

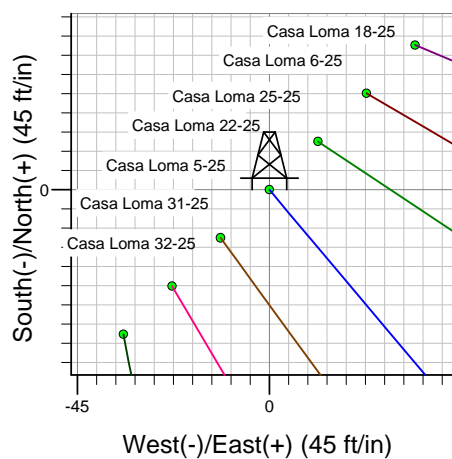
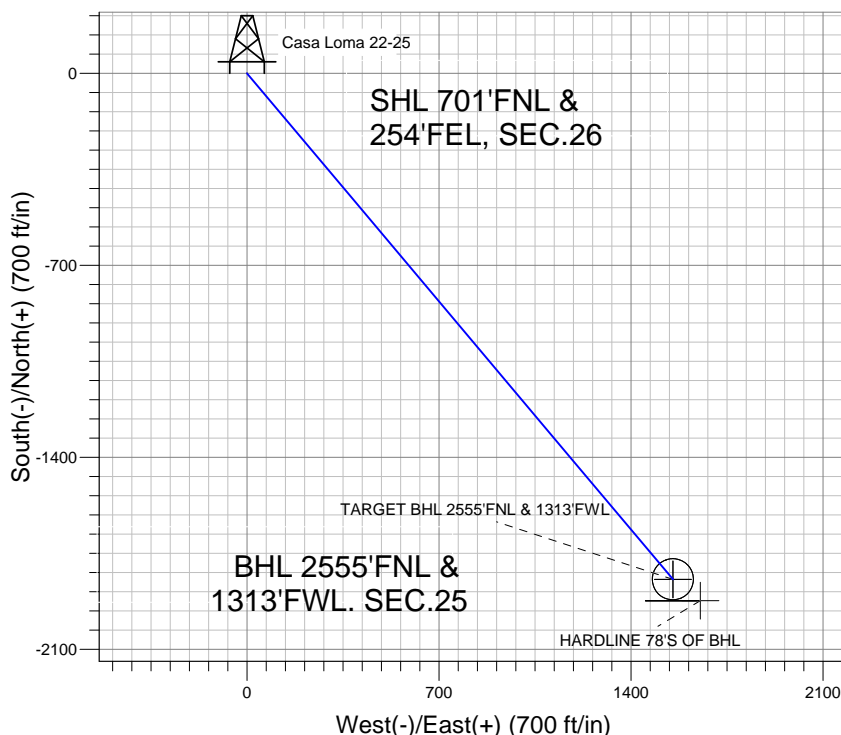
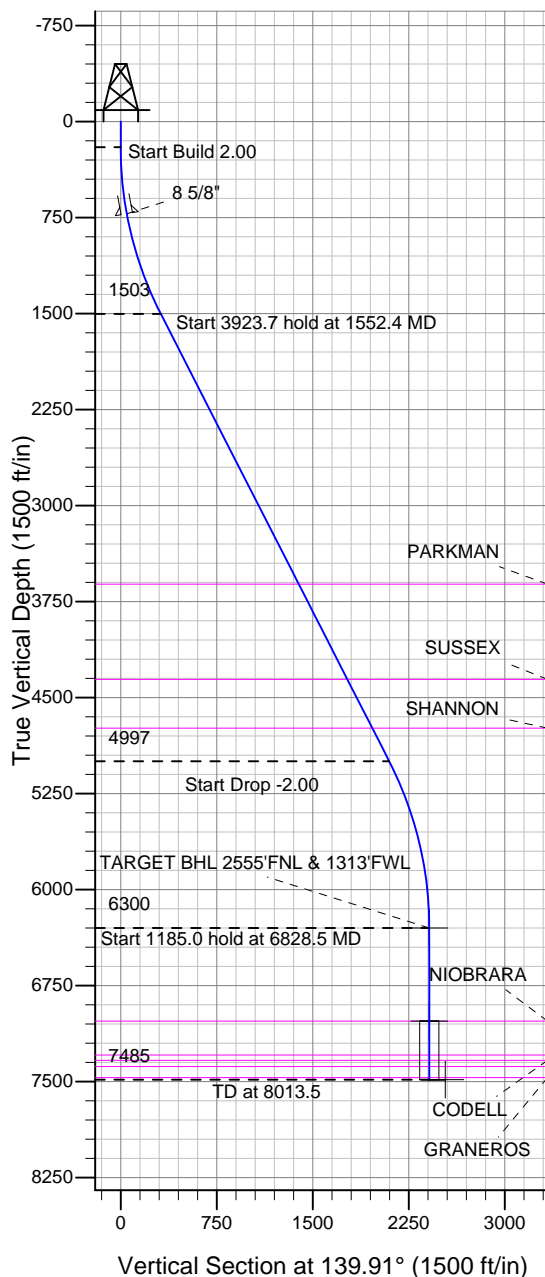
### Well Name: Casa Loma 22-25

Surface Location: Casa Loma 8 Pad Sec.26-T7N-R67W  
North American Datum 1983 , US State Plane 1983 , Colorado Northern Zone

Ground Elevation: 4952.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1444025.24	3180125.40	40.550442	-104.851810	
Original Well Elev WELL @ 4968.0ft (Original Well Elev)						

## BAYSWATER EXPLORATION & PRODUCTION



Casa Loma 8 Pad Sec.26-T7N-R67W  
Casa Loma 22-25  
Plan #1 (7-16-12)  
11:26, July 23 2012



Azimuths to True North  
Magnetic North: 8.78°  
Magnetic Field  
Strength: 53085.2snT  
Dip Angle: 67.12°  
Date: 7/16/2012  
Model: IGRF2010

### WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 2555'FNL & 1313'FWL	6300.0	-1844.5	1552.5	40.545379	-104.846224	Point
TARGET CIRCLE 2555'FNL & 1313'FWL	7028.0	-1844.5	1552.5	40.545379	-104.846224	Circle (Radius: 75.0)
HARDLINE 78'S OF BHL	7485.0	-1922.5	1652.5	40.545165	-104.845864	Polygon

### SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.0	
3	1552.4	27.05	139.91	1502.7	-239.7	201.8	2.00	139.91	313.3	
4	5476.1	27.05	139.91	4997.3	-1604.8	1350.7	0.00	0.00	2097.6	
5	6828.5	0.00	0.00	6300.0	-1844.5	1552.5	2.00	180.00	2410.9	TARGET BHL 2555'FNL & 1313'FWL
6	8013.5	0.00	0.00	7485.0	-1844.5	1552.5	0.00	0.00	2410.9	



# **BAYSWATER EXPLORATION & PRODUCTION**

**SEC.26-T7N-R67W**

**Casa Loma 8 Pad Sec.26-T7N-R67W**

**Casa Loma 22-25**

**Wellbore #1**

**Plan: Plan #1 (7-16-12)**

## **Standard Planning Report**

**23 July, 2012**

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,552.4	27.05	139.91	1,502.7	-239.7	201.8	2.00	2.00	0.00	139.91	
5,476.1	27.05	139.91	4,997.3	-1,604.8	1,350.7	0.00	0.00	0.00	0.00	
6,828.5	0.00	0.00	6,300.0	-1,844.5	1,552.5	2.00	-2.00	0.00	180.00	TARGET BHL 2555
8,013.5	0.00	0.00	7,485.0	-1,844.5	1,552.5	0.00	0.00	0.00	0.00	

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Project:</b>	SEC.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>North Reference:</b>	True
<b>Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-16-12)		

#### Planned 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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
40.0	0.00	0.00	40.0	0.0	0.0	0.0	0.00	0.00	0.00
80.0	0.00	0.00	80.0	0.0	0.0	0.0	0.00	0.00	0.00
120.0	0.00	0.00	120.0	0.0	0.0	0.0	0.00	0.00	0.00
160.0	0.00	0.00	160.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
240.0	0.80	139.91	240.0	-0.2	0.2	0.3	2.00	2.00	0.00
280.0	1.60	139.91	280.0	-0.9	0.7	1.1	2.00	2.00	0.00
320.0	2.40	139.91	320.0	-1.9	1.6	2.5	2.00	2.00	0.00
360.0	3.20	139.91	359.9	-3.4	2.9	4.5	2.00	2.00	0.00
400.0	4.00	139.91	399.8	-5.3	4.5	7.0	2.00	2.00	0.00
440.0	4.80	139.91	439.7	-7.7	6.5	10.0	2.00	2.00	0.00
480.0	5.60	139.91	479.6	-10.5	8.8	13.7	2.00	2.00	0.00
520.0	6.40	139.91	519.3	-13.7	11.5	17.9	2.00	2.00	0.00
560.0	7.20	139.91	559.1	-17.3	14.5	22.6	2.00	2.00	0.00
600.0	8.00	139.91	598.7	-21.3	18.0	27.9	2.00	2.00	0.00
640.0	8.80	139.91	638.3	-25.8	21.7	33.7	2.00	2.00	0.00
680.0	9.60	139.91	677.8	-30.7	25.8	40.1	2.00	2.00	0.00
720.0	10.40	139.91	717.1	-36.0	30.3	47.1	2.00	2.00	0.00
722.9	10.46	139.91	720.0	-36.4	30.6	47.6	2.00	2.00	0.00
8 5/8"									
760.0	11.20	139.91	756.4	-41.7	35.1	54.6	2.00	2.00	0.00
800.0	12.00	139.91	795.6	-47.9	40.3	62.6	2.00	2.00	0.00
840.0	12.80	139.91	834.7	-54.5	45.8	71.2	2.00	2.00	0.00
880.0	13.60	139.91	873.6	-61.5	51.7	80.3	2.00	2.00	0.00
920.0	14.40	139.91	912.4	-68.9	58.0	90.0	2.00	2.00	0.00
960.0	15.20	139.91	951.1	-76.7	64.5	100.2	2.00	2.00	0.00
1,000.0	16.00	139.91	989.6	-84.9	71.5	111.0	2.00	2.00	0.00
1,040.0	16.80	139.91	1,028.0	-93.5	78.7	122.3	2.00	2.00	0.00
1,080.0	17.60	139.91	1,066.2	-102.6	86.4	134.1	2.00	2.00	0.00
1,120.0	18.40	139.91	1,104.3	-112.1	94.3	146.5	2.00	2.00	0.00
1,160.0	19.20	139.91	1,142.1	-121.9	102.6	159.3	2.00	2.00	0.00
1,200.0	20.00	139.91	1,179.8	-132.2	111.3	172.8	2.00	2.00	0.00
1,240.0	20.80	139.91	1,217.3	-142.8	120.2	186.7	2.00	2.00	0.00
1,280.0	21.60	139.91	1,254.6	-153.9	129.5	201.2	2.00	2.00	0.00
1,320.0	22.40	139.91	1,291.7	-165.4	139.2	216.2	2.00	2.00	0.00
1,360.0	23.20	139.91	1,328.6	-177.2	149.2	231.7	2.00	2.00	0.00
1,400.0	24.00	139.91	1,365.2	-189.5	159.5	247.7	2.00	2.00	0.00
1,440.0	24.80	139.91	1,401.6	-202.1	170.1	264.2	2.00	2.00	0.00
1,480.0	25.60	139.91	1,437.8	-215.2	181.1	281.2	2.00	2.00	0.00
1,520.0	26.40	139.91	1,473.8	-228.6	192.4	298.8	2.00	2.00	0.00
1,552.4	27.05	139.91	1,502.7	-239.7	201.8	313.3	2.00	2.00	0.00
1,560.0	27.05	139.91	1,509.5	-242.4	204.0	316.8	0.00	0.00	0.00
1,600.0	27.05	139.91	1,545.1	-256.3	215.7	335.0	0.00	0.00	0.00
1,640.0	27.05	139.91	1,580.7	-270.2	227.4	353.2	0.00	0.00	0.00
1,680.0	27.05	139.91	1,616.4	-284.1	239.1	371.4	0.00	0.00	0.00
1,720.0	27.05	139.91	1,652.0	-298.0	250.8	389.5	0.00	0.00	0.00
1,760.0	27.05	139.91	1,687.6	-311.9	262.6	407.7	0.00	0.00	0.00
1,800.0	27.05	139.91	1,723.2	-325.9	274.3	425.9	0.00	0.00	0.00
1,840.0	27.05	139.91	1,758.9	-339.8	286.0	444.1	0.00	0.00	0.00
1,880.0	27.05	139.91	1,794.5	-353.7	297.7	462.3	0.00	0.00	0.00
1,920.0	27.05	139.91	1,830.1	-367.6	309.4	480.5	0.00	0.00	0.00
1,960.0	27.05	139.91	1,865.7	-381.5	321.1	498.7	0.00	0.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Project:</b>	SEC.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>North Reference:</b>	True
<b>Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-16-12)		

Planned 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)
2,000.0	27.05	139.91	1,901.4	-395.4	332.8	516.9	0.00	0.00	0.00
2,040.0	27.05	139.91	1,937.0	-409.4	344.5	535.1	0.00	0.00	0.00
2,080.0	27.05	139.91	1,972.6	-423.3	356.3	553.2	0.00	0.00	0.00
2,120.0	27.05	139.91	2,008.2	-437.2	368.0	571.4	0.00	0.00	0.00
2,160.0	27.05	139.91	2,043.9	-451.1	379.7	589.6	0.00	0.00	0.00
2,200.0	27.05	139.91	2,079.5	-465.0	391.4	607.8	0.00	0.00	0.00
2,240.0	27.05	139.91	2,115.1	-478.9	403.1	626.0	0.00	0.00	0.00
2,280.0	27.05	139.91	2,150.7	-492.9	414.8	644.2	0.00	0.00	0.00
2,320.0	27.05	139.91	2,186.4	-506.8	426.5	662.4	0.00	0.00	0.00
2,360.0	27.05	139.91	2,222.0	-520.7	438.3	680.6	0.00	0.00	0.00
2,400.0	27.05	139.91	2,257.6	-534.6	450.0	698.8	0.00	0.00	0.00
2,440.0	27.05	139.91	2,293.2	-548.5	461.7	717.0	0.00	0.00	0.00
2,480.0	27.05	139.91	2,328.9	-562.4	473.4	735.1	0.00	0.00	0.00
2,520.0	27.05	139.91	2,364.5	-576.4	485.1	753.3	0.00	0.00	0.00
2,560.0	27.05	139.91	2,400.1	-590.3	496.8	771.5	0.00	0.00	0.00
2,600.0	27.05	139.91	2,435.7	-604.2	508.5	789.7	0.00	0.00	0.00
2,640.0	27.05	139.91	2,471.4	-618.1	520.2	807.9	0.00	0.00	0.00
2,680.0	27.05	139.91	2,507.0	-632.0	532.0	826.1	0.00	0.00	0.00
2,720.0	27.05	139.91	2,542.6	-645.9	543.7	844.3	0.00	0.00	0.00
2,760.0	27.05	139.91	2,578.2	-659.8	555.4	862.5	0.00	0.00	0.00
2,800.0	27.05	139.91	2,613.9	-673.8	567.1	880.7	0.00	0.00	0.00
2,840.0	27.05	139.91	2,649.5	-687.7	578.8	898.8	0.00	0.00	0.00
2,880.0	27.05	139.91	2,685.1	-701.6	590.5	917.0	0.00	0.00	0.00
2,920.0	27.05	139.91	2,720.7	-715.5	602.2	935.2	0.00	0.00	0.00
2,960.0	27.05	139.91	2,756.4	-729.4	613.9	953.4	0.00	0.00	0.00
3,000.0	27.05	139.91	2,792.0	-743.3	625.7	971.6	0.00	0.00	0.00
3,040.0	27.05	139.91	2,827.6	-757.3	637.4	989.8	0.00	0.00	0.00
3,080.0	27.05	139.91	2,863.3	-771.2	649.1	1,008.0	0.00	0.00	0.00
3,120.0	27.05	139.91	2,898.9	-785.1	660.8	1,026.2	0.00	0.00	0.00
3,160.0	27.05	139.91	2,934.5	-799.0	672.5	1,044.4	0.00	0.00	0.00
3,200.0	27.05	139.91	2,970.1	-812.9	684.2	1,062.5	0.00	0.00	0.00
3,240.0	27.05	139.91	3,005.8	-826.8	695.9	1,080.7	0.00	0.00	0.00
3,280.0	27.05	139.91	3,041.4	-840.8	707.6	1,098.9	0.00	0.00	0.00
3,320.0	27.05	139.91	3,077.0	-854.7	719.4	1,117.1	0.00	0.00	0.00
3,360.0	27.05	139.91	3,112.6	-868.6	731.1	1,135.3	0.00	0.00	0.00
3,400.0	27.05	139.91	3,148.3	-882.5	742.8	1,153.5	0.00	0.00	0.00
3,440.0	27.05	139.91	3,183.9	-896.4	754.5	1,171.7	0.00	0.00	0.00
3,480.0	27.05	139.91	3,219.5	-910.3	766.2	1,189.9	0.00	0.00	0.00
3,520.0	27.05	139.91	3,255.1	-924.3	777.9	1,208.1	0.00	0.00	0.00
3,560.0	27.05	139.91	3,290.8	-938.2	789.6	1,226.2	0.00	0.00	0.00
3,600.0	27.05	139.91	3,326.4	-952.1	801.3	1,244.4	0.00	0.00	0.00
3,640.0	27.05	139.91	3,362.0	-966.0	813.1	1,262.6	0.00	0.00	0.00
3,680.0	27.05	139.91	3,397.6	-979.9	824.8	1,280.8	0.00	0.00	0.00
3,720.0	27.05	139.91	3,433.3	-993.8	836.5	1,299.0	0.00	0.00	0.00
3,760.0	27.05	139.91	3,468.9	-1,007.8	848.2	1,317.2	0.00	0.00	0.00
3,800.0	27.05	139.91	3,504.5	-1,021.7	859.9	1,335.4	0.00	0.00	0.00
3,840.0	27.05	139.91	3,540.1	-1,035.6	871.6	1,353.6	0.00	0.00	0.00
3,880.0	27.05	139.91	3,575.8	-1,049.5	883.3	1,371.8	0.00	0.00	0.00
3,920.0	27.05	139.91	3,611.4	-1,063.4	895.0	1,390.0	0.00	0.00	0.00
3,921.8	27.05	139.91	3,613.0	-1,064.0	895.6	1,390.8	0.00	0.00	0.00
<b>PARKMAN</b>									
3,960.0	27.05	139.91	3,647.0	-1,077.3	906.8	1,408.1	0.00	0.00	0.00
4,000.0	27.05	139.91	3,682.6	-1,091.2	918.5	1,426.3	0.00	0.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Project:</b>	SEC.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>North Reference:</b>	True
<b>Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-16-12)		

Planned 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)
4,040.0	27.05	139.91	3,718.3	-1,105.2	930.2	1,444.5	0.00	0.00	0.00
4,080.0	27.05	139.91	3,753.9	-1,119.1	941.9	1,462.7	0.00	0.00	0.00
4,120.0	27.05	139.91	3,789.5	-1,133.0	953.6	1,480.9	0.00	0.00	0.00
4,160.0	27.05	139.91	3,825.1	-1,146.9	965.3	1,499.1	0.00	0.00	0.00
4,200.0	27.05	139.91	3,860.8	-1,160.8	977.0	1,517.3	0.00	0.00	0.00
4,240.0	27.05	139.91	3,896.4	-1,174.7	988.8	1,535.5	0.00	0.00	0.00
4,280.0	27.05	139.91	3,932.0	-1,188.7	1,000.5	1,553.7	0.00	0.00	0.00
4,320.0	27.05	139.91	3,967.6	-1,202.6	1,012.2	1,571.8	0.00	0.00	0.00
4,360.0	27.05	139.91	4,003.3	-1,216.5	1,023.9	1,590.0	0.00	0.00	0.00
4,400.0	27.05	139.91	4,038.9	-1,230.4	1,035.6	1,608.2	0.00	0.00	0.00
4,440.0	27.05	139.91	4,074.5	-1,244.3	1,047.3	1,626.4	0.00	0.00	0.00
4,480.0	27.05	139.91	4,110.1	-1,258.2	1,059.0	1,644.6	0.00	0.00	0.00
4,520.0	27.05	139.91	4,145.8	-1,272.2	1,070.7	1,662.8	0.00	0.00	0.00
4,560.0	27.05	139.91	4,181.4	-1,286.1	1,082.5	1,681.0	0.00	0.00	0.00
4,600.0	27.05	139.91	4,217.0	-1,300.0	1,094.2	1,699.2	0.00	0.00	0.00
4,640.0	27.05	139.91	4,252.6	-1,313.9	1,105.9	1,717.4	0.00	0.00	0.00
4,680.0	27.05	139.91	4,288.3	-1,327.8	1,117.6	1,735.5	0.00	0.00	0.00
4,720.0	27.05	139.91	4,323.9	-1,341.7	1,129.3	1,753.7	0.00	0.00	0.00
4,758.3	27.05	139.91	4,358.0	-1,355.1	1,140.5	1,771.2	0.00	0.00	0.00
<b>SUSSEX</b>									
4,760.0	27.05	139.91	4,359.5	-1,355.7	1,141.0	1,771.9	0.00	0.00	0.00
4,800.0	27.05	139.91	4,395.1	-1,369.6	1,152.7	1,790.1	0.00	0.00	0.00
4,840.0	27.05	139.91	4,430.8	-1,383.5	1,164.4	1,808.3	0.00	0.00	0.00
4,880.0	27.05	139.91	4,466.4	-1,397.4	1,176.2	1,826.5	0.00	0.00	0.00
4,920.0	27.05	139.91	4,502.0	-1,411.3	1,187.9	1,844.7	0.00	0.00	0.00
4,960.0	27.05	139.91	4,537.6	-1,425.2	1,199.6	1,862.9	0.00	0.00	0.00
5,000.0	27.05	139.91	4,573.3	-1,439.1	1,211.3	1,881.1	0.00	0.00	0.00
5,040.0	27.05	139.91	4,608.9	-1,453.1	1,223.0	1,899.2	0.00	0.00	0.00
5,080.0	27.05	139.91	4,644.5	-1,467.0	1,234.7	1,917.4	0.00	0.00	0.00
5,120.0	27.05	139.91	4,680.1	-1,480.9	1,246.4	1,935.6	0.00	0.00	0.00
5,160.0	27.05	139.91	4,715.8	-1,494.8	1,258.1	1,953.8	0.00	0.00	0.00
5,185.0	27.05	139.91	4,738.0	-1,503.5	1,265.5	1,965.2	0.00	0.00	0.00
<b>SHANNON</b>									
5,200.0	27.05	139.91	4,751.4	-1,508.7	1,269.9	1,972.0	0.00	0.00	0.00
5,240.0	27.05	139.91	4,787.0	-1,522.6	1,281.6	1,990.2	0.00	0.00	0.00
5,280.0	27.05	139.91	4,822.6	-1,536.6	1,293.3	2,008.4	0.00	0.00	0.00
5,320.0	27.05	139.91	4,858.3	-1,550.5	1,305.0	2,026.6	0.00	0.00	0.00
5,360.0	27.05	139.91	4,893.9	-1,564.4	1,316.7	2,044.8	0.00	0.00	0.00
5,400.0	27.05	139.91	4,929.5	-1,578.3	1,328.4	2,063.0	0.00	0.00	0.00
5,440.0	27.05	139.91	4,965.1	-1,592.2	1,340.1	2,081.1	0.00	0.00	0.00
5,476.1	27.05	139.91	4,997.3	-1,604.8	1,350.7	2,097.6	0.00	0.00	0.00
5,480.0	26.97	139.91	5,000.8	-1,606.1	1,351.8	2,099.3	2.00	-2.00	0.00
5,520.0	26.17	139.91	5,036.5	-1,619.8	1,363.4	2,117.2	2.00	-2.00	0.00
5,560.0	25.37	139.91	5,072.6	-1,633.1	1,374.6	2,134.6	2.00	-2.00	0.00
5,600.0	24.57	139.91	5,108.8	-1,646.1	1,385.4	2,151.5	2.00	-2.00	0.00
5,640.0	23.77	139.91	5,145.3	-1,658.6	1,396.0	2,167.9	2.00	-2.00	0.00
5,680.0	22.97	139.91	5,182.0	-1,670.7	1,406.2	2,183.7	2.00	-2.00	0.00
5,720.0	22.17	139.91	5,219.0	-1,682.5	1,416.1	2,199.1	2.00	-2.00	0.00
5,760.0	21.37	139.91	5,256.1	-1,693.8	1,425.6	2,213.9	2.00	-2.00	0.00
5,800.0	20.57	139.91	5,293.5	-1,704.8	1,434.9	2,228.2	2.00	-2.00	0.00
5,840.0	19.77	139.91	5,331.0	-1,715.3	1,443.7	2,242.0	2.00	-2.00	0.00
5,880.0	18.97	139.91	5,368.7	-1,725.5	1,452.3	2,255.3	2.00	-2.00	0.00
5,920.0	18.17	139.91	5,406.7	-1,735.2	1,460.5	2,268.0	2.00	-2.00	0.00

<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Project:</b>	SEC.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>North Reference:</b>	True
<b>Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-16-12)		

Planned 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)
5,960.0	17.37	139.91	5,444.8	-1,744.6	1,468.3	2,280.2	2.00	-2.00	0.00
6,000.0	16.57	139.91	5,483.0	-1,753.5	1,475.9	2,291.9	2.00	-2.00	0.00
6,040.0	15.77	139.91	5,521.4	-1,762.0	1,483.0	2,303.1	2.00	-2.00	0.00
6,080.0	14.97	139.91	5,560.0	-1,770.1	1,489.9	2,313.7	2.00	-2.00	0.00
6,120.0	14.17	139.91	5,598.7	-1,777.8	1,496.3	2,323.7	2.00	-2.00	0.00
6,160.0	13.37	139.91	5,637.6	-1,785.1	1,502.5	2,333.2	2.00	-2.00	0.00
6,200.0	12.57	139.91	5,676.5	-1,792.0	1,508.3	2,342.2	2.00	-2.00	0.00
6,240.0	11.77	139.91	5,715.6	-1,798.4	1,513.7	2,350.7	2.00	-2.00	0.00
6,280.0	10.97	139.91	5,754.9	-1,804.5	1,518.8	2,358.5	2.00	-2.00	0.00
6,320.0	10.17	139.91	5,794.2	-1,810.1	1,523.5	2,365.9	2.00	-2.00	0.00
6,360.0	9.37	139.91	5,833.6	-1,815.3	1,527.9	2,372.7	2.00	-2.00	0.00
6,400.0	8.57	139.91	5,873.1	-1,820.0	1,531.9	2,378.9	2.00	-2.00	0.00
6,440.0	7.77	139.91	5,912.7	-1,824.4	1,535.5	2,384.6	2.00	-2.00	0.00
6,480.0	6.97	139.91	5,952.4	-1,828.3	1,538.8	2,389.7	2.00	-2.00	0.00
6,520.0	6.17	139.91	5,992.1	-1,831.8	1,541.8	2,394.3	2.00	-2.00	0.00
6,560.0	5.37	139.91	6,031.9	-1,834.9	1,544.4	2,398.3	2.00	-2.00	0.00
6,600.0	4.57	139.91	6,071.8	-1,837.5	1,546.6	2,401.8	2.00	-2.00	0.00
6,640.0	3.77	139.91	6,111.7	-1,839.8	1,548.5	2,404.7	2.00	-2.00	0.00
6,680.0	2.97	139.91	6,151.6	-1,841.6	1,550.0	2,407.0	2.00	-2.00	0.00
6,720.0	2.17	139.91	6,191.5	-1,842.9	1,551.1	2,408.8	2.00	-2.00	0.00
6,760.0	1.37	139.91	6,231.5	-1,843.9	1,551.9	2,410.1	2.00	-2.00	0.00
6,800.0	0.57	139.91	6,271.5	-1,844.4	1,552.4	2,410.7	2.00	-2.00	0.00
6,828.5	0.00	0.00	6,300.0	-1,844.5	1,552.5	2,410.9	2.00	-2.00	-491.18
TARGET BHL 2555'FNL & 1313'FWL									
6,840.0	0.00	0.00	6,311.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
6,880.0	0.00	0.00	6,351.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
6,920.0	0.00	0.00	6,391.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
6,960.0	0.00	0.00	6,431.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,000.0	0.00	0.00	6,471.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,040.0	0.00	0.00	6,511.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,080.0	0.00	0.00	6,551.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,120.0	0.00	0.00	6,591.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,160.0	0.00	0.00	6,631.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,200.0	0.00	0.00	6,671.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,240.0	0.00	0.00	6,711.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,280.0	0.00	0.00	6,751.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,320.0	0.00	0.00	6,791.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,360.0	0.00	0.00	6,831.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,400.0	0.00	0.00	6,871.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,440.0	0.00	0.00	6,911.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,480.0	0.00	0.00	6,951.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,520.0	0.00	0.00	6,991.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,556.5	0.00	0.00	7,028.0	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
NIOBRARA - TARGET CIRCLE 2555'FNL & 1313'FWL									
7,560.0	0.00	0.00	7,031.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,600.0	0.00	0.00	7,071.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,640.0	0.00	0.00	7,111.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,680.0	0.00	0.00	7,151.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,720.0	0.00	0.00	7,191.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,760.0	0.00	0.00	7,231.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,800.0	0.00	0.00	7,271.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,821.5	0.00	0.00	7,293.0	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
FORT HAYS									



<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Project:</b>	SEC.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>North Reference:</b>	True
<b>Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-16-12)		

#### Planned 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)
7,840.0	0.00	0.00	7,311.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,861.5	0.00	0.00	7,333.0	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
<b>CODELL</b>									
7,880.0	0.00	0.00	7,351.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,911.5	0.00	0.00	7,383.0	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
<b>GREENHORN</b>									
7,920.0	0.00	0.00	7,391.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,960.0	0.00	0.00	7,431.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
7,996.5	0.00	0.00	7,468.0	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
<b>GRANEROS</b>									
8,000.0	0.00	0.00	7,471.5	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
8,013.5	0.00	0.00	7,485.0	-1,844.5	1,552.5	2,410.9	0.00	0.00	0.00
<b>HARDLINE 78'S OF BHL</b>									

#### Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- hit/miss target									
- Shape									
TARGET CIRCLE 25'	0.00	0.00	7,028.0	-1,844.5	1,552.5	1,442,192.19	3,181,691.27	40.545379	-104.846224
- plan hits target center									
- Circle (radius 75.0)									
HARDLINE 78'S OF E	0.00	0.00	7,485.0	-1,922.5	1,652.5	1,442,114.93	3,181,791.86	40.545165	-104.845864
- plan misses target center by 126.8ft at 8013.5ft MD (7485.0 TVD, -1844.5 N, 1552.5 E)									
- Polygon									
Point 1			7,485.0	0.0	0.0	1,442,114.93	3,181,791.86		
Point 2			7,485.0	0.0	-200.0	1,442,113.47	3,181,591.87		
TARGET BHL 2555'F	0.00	0.00	6,300.0	-1,844.5	1,552.5	1,442,192.19	3,181,691.27	40.545379	-104.846224
- plan hits target center									
- Point									

#### Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
722.9	720.0	8 5/8"	8-5/8	12-1/4



<b>Database:</b>	Landmark	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Project:</b>	SEC.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>North Reference:</b>	True
<b>Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Plan #1 (7-16-12)		

Formations						
Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,921.8	3,613.0	PARKMAN		0.00		
4,758.3	4,358.0	SUSSEX		0.00		
5,185.0	4,738.0	SHANNON		0.00		
7,556.5	7,028.0	NIOBRARA		0.00		
7,821.5	7,293.0	FORT HAYS		0.00		
7,861.5	7,333.0	CODELL		0.00		
7,911.5	7,383.0	GREENHORN		0.00		
7,996.5	7,468.0	GRANEROS		0.00		



# **BAYSWATER EXPLORATION & PRODUCTION**

**SEC.26-T7N-R67W**

**Casa Loma 8 Pad Sec.26-T7N-R67W**

**Casa Loma 22-25**

**Wellbore #1**

**Plan #1 (7-16-12)**

## **Anticollision Report**

**23 July, 2012**

<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Project:</b>	SEC.26-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Reference Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (7-16-12)	<b>Offset TVD Reference:</b>	Offset Datum

<b>Reference</b>	Plan #1 (7-16-12)		
<b>Filter type:</b>	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
<b>Interpolation Method:</b>	Stations	<b>Error Model:</b>	ISCWSA
<b>Depth Range:</b>	Unlimited	<b>Scan Method:</b>	Closest Approach 3D
<b>Results Limited by:</b>	Maximum center-center distance of 10,000.0ft	<b>Error Surface:</b>	Elliptical Conic
<b>Warning Levels Evaluated at:</b>	2.00 Sigma		

<b>Survey Tool Program</b>	<b>Date</b>	7/17/2012		
<b>From (ft)</b>	<b>To (ft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Description</b>
0.0	8,013.5	Plan #1 (7-16-12) (Wellbore #1)	MWD	MWD - Standard

<b>Summary</b>						
<b>Site Name</b>	<b>Reference Measured Depth (ft)</b>	<b>Offset Measured Depth (ft)</b>	<b>Distance Between Centres (ft)</b>	<b>Distance Between Ellipses (ft)</b>	<b>Separation Factor</b>	<b>Warning</b>
<b>Offset Well - Wellbore - Design</b>						
Casa Loma 8 Pad Sec.26-T7N-R67W						
Casa Loma 25-25 - Wellbore #1 - Plan #1 (7-16-12)	100.0	100.0	16.0	15.8	71.376	CC, ES
Casa Loma 25-25 - Wellbore #1 - Plan #1 (7-16-12)	5,500.0	5,440.1	674.2	584.0	7.471	SF
Casa Loma 5-25 - Wellbore #1 - Plan #1 (7-10-12)	200.0	200.0	16.0	15.4	23.796	CC
Casa Loma 5-25 - Wellbore #1 - Plan #1 (7-10-12)	400.0	399.8	16.5	15.0	10.989	ES
Casa Loma 5-25 - Wellbore #1 - Plan #1 (7-10-12)	1,300.0	1,298.9	31.0	21.2	3.184	SF

<b>Offset Design</b>												
Casa Loma 8 Pad Sec.26-T7N-R67W - Casa Loma 25-25 - Wellbore #1 - Plan #1 (7-16-12)												
Survey Program: 0-MWD												
Reference												
<b>Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Offset Measured Depth (ft)</b>	<b>Vertical Depth (ft)</b>	<b>Semi Major Axis</b>			<b>Distance</b>					
				<b>Reference</b>	<b>Offset</b>	<b>Highside Toolface (°)</b>	<b>Offset Wellbore Centre +N/-S (ft)</b>	<b>+E/-W (ft)</b>	<b>Between Centres (ft)</b>	<b>Between Ellipses (ft)</b>	<b>Minimum Separation (ft)</b>	<b>Separation Factor</b>
												<b>Warning</b>
0.0	0.0	0.0	0.0	0.0	0.0	45.25	11.3	11.4	16.0	16.0	0.00	N/A
100.0	100.0	100.0	100.0	0.1	0.1	45.25	11.3	11.4	16.0	15.8	0.22	71.376 CC, ES
200.0	200.0	199.8	199.8	0.3	0.3	51.19	10.3	12.8	16.5	15.8	0.66	24.883
300.0	300.0	299.5	299.4	0.5	0.6	-78.53	7.4	17.2	18.3	17.2	1.09	16.759
400.0	399.8	399.1	398.6	0.8	0.8	-71.62	2.7	24.4	21.5	19.9	1.56	13.808
500.0	499.5	498.5	497.2	1.0	1.1	-67.68	-4.0	34.4	25.7	23.6	2.07	12.391
600.0	598.7	597.8	595.3	1.3	1.5	-65.86	-12.6	47.3	30.8	28.2	2.66	11.591
700.0	697.5	696.8	692.5	1.6	1.9	-65.40	-23.0	63.0	36.8	33.4	3.32	11.055
800.0	795.6	795.7	788.9	2.0	2.3	-65.75	-35.3	81.4	43.5	39.4	4.09	10.636
900.0	893.1	894.4	884.2	2.5	2.8	-66.56	-49.3	102.5	51.0	46.1	4.96	10.276
1,000.0	989.6	992.8	978.5	3.0	3.4	-67.63	-65.2	126.3	59.3	53.4	5.96	9.951
1,100.0	1,085.3	1,091.1	1,071.4	3.6	4.1	-68.81	-82.7	152.7	68.5	61.4	7.09	9.653
1,200.0	1,179.8	1,189.1	1,163.1	4.2	4.8	-70.02	-102.0	181.7	78.4	70.1	8.36	9.379
1,300.0	1,273.2	1,286.9	1,253.2	4.9	5.6	-71.20	-123.0	213.2	89.2	79.4	9.77	9.131
1,400.0	1,365.2	1,384.4	1,341.8	5.7	6.4	-72.34	-145.6	247.1	100.8	89.5	11.32	8.902
1,500.0	1,455.8	1,481.7	1,428.8	6.6	7.3	-73.41	-169.7	283.5	113.2	100.2	13.02	8.694
1,552.4	1,502.7	1,532.6	1,473.6	7.1	7.8	-73.94	-183.0	303.4	120.0	106.0	13.96	8.593
1,600.0	1,545.1	1,578.8	1,514.0	7.5	8.3	-74.35	-195.5	322.2	126.5	111.6	14.84	8.523
1,700.0	1,634.2	1,677.8	1,600.1	8.4	9.4	-74.86	-222.5	362.8	140.5	123.8	16.72	8.405
1,800.0	1,723.2	1,776.8	1,686.3	9.4	10.4	-75.28	-249.5	403.4	154.5	135.9	18.61	8.305
1,900.0	1,812.3	1,875.8	1,772.4	10.3	11.5	-75.62	-276.6	444.1	168.5	148.0	20.50	8.219

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Project:</b>	SEC.26-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Reference Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (7-16-12)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design		Casa Loma 8 Pad Sec.26-T7N-R67W - Casa Loma 25-25 - Wellbore #1 - Plan #1 (7-16-12)											Offset Site Error:		0.0 ft
Survey Program: 0-MWD													Offset Well Error:		0.0 ft
Reference		Offset		Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (ft)	Separation Factor	Warning		
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)					
2,000.0	1,901.4	1,974.8	1,858.6	11.3	12.5	-75.91	-303.6	484.7	182.6	160.1	22.41	8.145			
2,100.0	1,990.4	2,073.8	1,944.7	12.3	13.6	-76.17	-330.6	525.3	196.6	172.3	24.33	8.081			
2,200.0	2,079.5	2,172.8	2,030.8	13.2	14.7	-76.38	-357.7	566.0	210.6	184.4	26.25	8.025			
2,300.0	2,168.6	2,271.8	2,117.0	14.2	15.8	-76.57	-384.7	606.6	224.7	196.5	28.17	7.975			
2,400.0	2,257.6	2,370.9	2,203.1	15.1	16.8	-76.74	-411.8	647.2	238.7	208.6	30.09	7.931			
2,500.0	2,346.7	2,469.9	2,289.3	16.1	17.9	-76.89	-438.8	687.9	252.7	220.7	32.02	7.892			
2,600.0	2,435.7	2,568.9	2,375.4	17.1	19.0	-77.02	-465.8	728.5	266.8	232.8	33.95	7.857			
2,700.0	2,524.8	2,667.9	2,461.6	18.0	20.0	-77.14	-492.9	769.1	280.8	244.9	35.89	7.825			
2,800.0	2,613.9	2,766.9	2,547.7	19.0	21.1	-77.25	-519.9	809.8	294.9	257.0	37.82	7.796			
2,900.0	2,702.9	2,865.9	2,633.8	19.9	22.2	-77.35	-546.9	850.4	308.9	269.1	39.76	7.770			
3,000.0	2,792.0	2,964.9	2,720.0	20.9	23.3	-77.44	-574.0	891.0	322.9	281.3	41.69	7.746			
3,100.0	2,881.1	3,063.9	2,806.1	21.9	24.3	-77.53	-601.0	931.7	337.0	293.4	43.63	7.724			
3,200.0	2,970.1	3,162.9	2,892.3	22.8	25.4	-77.60	-628.0	972.3	351.0	305.5	45.57	7.704			
3,300.0	3,059.2	3,261.9	2,978.4	23.8	26.5	-77.67	-655.1	1,012.9	365.1	317.6	47.51	7.685			
3,400.0	3,148.3	3,360.9	3,064.6	24.8	27.6	-77.74	-682.1	1,053.5	379.1	329.7	49.45	7.668			
3,500.0	3,237.3	3,459.9	3,150.7	25.7	28.7	-77.80	-709.1	1,094.2	393.2	341.8	51.39	7.651			
3,600.0	3,326.4	3,558.9	3,236.8	26.7	29.7	-77.85	-736.2	1,134.8	407.2	353.9	53.33	7.636			
3,700.0	3,415.4	3,657.9	3,323.0	27.7	30.8	-77.91	-763.2	1,175.4	421.3	366.0	55.27	7.622			
3,800.0	3,504.5	3,757.0	3,409.1	28.6	31.9	-77.96	-790.2	1,216.1	435.3	378.1	57.21	7.609			
3,900.0	3,593.6	3,856.0	3,495.3	29.6	33.0	-78.00	-817.3	1,256.7	449.4	390.2	59.15	7.597			
4,000.0	3,682.6	3,955.0	3,581.4	30.6	34.1	-78.04	-844.3	1,297.3	463.4	402.3	61.10	7.585			
4,100.0	3,771.7	4,054.0	3,667.6	31.6	35.1	-78.09	-871.3	1,338.0	477.5	414.4	63.04	7.574			
4,200.0	3,860.8	4,153.0	3,753.7	32.5	36.2	-78.12	-898.4	1,378.6	491.5	426.5	64.98	7.564			
4,300.0	3,949.8	4,252.0	3,839.8	33.5	37.3	-78.16	-925.4	1,419.2	505.6	438.7	66.93	7.554			
4,400.0	4,038.9	4,351.0	3,926.0	34.5	38.4	-78.19	-952.4	1,459.9	519.6	450.8	68.87	7.545			
4,500.0	4,127.9	4,450.0	4,012.1	35.4	39.4	-78.23	-979.5	1,500.5	533.7	462.9	70.81	7.536			
4,600.0	4,217.0	4,549.0	4,098.3	36.4	40.5	-78.26	-1,006.5	1,541.1	547.7	475.0	72.76	7.528			
4,700.0	4,306.1	4,648.0	4,184.4	37.4	41.6	-78.29	-1,033.6	1,581.8	561.8	487.1	74.70	7.520			
4,800.0	4,395.1	4,747.0	4,270.6	38.3	42.7	-78.31	-1,060.6	1,622.4	575.8	499.2	76.65	7.513			
4,900.0	4,484.2	4,846.0	4,356.7	39.3	43.8	-78.34	-1,087.6	1,663.0	589.9	511.3	78.59	7.506			
5,000.0	4,573.3	4,945.0	4,442.8	40.3	44.8	-78.37	-1,114.7	1,703.7	603.9	523.4	80.53	7.499			
5,100.0	4,662.3	5,044.1	4,529.0	41.2	45.9	-78.39	-1,141.7	1,744.3	618.0	535.5	82.48	7.493			
5,200.0	4,751.4	5,143.1	4,615.1	42.2	47.0	-78.41	-1,168.7	1,784.9	632.0	547.6	84.42	7.486			
5,300.0	4,840.4	5,242.1	4,701.3	43.2	48.1	-78.44	-1,195.8	1,825.6	646.1	559.7	86.37	7.481			
5,400.0	4,929.5	5,341.1	4,787.4	44.1	49.2	-78.46	-1,222.8	1,866.2	660.1	571.8	88.31	7.475			
5,476.1	4,997.3	5,416.4	4,853.0	44.9	50.0	-78.47	-1,243.4	1,897.1	670.8	581.0	89.80	7.471			
5,500.0	5,018.6	5,440.1	4,873.6	45.1	50.2	-78.54	-1,249.8	1,906.8	674.2	584.0	90.25	7.471 SF			
5,600.0	5,108.8	5,539.0	4,959.6	45.8	51.3	-78.63	-1,276.8	1,947.4	688.8	596.8	91.93	7.492			
5,700.0	5,200.5	5,637.6	5,045.5	46.5	52.4	-78.47	-1,303.8	1,987.9	704.0	610.6	93.44	7.535			
5,800.0	5,293.5	5,736.0	5,131.0	47.1	53.5	-78.07	-1,330.6	2,028.3	720.1	625.3	94.78	7.597			
5,900.0	5,387.7	5,833.8	5,216.1	47.6	54.5	-77.45	-1,357.3	2,068.4	737.0	641.0	95.94	7.681			
6,000.0	5,483.0	5,931.0	5,300.7	48.1	55.6	-76.65	-1,383.9	2,108.3	754.9	657.9	96.92	7.788			
6,100.0	5,579.3	6,027.5	5,384.7	48.6	56.7	-75.68	-1,410.2	2,147.9	773.9	676.2	97.71	7.920			
6,200.0	5,676.5	6,123.2	5,467.9	49.0	57.7	-74.57	-1,436.4	2,187.2	794.3	696.0	98.31	8.079			
6,300.0	5,774.5	6,217.9	5,550.3	49.3	58.7	-73.35	-1,462.2	2,226.1	816.2	717.5	98.72	8.268			
6,400.0	5,873.1	6,311.6	5,631.8	49.6	59.8	-72.04	-1,487.8	2,264.5	839.8	740.9	98.94	8.488			
6,500.0	5,972.2	6,404.0	5,712.3	49.8	60.8	-70.66	-1,513.0	2,302.4	865.4	766.4	98.99	8.743			
6,600.0	6,071.8	6,495.2	5,791.6	50.0	61.8	-69.25	-1,537.9	2,339.9	893.0	794.2	98.86	9.033			
6,700.0	6,171.6	6,585.0	5,869.7	50.1	62.7	-67.82	-1,562.5	2,376.7	923.0	824.4	98.58	9.363			
6,800.0	6,271.5	6,673.3	5,946.5	50.2	63.7	-66.40	-1,586.6	2,412.9	955.3	857.2	98.17	9.732			
6,828.5	6,300.0	6,698.1	5,968.1	50.2	64.0	73.91	-1,593.3	2,423.1	965.0	867.0	98.03	9.844			

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Project:</b>	SEC.26-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Reference Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (7-16-12)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Casa Loma 8 Pad Sec.26-T7N-R67W - Casa Loma 25-25 - Wellbore #1 - Plan #1 (7-16-12)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Semi Major Axis		Highside Toolface (°)	Offset Wellbore Centre		Distance		Minimum Separation (ft)	Separation Factor	Warning	
Reference	Offset	Reference	Offset	Reference	Offset		+N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)				
6,900.0	6,371.5	6,760.3	6,022.3	50.3	64.7	75.36	-1,610.3	2,448.7	989.9	892.6	97.30	10.175		
7,000.0	6,471.5	6,851.5	6,101.7	50.3	65.6	77.36	-1,635.2	2,486.1	1,025.8	929.6	96.19	10.663		
7,100.0	6,571.5	6,973.0	6,208.8	50.4	66.7	79.73	-1,666.8	2,533.5	1,060.9	966.3	94.67	11.206		
7,200.0	6,671.5	7,099.8	6,323.3	50.4	67.7	81.83	-1,697.1	2,579.0	1,094.0	1,000.7	93.24	11.733		
7,300.0	6,771.5	7,231.9	6,444.9	50.5	68.6	83.65	-1,725.6	2,621.9	1,124.4	1,032.5	91.93	12.231		
7,400.0	6,871.5	7,369.0	6,573.6	50.5	69.4	85.22	-1,751.8	2,661.3	1,151.9	1,061.1	90.80	12.686		
7,500.0	6,971.5	7,510.7	6,708.7	50.6	70.1	86.54	-1,775.4	2,696.7	1,176.1	1,086.2	89.85	13.089		
7,600.0	7,071.5	7,656.6	6,849.9	50.6	70.7	87.62	-1,795.7	2,727.3	1,196.5	1,107.4	89.08	13.432		
7,700.0	7,171.5	7,806.0	6,996.3	50.7	71.2	88.47	-1,812.4	2,752.3	1,213.0	1,124.5	88.51	13.705		
7,800.0	7,271.5	7,958.3	7,146.8	50.8	71.6	89.08	-1,825.0	2,771.3	1,225.4	1,137.2	88.12	13.905		
7,900.0	7,371.5	8,112.6	7,300.3	50.8	71.9	89.48	-1,833.2	2,783.7	1,233.3	1,145.4	87.94	14.025		
8,000.0	7,471.5	8,268.0	7,455.6	50.9	72.0	89.65	-1,836.9	2,789.2	1,236.9	1,148.9	87.94	14.065		
8,013.5	7,485.0	8,289.0	7,476.6	50.9	72.0	89.66	-1,837.1	2,789.4	1,237.0	1,149.0	87.96	14.064		

<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Project:</b>	SEC.26-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Reference Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (7-16-12)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Casa Loma 8 Pad Sec.26-T7N-R67W - Casa Loma 5-25 - Wellbore #1 - Plan #1 (7-10-12)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-134.76	-134.76	-11.3	-11.4	16.0	16.0	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	-134.76	-134.76	-11.3	-11.4	16.0	15.8	0.22	71.389	
200.0	200.0	200.0	200.0	0.3	0.3	-134.76	-134.76	-11.3	-11.4	16.0	15.4	0.67	23.796 CC	
300.0	300.0	299.9	299.9	0.5	0.5	85.38	85.38	-12.7	-10.4	16.2	15.1	1.08	14.933	
400.0	399.8	399.8	399.7	0.8	0.8	85.54	85.54	-16.9	-7.3	16.5	15.0	1.51	10.989 ES	
500.0	499.5	499.7	499.2	1.0	1.0	85.79	85.79	-24.0	-2.2	17.2	15.2	2.00	8.588	
600.0	598.7	599.6	598.4	1.3	1.3	86.11	86.11	-33.8	5.0	18.0	15.5	2.57	7.005	
700.0	697.5	699.6	697.0	1.6	1.6	86.48	86.48	-46.5	14.1	19.1	15.9	3.25	5.896	
800.0	795.6	799.5	795.1	2.0	2.0	86.87	86.87	-61.9	25.3	20.5	16.5	4.03	5.089	
900.0	893.1	899.4	892.4	2.5	2.5	87.26	87.26	-80.0	38.5	22.1	17.2	4.93	4.484	
1,000.0	989.6	999.2	988.9	3.0	3.0	87.65	87.65	-100.9	53.7	24.0	18.0	5.96	4.020	
1,100.0	1,085.3	1,099.1	1,084.4	3.6	3.6	88.02	88.02	-124.6	70.8	26.0	18.9	7.12	3.659	
1,200.0	1,179.8	1,199.1	1,179.3	4.2	4.2	90.67	90.67	-150.0	89.3	28.3	19.9	8.40	3.366	
1,300.0	1,273.2	1,298.9	1,274.1	4.9	4.8	99.26	99.26	-175.4	107.8	31.0	21.2	9.72	3.184 SF	
1,400.0	1,365.2	1,398.6	1,368.7	5.7	5.5	111.72	111.72	-200.8	126.2	35.3	24.6	10.79	3.275	
1,500.0	1,455.8	1,497.9	1,462.9	6.6	6.1	124.98	124.98	-226.1	144.6	42.9	31.6	11.38	3.772	
1,552.4	1,502.7	1,549.7	1,512.1	7.1	6.5	131.31	131.31	-239.4	154.2	48.5	37.0	11.53	4.210	
1,600.0	1,545.1	1,596.7	1,556.7	7.5	6.8	136.27	136.27	-251.4	162.9	54.3	42.7	11.63	4.673	
1,700.0	1,634.2	1,695.6	1,650.5	8.4	7.4	143.79	143.79	-276.5	181.1	67.5	55.6	11.91	5.667	
1,800.0	1,723.2	1,794.4	1,744.3	9.4	8.1	148.82	148.82	-301.7	199.4	81.4	69.1	12.30	6.620	
1,900.0	1,812.3	1,893.2	1,838.1	10.3	8.7	152.36	152.36	-326.9	217.7	95.8	83.0	12.78	7.496	
2,000.0	1,901.4	1,992.0	1,931.9	11.3	9.4	154.97	154.97	-352.1	236.0	110.4	97.1	13.32	8.290	
2,100.0	1,990.4	2,090.8	2,025.7	12.3	10.0	156.98	156.98	-377.3	254.3	125.2	111.3	13.90	9.006	
2,200.0	2,079.5	2,189.6	2,119.5	13.2	10.7	158.55	158.55	-402.5	272.6	140.1	125.6	14.52	9.650	
2,300.0	2,168.6	2,288.5	2,213.2	14.2	11.3	159.82	159.82	-427.7	290.9	155.1	139.9	15.16	10.231	
2,400.0	2,257.6	2,387.3	2,307.0	15.1	12.0	160.87	160.87	-452.9	309.1	170.1	154.3	15.82	10.756	
2,500.0	2,346.7	2,486.1	2,400.8	16.1	12.6	161.75	161.75	-478.1	327.4	185.3	168.8	16.49	11.232	
2,600.0	2,435.7	2,584.9	2,494.6	17.1	13.3	162.50	162.50	-503.3	345.7	200.4	183.2	17.18	11.665	
2,700.0	2,524.8	2,683.7	2,588.4	18.0	14.0	163.14	163.14	-528.5	364.0	215.6	197.7	17.87	12.061	
2,800.0	2,613.9	2,782.5	2,682.2	19.0	14.6	163.69	163.69	-553.6	382.3	230.8	212.2	18.57	12.423	
2,900.0	2,702.9	2,881.4	2,776.0	19.9	15.3	164.18	164.18	-578.8	400.6	246.0	226.7	19.28	12.756	
3,000.0	2,792.0	2,980.2	2,869.7	20.9	15.9	164.61	164.61	-604.0	418.9	261.2	241.2	20.00	13.063	
3,100.0	2,881.1	3,079.0	2,963.5	21.9	16.6	164.99	164.99	-629.2	437.1	276.4	255.7	20.71	13.346	
3,200.0	2,970.1	3,177.8	3,057.3	22.8	17.2	165.34	165.34	-654.4	455.4	291.7	270.2	21.43	13.609	
3,300.0	3,059.2	3,276.6	3,151.1	23.8	17.9	165.65	165.65	-679.6	473.7	306.9	284.8	22.16	13.853	
3,400.0	3,148.3	3,375.4	3,244.9	24.8	18.5	165.93	165.93	-704.8	492.0	322.2	299.3	22.88	14.081	
3,500.0	3,237.3	3,474.3	3,338.7	25.7	19.2	166.18	166.18	-730.0	510.3	337.5	313.9	23.61	14.293	
3,600.0	3,326.4	3,573.1	3,432.5	26.7	19.9	166.41	166.41	-755.2	528.6	352.8	328.4	24.34	14.492	
3,700.0	3,415.4	3,671.9	3,526.2	27.7	20.5	166.63	166.63	-780.4	546.8	368.0	343.0	25.07	14.678	
3,800.0	3,504.5	3,770.7	3,620.0	28.6	21.2	166.82	166.82	-805.5	565.1	383.3	357.5	25.81	14.853	
3,900.0	3,593.6	3,869.5	3,713.8	29.6	21.8	167.00	167.00	-830.7	583.4	398.6	372.1	26.54	15.018	
4,000.0	3,682.6	3,968.3	3,807.6	30.6	22.5	167.17	167.17	-855.9	601.7	413.9	386.6	27.28	15.173	
4,100.0	3,771.7	4,067.1	3,901.4	31.6	23.2	167.33	167.33	-881.1	620.0	429.2	401.2	28.02	15.320	
4,200.0	3,860.8	4,166.0	3,995.2	32.5	23.8	167.47	167.47	-906.3	638.3	444.5	415.8	28.76	15.458	
4,300.0	3,949.8	4,264.8	4,089.0	33.5	24.5	167.61	167.61	-931.5	656.6	459.8	430.3	29.50	15.589	
4,400.0	4,038.9	4,363.6	4,182.7	34.5	25.1	167.73	167.73	-956.7	674.8	475.1	444.9	30.24	15.714	
4,500.0	4,127.9	4,462.4	4,276.5	35.4	25.8	167.85	167.85	-981.9	693.1	490.5	459.5	30.98	15.832	
4,600.0	4,217.0	4,561.2	4,370.3	36.4	26.4	167.97	167.97	-1,007.1	711.4	505.8	474.0	31.72	15.944	
4,700.0	4,306.1	4,660.0	4,464.1	37.4	27.1	168.07	168.07	-1,032.3	729.7	521.1	488.6	32.46	16.051	
4,800.0	4,395.1	4,758.9	4,557.9	38.3	27.8	168.17	168.17	-1,057.5	748.0	536.4	503.2	33.21	16.153	
4,900.0	4,484.2	4,857.7	4,651.7	39.3	28.4	168.26	168.26	-1,082.6	766.3	551.7	517.8	33.95	16.251	

CC - Min centre to center distance or convergent point, SF - min separation factor, ES - min ellipse separation

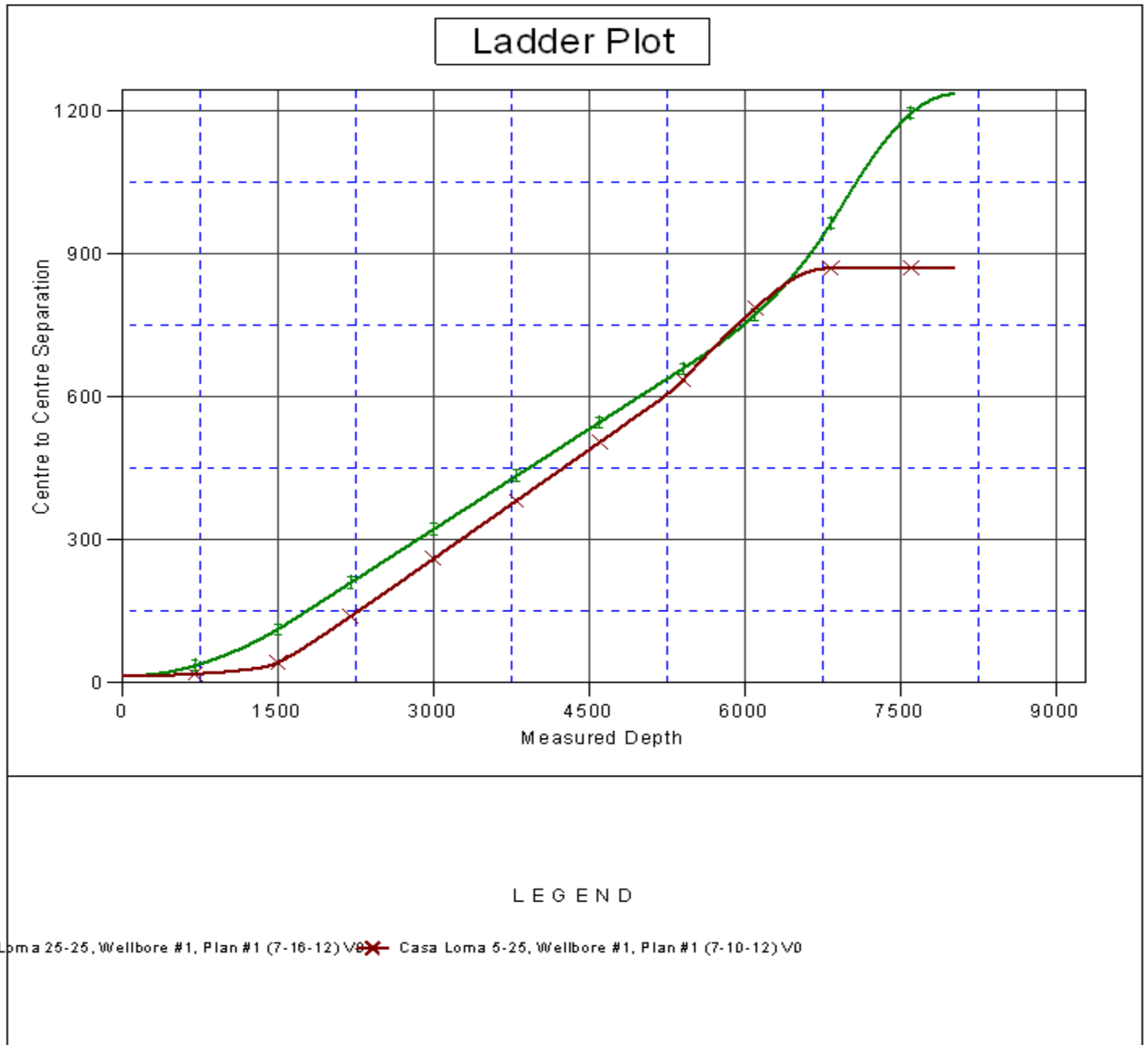
<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Project:</b>	SEC.26-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Reference Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (7-16-12)	<b>Offset TVD Reference:</b>	Offset Datum

Offset Design Casa Loma 8 Pad Sec.26-T7N-R67W - Casa Loma 5-25 - Wellbore #1 - Plan #1 (7-10-12)													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Semi Major Axis	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,573.3	4,956.5	4,745.5	40.3	29.1	168.35		-1,107.8	784.6	567.0	532.3	34.69	16.344	
5,100.0	4,662.3	5,055.3	4,839.2	41.2	29.7	168.44		-1,133.0	802.8	582.4	546.9	35.44	16.432	
5,200.0	4,751.4	5,147.9	4,927.1	42.2	30.3	168.51		-1,156.5	819.9	597.9	561.7	36.15	16.538	
5,300.0	4,840.4	5,229.6	5,005.3	43.2	30.7	168.63		-1,175.7	833.8	615.6	578.8	36.77	16.740	
5,400.0	4,929.5	5,310.4	5,083.3	44.1	31.1	168.79		-1,193.0	846.4	636.0	598.6	37.34	17.031	
5,476.1	4,997.3	5,371.3	5,142.3	44.9	31.3	168.94		-1,204.8	854.9	653.3	615.6	37.75	17.306	
5,500.0	5,018.6	5,390.2	5,160.8	45.1	31.4	169.01		-1,208.3	857.5	659.0	621.1	37.88	17.394	
5,600.0	5,108.8	5,469.5	5,238.3	45.8	31.6	169.31		-1,221.7	867.2	682.2	643.8	38.38	17.772	
5,700.0	5,200.5	5,548.4	5,315.9	46.5	31.9	169.58		-1,233.4	875.7	704.7	665.8	38.83	18.149	
5,800.0	5,293.5	5,626.9	5,393.5	47.1	32.1	169.84		-1,243.3	882.9	726.4	687.2	39.21	18.526	
5,900.0	5,387.7	5,700.0	5,465.9	47.6	32.3	170.08		-1,250.9	888.4	747.4	707.9	39.53	18.909	
6,000.0	5,483.0	5,783.0	5,548.5	48.1	32.4	170.33		-1,257.8	893.4	767.7	727.9	39.79	19.293	
6,100.0	5,579.3	5,860.6	5,625.9	48.6	32.6	170.55		-1,262.4	896.8	787.1	747.1	39.98	19.687	
6,200.0	5,676.5	5,937.9	5,703.1	49.0	32.7	170.77		-1,265.4	898.9	805.8	765.7	40.11	20.090	
6,300.0	5,774.5	6,014.9	5,780.1	49.3	32.7	170.98		-1,266.7	899.8	823.6	783.5	40.17	20.502	
6,400.0	5,873.1	6,107.9	5,873.1	49.6	32.8	171.19		-1,266.7	899.9	840.0	799.8	40.20	20.896	
6,500.0	5,972.2	6,207.1	5,972.2	49.8	32.9	171.37		-1,266.7	899.9	853.0	812.8	40.18	21.230	
6,600.0	6,071.8	6,306.6	6,071.8	50.0	33.0	171.49		-1,266.7	899.9	862.6	822.5	40.12	21.498	
6,700.0	6,171.6	6,406.4	6,171.6	50.1	33.0	171.57		-1,266.7	899.9	868.8	828.7	40.04	21.700	
6,800.0	6,271.5	6,506.4	6,271.5	50.2	33.1	171.61		-1,266.7	899.9	871.5	831.6	39.91	21.835	
6,828.5	6,300.0	6,534.8	6,300.0	50.2	33.1	-48.48		-1,266.7	899.9	871.6	831.7	39.87	21.860	
6,900.0	6,371.5	6,606.4	6,371.5	50.3	33.2	-48.48		-1,266.7	899.9	871.6	831.6	40.05	21.762	
7,000.0	6,471.5	6,706.4	6,471.5	50.3	33.3	-48.48		-1,266.7	899.9	871.6	831.3	40.30	21.628	
7,100.0	6,571.5	6,806.4	6,571.5	50.4	33.3	-48.48		-1,266.7	899.9	871.6	831.1	40.55	21.495	
7,200.0	6,671.5	6,906.4	6,671.5	50.4	33.4	-48.48		-1,266.7	899.9	871.6	830.8	40.80	21.361	
7,300.0	6,771.5	7,006.4	6,771.5	50.5	33.5	-48.48		-1,266.7	899.9	871.6	830.5	41.06	21.227	
7,400.0	6,871.5	7,106.4	6,871.5	50.5	33.6	-48.48		-1,266.7	899.9	871.6	830.3	41.32	21.093	
7,500.0	6,971.5	7,206.4	6,971.5	50.6	33.7	-48.48		-1,266.7	899.9	871.6	830.0	41.59	20.960	
7,600.0	7,071.5	7,306.4	7,071.5	50.6	33.8	-48.48		-1,266.7	899.9	871.6	829.8	41.85	20.826	
7,700.0	7,171.5	7,406.4	7,171.5	50.7	33.8	-48.48		-1,266.7	899.9	871.6	829.5	42.12	20.692	
7,800.0	7,271.5	7,506.4	7,271.5	50.8	33.9	-48.48		-1,266.7	899.9	871.6	829.2	42.39	20.559	
7,900.0	7,371.5	7,606.4	7,371.5	50.8	34.0	-48.48		-1,266.7	899.9	871.6	828.9	42.67	20.426	
7,966.2	7,437.7	7,672.5	7,437.7	50.9	34.1	-48.48		-1,266.7	899.9	871.6	828.7	42.86	20.338	
8,000.0	7,471.5	7,704.8	7,470.0	50.9	34.1	-48.48		-1,266.7	899.9	871.6	828.7	42.95	20.295	
8,013.5	7,485.0	7,704.8	7,470.0	50.9	34.1	-48.48		-1,266.7	899.9	871.7	828.8	42.96	20.290	



<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Project:</b>	SEC.26-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Reference Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (7-16-12)	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 4968.0ft (Original Well Elev) Coordinates are relative to: Casa Loma 22-25  
Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone  
Central Meridian is -105.500000 ° Grid Convergence at Surface is: 0.42°



<b>Company:</b>	BAYSWATER EXPLORATION & PRODUCTION	<b>Local Co-ordinate Reference:</b>	Well Casa Loma 22-25
<b>Project:</b>	SEC.26-T7N-R67W	<b>TVD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Reference Site:</b>	Casa Loma 8 Pad Sec.26-T7N-R67W	<b>MD Reference:</b>	WELL @ 4968.0ft (Original Well Elev)
<b>Site Error:</b>	0.0ft	<b>North Reference:</b>	True
<b>Reference Well:</b>	Casa Loma 22-25	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Well Error:</b>	0.0ft	<b>Output errors are at</b>	2.00 sigma
<b>Reference Wellbore</b>	Wellbore #1	<b>Database:</b>	Landmark
<b>Reference Design:</b>	Plan #1 (7-16-12)	<b>Offset TVD Reference:</b>	Offset Datum

Reference Depths are relative to WELL @ 4968.0ft (Original Well Elev) Coordinates are relative to: Casa Loma 22-25  
Offset Depths are relative to Offset Datum  
Central Meridian is -105.500000 °  
Coordinate System is US State Plane 1983, Colorado Northern Zone  
Grid Convergence at Surface is: 0.42°

