00	0.00	0.00	3,200.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
3,300.00	0.00	0.00	3,300.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
3,400.00	0.00	0.00	3,400.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
3,500.00	0.00	0.00	3,500.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
3,600.00	0.00	0.00	3,600.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
3,700.00	0.00	0.00	3,700.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
3,800.00	0.00	0.00	3,800.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
3,900.00	0.00	0.00	3,900.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
4,000.00	0.00	0.00	4,000.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
4,060.00	0.00	0.00	4,060.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
Hermosa									
4,100.00	0.00	0.00	4,100.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
4,200.00	0.00	0.00	4,200.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
4,300.00	0.00	0.00	4,300.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
4,400.00	0.00	0.00	4,400.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
4,500.00	0.00	0.00	4,500.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
4,600.00	0.00	0.00	4,600.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W

BBC

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Daves 3N-11-39-18
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 6701.10ft (Original Well Elev)
Project:		MD Reference:	WELL @ 6701.10ft (Original Well Elev)
Site:	SECTION 11 T39N R18W	North Reference:	Grid
Well:	Daves 3N-11-39-18	Survey Calculation Method:	Minimum Curvature
Wellbore:	Daves 3N-11-39-18		
Design:	Daves 3N_BBC_DRS_5-13-10		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude
4,700.00	0.00	0.00	4,700.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
4,800.00	0.00	0.00	4,800.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
4,900.00	0.00	0.00	4,900.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
5,000.00	0.00	0.00	5,000.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
5,100.00	0.00	0.00	5,100.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
5,200.00	0.00	0.00	5,200.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
5,300.00	0.00	0.00	5,300.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
5,400.00	0.00	0.00	5,400.00	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
5,423.53	0.00	0.00	5,423.53	0.00	0.00	378,248.101	1,043,910.491	37° 39' 32.616 N	108° 48' 12.2760 W
5,500.00	9.18	3.85	5,499.67	6.10	0.41	378,254.197	1,043,910.901	37° 39' 32.676 N	108° 48' 12.2736 W
5,600.00	21.18	3.85	5,596.01	32.17	2.17	378,280.269	1,043,912.657	37° 39' 32.934 N	108° 48' 12.2632 W
5,700.00	33.18	3.85	5,684.81	77.65	5.23	378,325.755	1,043,915.720	37° 39' 33.385 N	108° 48' 12.2452 W
5,708.64	34.21	3.85	5,692.00	82.44	5.55	378,330.539	1,043,916.042	37° 39' 33.432 N	108° 48' 12.2433 W
Hatch									
5,734.53	37.32	3.85	5,713.00	97.53	6.57	378,345.631	1,043,917.059	37° 39' 33.582 N	108° 48' 12.2373 W
Ismay									
5,800.00	45.18	3.85	5,762.19	140.57	9.47	378,388.667	1,043,919.957	37° 39' 34.008 N	108° 48' 12.2202 W
5,804.01	45.66	3.85	5,765.00	143.41	9.66	378,391.514	1,043,920.149	37° 39' 34.036 N	108° 48' 12.2190 W
Hovenweep									
5,823.00	47.94	3.85	5,778.00	157.22	10.59	378,405.324	1,043,921.079	37° 39' 34.173 N	108° 48' 12.2135 W
Lower Ismay									
5,900.00	57.18	3.85	5,824.77	218.15	14.69	378,466.256	1,043,925.182	37° 39' 34.776 N	108° 48' 12.1893 W
5,911.72	58.58	3.85	5,831.00	228.06	15.36	378,476.162	1,043,925.849	37° 39' 34.875 N	108° 48' 12.1854 W
Gothic									
6,000.00	69.18	3.85	5,869.81	307.03	20.68	378,555.131	1,043,931.167	37° 39' 35.657 N	108° 48' 12.1540 W
6,100.00	81.18	3.85	5,895.35	403.31	27.16	378,651.407	1,043,937.651	37° 39' 36.610 N	108° 48' 12.1158 W
6,173.54	90.00	3.85	5,901.00	476.39	32.08	378,724.487	1,043,942.573	37° 39' 37.334 N	108° 48' 12.0867 W
6,200.00	90.00	3.85	5,901.00	502.79	33.86	378,750.892	1,043,944.351	37° 39' 37.596 N	108° 48' 12.0763 W
6,300.00	90.00	3.85	5,901.00	602.57	40.58	378,850.665	1,043,951.070	37° 39' 38.584 N	108° 48' 12.0366 W
6,400.00	90.00	3.85	5,901.00	702.34	47.30	378,950.439	1,043,957.789	37° 39' 39.572 N	108° 48' 11.9970 W
6,500.00	90.00	3.85	5,901.00	802.11	54.02	379,050.213	1,043,964.508	37° 39' 40.560 N	108° 48' 11.9573 W
6,600.00	90.00	3.85	5,901.00	901.89	60.74	379,149.987	1,043,971.227	37° 39' 41.548 N	108° 48' 11.9177 W
6,700.00	90.00	3.85	5,901.00	1,001.66	67.46	379,249.761	1,043,977.947	37° 39' 42.537 N	108° 48' 11.8781 W
6,800.00	90.00	3.85	5,901.00	1,101.44	74.18	379,349.534	1,043,984.666	37° 39' 43.525 N	108° 48' 11.8384 W
6,900.00	90.00	3.85	5,901.00	1,201.21	80.89	379,449.308	1,043,991.385	37° 39' 44.513 N	108° 48' 11.7988 W
7,000.00	90.00	3.85	5,901.00	1,300.98	87.61	379,549.082	1,043,998.104	37° 39' 45.501 N	108° 48' 11.7591 W
7,100.00	90.00	3.85	5,901.00	1,400.76	94.33	379,648.856	1,044,004.823	37° 39' 46.489 N	108° 48' 11.7195 W
7,200.00	90.00	3.85	5,901.00	1,500.53	101.05	379,748.630	1,044,011.543	37° 39' 47.478 N	108° 48' 11.6799 W
7,300.00	90.00	3.85	5,901.00	1,600.31	107.77	379,848.403	1,044,018.262	37° 39' 48.466 N	108° 48' 11.6402 W
7,400.00	90.00	3.85	5,901.00	1,700.08	114.49	379,948.177	1,044,024.981	37° 39' 49.454 N	108° 48' 11.6006 W
7,500.00	90.00	3.85	5,901.00	1,799.85	121.21	380,047.951	1,044,031.700	37° 39' 50.442 N	108° 48' 11.5609 W
7,600.00	90.00	3.85	5,901.00	1,899.63	127.93	380,147.725	1,044,038.419	37° 39' 51.430 N	108° 48' 11.5213 W
7,700.00	90.00	3.85	5,901.00	1,999.40	134.65	380,247.499	1,044,045.138	37° 39' 52.419 N	108° 48' 11.4817 W
7,800.00	90.00	3.85	5,901.00	2,099.18	141.37	380,347.272	1,044,051.858	37° 39' 53.407 N	108° 48' 11.4420 W
7,900.00	90.00	3.85	5,901.00	2,198.95	148.09	380,447.046	1,044,058.577	37° 39' 54.395 N	108° 48' 11.4024 W
8,000.00	90.00	3.85	5,901.00	2,298.72	154.81	380,546.820	1,044,065.296	37° 39' 55.383 N	108° 48' 11.3627 W
8,100.00	90.00	3.85	5,901.00	2,398.50	161.52	380,646.594	1,044,072.015	37° 39' 56.371 N	108° 48' 11.3231 W
8,200.00	90.00	3.85	5,901.00	2,498.27	168.24	380,746.368	1,044,078.734	37° 39' 57.360 N	108° 48' 11.2834 W
8,300.00	90.00	3.85	5,901.00	2,598.05	174.96	380,846.142	1,044,085.454	37° 39' 58.348 N	108° 48' 11.2438 W
8,400.00	90.00	3.85	5,901.00	2,697.82	181.68	380,945.915	1,044,092.173	37° 39' 59.336 N	108° 48' 11.2042 W
8,500.00	90.00	3.85	5,901.00	2,797.59	188.40	381,045.689	1,044,098.892	37° 40' 0.324 N	108° 48' 11.1645 W
8,600.00	90.00	3.85	5,901.00	2,897.37	195.12	381,145.463	1,044,105.611	37° 40' 1.312 N	108° 48' 11.1249 W
8,700.00	90.00	3.85	5,901.00	2,997.14	201.84	381,245.237	1,044,112.330	37° 40' 2.301 N	108° 48' 11.0852 W
8,800.00	90.00	3.85	5,901.00	3,096.92	208.56	381,345.011	1,044,119.049	37° 40' 3.289 N	108° 48' 11.0456 W

BBC

Planning Report - Geographic

Database:	Compass	Local Co-ordinate Reference:	Well Daves 3N-11-39-18
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 6701.10ft (Original Well Elev)
Project:		MD Reference:	WELL @ 6701.10ft (Original Well Elev)
Site:	SECTION 11 T39N R18W	North Reference:	Grid
Well:	Daves 3N-11-39-18	Survey Calculation Method:	Minimum Curvature
Wellbore:	Daves 3N-11-39-18		
Design:	Daves 3N_BBC_DRS_5-13-10		

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Map Northing (ft)	Map Easting (ft)	Latitude	Longitude	
8,900.00	90.00	3.85	5,901.00	3,196.69	215.28	381,444.784	1,044,125.769	37° 40' 4.277 N	108° 48' 11.0059 W	
9,000.00	90.00	3.85	5,901.00	3,296.46	222.00	381,544.558	1,044,132.488	37° 40' 5.265 N	108° 48' 10.9663 W	
9,100.00	90.00	3.85	5,901.00	3,396.24	228.72	381,644.332	1,044,139.207	37° 40' 6.253 N	108° 48' 10.9266 W	
9,200.00	90.00	3.85	5,901.00	3,496.01	235.44	381,744.106	1,044,145.926	37° 40' 7.241 N	108° 48' 10.8870 W	
9,300.00	90.00	3.85	5,901.00	3,595.79	242.16	381,843.880	1,044,152.645	37° 40' 8.230 N	108° 48' 10.8473 W	
9,400.00	90.00	3.85	5,901.00	3,695.56	248.87	381,943.653	1,044,159.365	37° 40' 9.218 N	108° 48' 10.8077 W	
9,500.00	90.00	3.85	5,901.00	3,795.33	255.59	382,043.427	1,044,166.084	37° 40' 10.206 N	108° 48' 10.7681 W	
9,600.00	90.00	3.85	5,901.00	3,895.11	262.31	382,143.201	1,044,172.803	37° 40' 11.194 N	108° 48' 10.7284 W	
9,700.00	90.00	3.85	5,901.00	3,994.88	269.03	382,242.975	1,044,179.522	37° 40' 12.182 N	108° 48' 10.6888 W	
9,800.00	90.00	3.85	5,901.00	4,094.66	275.75	382,342.749	1,044,186.241	37° 40' 13.171 N	108° 48' 10.6491 W	
9,900.00	90.00	3.85	5,901.00	4,194.43	282.47	382,442.522	1,044,192.960	37° 40' 14.159 N	108° 48' 10.6095 W	
10,000.00	90.00	3.85	5,901.00	4,294.20	289.19	382,542.296	1,044,199.680	37° 40' 15.147 N	108° 48' 10.5698 W	
10,100.00	90.00	3.85	5,901.00	4,393.98	295.91	382,642.070	1,044,206.399	37° 40' 16.135 N	108° 48' 10.5302 W	
10,200.00	90.00	3.85	5,901.00	4,493.75	302.63	382,741.844	1,044,213.118	37° 40' 17.123 N	108° 48' 10.4905 W	
10,300.00	90.00	3.85	5,901.00	4,593.53	309.35	382,841.618	1,044,219.837	37° 40' 18.112 N	108° 48' 10.4509 W	
10,400.00	90.00	3.85	5,901.00	4,693.30	316.07	382,941.391	1,044,226.556	37° 40' 19.100 N	108° 48' 10.4112 W	
10,500.00	90.00	3.85	5,901.00	4,793.07	322.79	383,041.165	1,044,233.275	37° 40' 20.088 N	108° 48' 10.3716 W	
10,600.00	90.00	3.85	5,901.00	4,892.85	329.50	383,140.939	1,044,239.995	37° 40' 21.076 N	108° 48' 10.3319 W	
10,700.00	90.00	3.85	5,901.00	4,992.62	336.22	383,240.713	1,044,246.714	37° 40' 22.064 N	108° 48' 10.2923 W	
10,800.00	90.00	3.85	5,901.00	5,092.40	342.94	383,340.487	1,044,253.433	37° 40' 23.053 N	108° 48' 10.2526 W	
10,900.00	90.00	3.85	5,901.00	5,192.17	349.66	383,440.261	1,044,260.152	37° 40' 24.041 N	108° 48' 10.2130 W	
11,000.00	90.00	3.85	5,901.00	5,291.94	356.38	383,540.034	1,044,266.871	37° 40' 25.029 N	108° 48' 10.1733 W	
11,100.00	90.00	3.85	5,901.00	5,391.72	363.10	383,639.808	1,044,273.591	37° 40' 26.017 N	108° 48' 10.1337 W	
11,200.00	90.00	3.85	5,901.00	5,491.49	369.82	383,739.582	1,044,280.310	37° 40' 27.005 N	108° 48' 10.0940 W	
11,300.00	90.00	3.85	5,901.00	5,591.27	376.54	383,839.356	1,044,287.029	37° 40' 27.994 N	108° 48' 10.0543 W	
11,400.00	90.00	3.85	5,901.00	5,691.04	383.26	383,939.130	1,044,293.748	37° 40' 28.982 N	108° 48' 10.0147 W	
11,500.00	90.00	3.85	5,901.00	5,790.81	389.98	384,038.903	1,044,300.467	37° 40' 29.970 N	108° 48' 9.9750 W	
11,600.00	90.00	3.85	5,901.00	5,890.59	396.70	384,138.677	1,044,307.186	37° 40' 30.958 N	108° 48' 9.9354 W	
11,700.00	90.00	3.85	5,901.00	5,990.36	403.42	384,238.451	1,044,313.906	37° 40' 31.946 N	108° 48' 9.8957 W	
11,800.00	90.00	3.85	5,901.00	6,090.14	410.13	384,338.225	1,044,320.625	37° 40' 32.935 N	108° 48' 9.8561 W	
11,900.00	90.00	3.85	5,901.00	6,189.91	416.85	384,437.999	1,044,327.344	37° 40' 33.923 N	108° 48' 9.8164 W	
12,000.00	90.00	3.85	5,901.00	6,289.68	423.57	384,537.772	1,044,334.063	37° 40' 34.911 N	108° 48' 9.7768 W	
12,100.00	90.00	3.85	5,901.00	6,389.46	430.29	384,637.546	1,044,340.782	37° 40' 35.899 N	108° 48' 9.7371 W	
12,200.00	90.00	3.85	5,901.00	6,489.23	437.01	384,737.320	1,044,347.502	37° 40' 36.887 N	108° 48' 9.6975 W	
12,300.00	90.00	3.85	5,901.00	6,589.01	443.73	384,837.094	1,044,354.221	37° 40' 37.876 N	108° 48' 9.6578 W	
12,324.00	90.00	3.85	5,901.00	6,612.95	445.34	384,861.040	1,044,355.833	37° 40' 38.113 N	108° 48' 9.6483 W	
4 1/2"										
12,324.73	90.00	3.85	5,901.00	6,613.68	445.39	384,861.766	1,044,355.882	37° 40' 38.120 N	108° 48' 9.6480 W	
PBHL Daves 3N-11-39-18										

Casing Points					
Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")	
2,000.00	2,000.00	9 5/8"	9-5/8	12-1/4	
12,324.00	5,901.00	4 1/2"	4-1/2	6-1/8	

BBC

Planning Report - Geographic

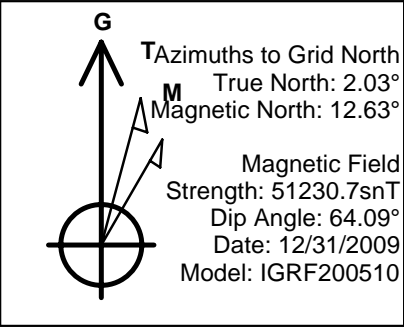
Database:	Compass	Local Co-ordinate Reference:	Well Daves 3N-11-39-18
Company:	BILL BARRETT CORP	TVD Reference:	WELL @ 6701.10ft (Original Well Elev)
Project:		MD Reference:	WELL @ 6701.10ft (Original Well Elev)
Site:	SECTION 11 T39N R18W	North Reference:	Grid
Well:	Daves 3N-11-39-18	Survey Calculation Method:	Minimum Curvature
Wellbore:	Daves 3N-11-39-18		
Design:	Daves 3N_BBC_DRS_5-13-10		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
1,111.00	1,111.00	Entrada		0.00		
1,570.00	1,570.00	Chinle		0.00		
4,060.00	4,060.00	Hermosa		0.00		
5,708.64	5,692.00	Hatch		0.00		
5,734.53	5,713.00	Ismay		0.00		
5,804.01	5,765.00	Hovenweep		0.00		
5,823.00	5,778.00	Lower Ismay		0.00		
5,911.72	5,831.00	Gothic		0.00		
	5,966.00	Desert Creek		0.00		

COMPANY DETAILS: BILL BARRETT CORP			
Calculation Method: Minimum Curvature Error System: ISCWSA Scan Method: Closest Approach 3D Error Surface: Elliptical Conic Warning Method: Error Ratio			

WELL DETAILS: Daves 3N-11-39-18						
Ground Level: 0.00		Latitude 37° 39' 32.6148" N		Longitude 102° 14' 12.2760" W		Slot
+N/-S	+E/-W	Northing	Easting			
-0.33	8.68	378248.101	1043910.491			

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	-0.33	8.68	0.00	0.00	0.00	
2	423.53	0.00	0.00	5423.53	-0.33	8.68	0.00	0.00	0.00	
3	173.54	90.00	3.85	5901.00	476.06	40.76	12.00	3.85	477.47	
4	324.73	90.00	3.85	5901.00	6613.35	454.07	0.00	0.00	6628.66	PBHL Daves 3N-11-39-18



WELLBORE TARGET DETAILS (MAP CO-ORDINATES)							
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape	
PBHL Daves 3N-11-39-18	5901.00	6613.35	454.07	384861.766	1044355.882	Rectangle (Sides: L6631.00 W100.00)	

CASING DETAILS			
TVD	MD	Name	Size
2000.00	2000.00	9 5/8"	9-5/8"
5901.00	12324.00	4 1/2"	4-1/2"

FORMATION TOP DETAILS		
TVD	MD	Formation
1111.00	1111.00	Desert Creek
1570.00	1570.00	Entrada
4060.00	4060.00	Chinle
5692.00	5708.64	Hermosa
5713.00	5734.53	Hatch
5765.00	5804.01	Ismay
5778.00	5823.00	Hovenweep
5831.00	5911.72	Lower Ismay
		Gothic

