ENSIGN Directional

Well Name: Triangle 4-22

Surface Location: Triangle 4 Pad Sec.22-T7N-R65W

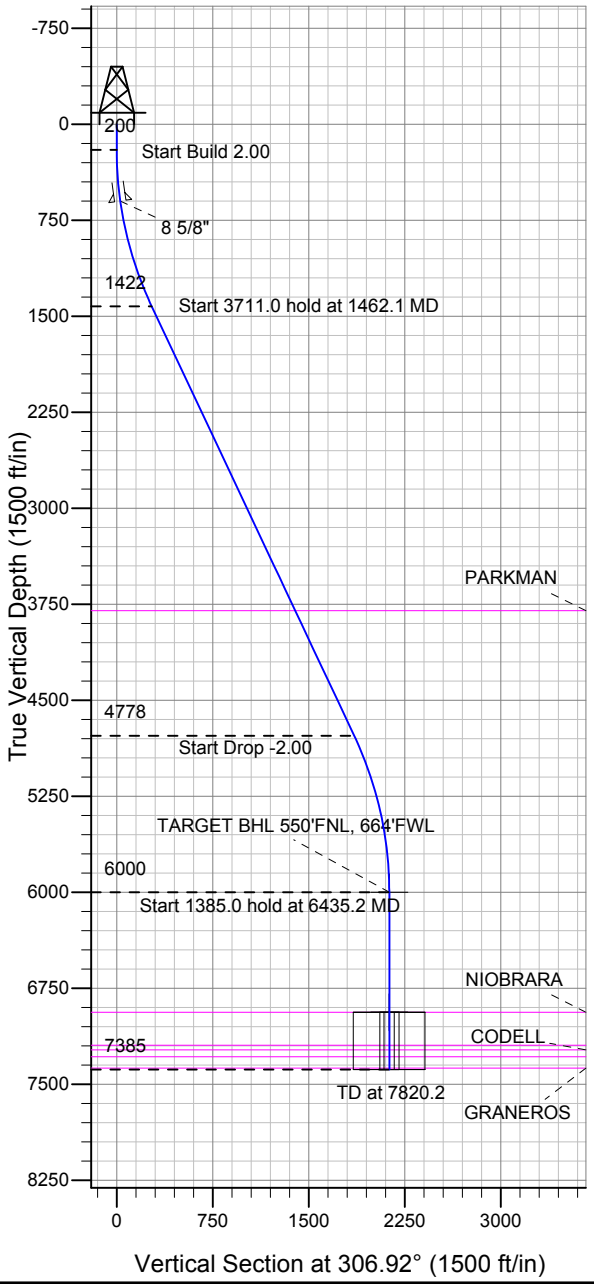
North American Datum 1983 US State Plane 1983 Colorado Northern Zone

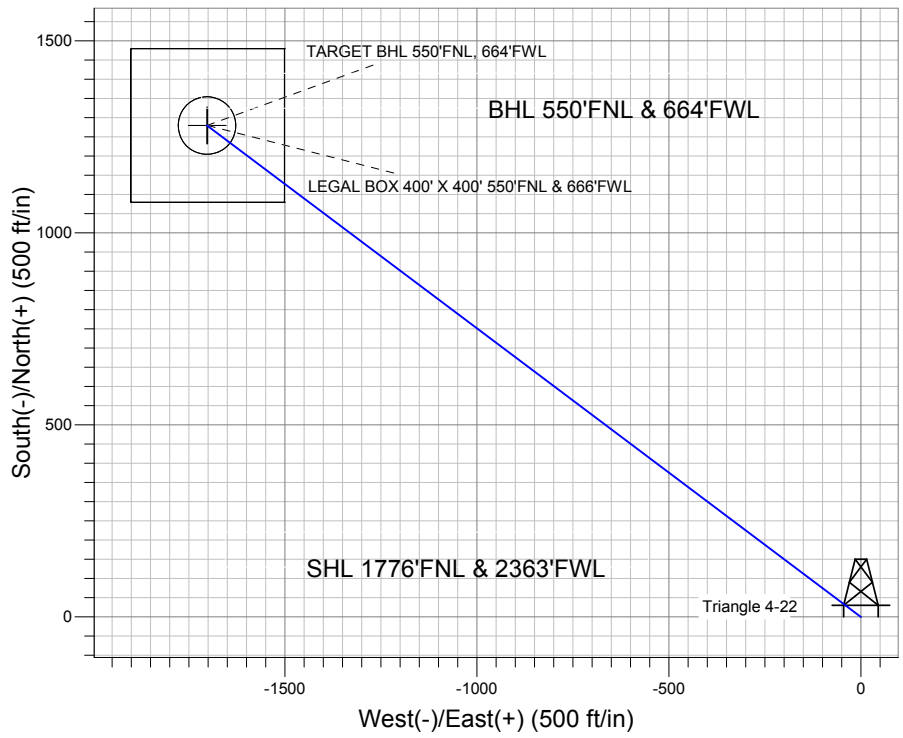
Ground Elevation: 4832.0

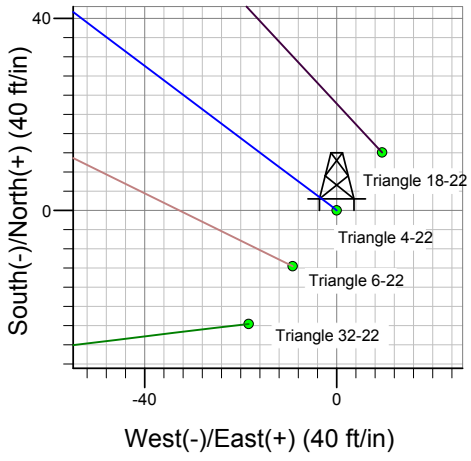
+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.0	0.0	1448664.11	3236065.71	40.561878	-104.650357	

Original Well Elev WELL @ 4848.0ft (Original Well Elev)

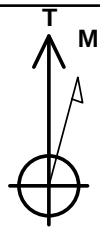
BAYSWATER EXPLORATION & PRODUCTION







Triangle 4 Pad Sec.22-T7N-R65W
Triangle 4-22
Plan #1 (10-02-12)



Azimuths to True North
Magnetic North: 8.64°

Magnetic Field
Strength: 53091.1snT
Dip Angle: 67.16°
Date: 10/2/2012
Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 550'FNL, 664'FWL	6000.0	1279.2	-1702.6	40.565389	-104.656485	Point
LEGAL BOX 400' X 400' 550'FNL & 666'FWL	6938.0	1279.2	-1700.6	40.565389	-104.656478	Rectangle (Sides: L400.0 W400.0)
TARGET CIRCLE 550'FNL & 664'FWL	6938.0	1279.2	-1702.6	40.565389	-104.656485	Circle (Radius: 75.0)

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	1462.1	25.24	306.92	1421.7	164.3	-218.7	2.00	306.92	273.5	
4	5173.1	25.24	306.92	4778.3	1114.9	-1483.9	0.00	0.00	1856.1	
5	6435.2	0.00	0.00	6000.0	1279.2	-1702.6	2.00	180.00	2129.6	TARGET BHL 550'FNL, 664'FWL
6	7820.2	0.00	0.00	7385.0	1279.2	-1702.6	0.00	0.00	2129.6	

ENSIGN Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.22-T7N-R65W
Triangle 4 Pad Sec.22-T7N-R65W
Triangle 4-22

Wellbore #1

Plan: Plan #1 (10-02-12)

Standard Planning Report

02 October, 2012

Database:	Landmark	**Local Co-ordinate Reference:**	Well Triangle 4-22
Company:	BAYSWATER EXPLORATION & PRODUCTION	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Project:	SEC.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site:	Triangle 4 Pad Sec.22-T7N-R65W	**North Reference:**	True
Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-02-12)		

Project SEC.22-T7N-R65W, Weld County, Colorado

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		Using Well Reference Point
Map Zone:	Colorado Northern Zone		Using geodetic scale factor

Site Triangle 4 Pad Sec.22-T7N-R65W

Site Position:		**Northing:**	1,448,664.11 ft	**Latitude:**	40.561878
From:	Lat/Long	**Easting:**	3,236,065.71 ft	**Longitude:**	-104.650357
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.55 °

Well Triangle 4-22

Well Position	**+N/-S**	0.0 ft	**Northing:**	1,448,664.11 ft	**Latitude:**	40.561878
	+E/-W	0.0 ft	**Easting:**	3,236,065.71 ft	**Longitude:**	-104.650357
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	4,832.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/2/2012	8.64	67.16	53,091

Design Plan #1 (10-02-12)

Audit Notes:

Version:		**Phase:**	PROTOTYPE	**Tie On Depth:**	0.0

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	306.92

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	
1,462.1	25.24	306.92	1,421.7	164.3	-218.7	2.00	2.00	0.00	306.92	
5,173.1	25.24	306.92	4,778.3	1,114.9	-1,483.9	0.00	0.00	0.00	0.00	
6,435.2	0.00	0.00	6,000.0	1,279.2	-1,702.6	2.00	-2.00	0.00	180.00	TARGET BHL 550'I
7,820.2	0.00	0.00	7,385.0	1,279.2	-1,702.6	0.00	0.00	0.00	0.00	

Database:	Landmark	**Local Co-ordinate Reference:**	Well Triangle 4-22
Company:	BAYSWATER EXPLORATION & PRODUCTION	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Project:	SEC.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site:	Triangle 4 Pad Sec.22-T7N-R65W	**North Reference:**	True
Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-02-12)		

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	306.92	240.0	0.2	-0.2	0.3	2.00	2.00	0.00
280.0	1.60	306.92	280.0	0.7	-0.9	1.1	2.00	2.00	0.00
320.0	2.40	306.92	320.0	1.5	-2.0	2.5	2.00	2.00	0.00
360.0	3.20	306.92	359.9	2.7	-3.6	4.5	2.00	2.00	0.00
400.0	4.00	306.92	399.8	4.2	-5.6	7.0	2.00	2.00	0.00
440.0	4.80	306.92	439.7	6.0	-8.0	10.0	2.00	2.00	0.00
480.0	5.60	306.92	479.6	8.2	-10.9	13.7	2.00	2.00	0.00
520.0	6.40	306.92	519.3	10.7	-14.3	17.9	2.00	2.00	0.00
560.0	7.20	306.92	559.1	13.6	-18.1	22.6	2.00	2.00	0.00
600.0	8.00	306.92	598.7	16.7	-22.3	27.9	2.00	2.00	0.00
601.3	8.03	306.92	600.0	16.9	-22.4	28.1	2.00	2.00	0.00
8 5/8"									
640.0	8.80	306.92	638.3	20.3	-27.0	33.7	2.00	2.00	0.00
680.0	9.60	306.92	677.8	24.1	-32.1	40.1	2.00	2.00	0.00
720.0	10.40	306.92	717.1	28.3	-37.6	47.1	2.00	2.00	0.00
760.0	11.20	306.92	756.4	32.8	-43.6	54.6	2.00	2.00	0.00
800.0	12.00	306.92	795.6	37.6	-50.1	62.6	2.00	2.00	0.00
840.0	12.80	306.92	834.7	42.8	-56.9	71.2	2.00	2.00	0.00
880.0	13.60	306.92	873.6	48.2	-64.2	80.3	2.00	2.00	0.00
920.0	14.40	306.92	912.4	54.1	-72.0	90.0	2.00	2.00	0.00
960.0	15.20	306.92	951.1	60.2	-80.1	100.2	2.00	2.00	0.00
1,000.0	16.00	306.92	989.6	66.7	-88.7	111.0	2.00	2.00	0.00
1,040.0	16.80	306.92	1,028.0	73.4	-97.8	122.3	2.00	2.00	0.00
1,080.0	17.60	306.92	1,066.2	80.5	-107.2	134.1	2.00	2.00	0.00
1,120.0	18.40	306.92	1,104.3	88.0	-117.1	146.5	2.00	2.00	0.00
1,160.0	19.20	306.92	1,142.1	95.7	-127.4	159.3	2.00	2.00	0.00
1,200.0	20.00	306.92	1,179.8	103.8	-138.1	172.8	2.00	2.00	0.00
1,240.0	20.80	306.92	1,217.3	112.2	-149.3	186.7	2.00	2.00	0.00
1,280.0	21.60	306.92	1,254.6	120.8	-160.8	201.2	2.00	2.00	0.00
1,320.0	22.40	306.92	1,291.7	129.8	-172.8	216.2	2.00	2.00	0.00
1,360.0	23.20	306.92	1,328.6	139.2	-185.2	231.7	2.00	2.00	0.00
1,400.0	24.00	306.92	1,365.2	148.8	-198.0	247.7	2.00	2.00	0.00
1,440.0	24.80	306.92	1,401.6	158.7	-211.2	264.2	2.00	2.00	0.00
1,462.1	25.24	306.92	1,421.7	164.3	-218.7	273.5	2.00	2.00	0.00
1,480.0	25.24	306.92	1,437.9	168.9	-224.8	281.2	0.00	0.00	0.00
1,520.0	25.24	306.92	1,474.0	179.1	-238.4	298.2	0.00	0.00	0.00
1,560.0	25.24	306.92	1,510.2	189.4	-252.1	315.3	0.00	0.00	0.00
1,600.0	25.24	306.92	1,546.4	199.6	-265.7	332.4	0.00	0.00	0.00
1,640.0	25.24	306.92	1,582.6	209.9	-279.3	349.4	0.00	0.00	0.00
1,680.0	25.24	306.92	1,618.8	220.1	-293.0	366.5	0.00	0.00	0.00
1,720.0	25.24	306.92	1,654.9	230.4	-306.6	383.5	0.00	0.00	0.00
1,760.0	25.24	306.92	1,691.1	240.6	-320.3	400.6	0.00	0.00	0.00
1,800.0	25.24	306.92	1,727.3	250.9	-333.9	417.6	0.00	0.00	0.00
1,840.0	25.24	306.92	1,763.5	261.1	-347.5	434.7	0.00	0.00	0.00
1,880.0	25.24	306.92	1,799.7	271.4	-361.2	451.8	0.00	0.00	0.00
1,920.0	25.24	306.92	1,835.8	281.6	-374.8	468.8	0.00	0.00	0.00
1,960.0	25.24	306.92	1,872.0	291.8	-388.4	485.9	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Triangle 4-22
Company:	BAYSWATER EXPLORATION & PRODUCTION	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Project:	SEC.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site:	Triangle 4 Pad Sec.22-T7N-R65W	**North Reference:**	True
Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-02-12)		

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	25.24	306.92	1,908.2	302.1	-402.1	502.9	0.00	0.00	0.00
2,040.0	25.24	306.92	1,944.4	312.3	-415.7	520.0	0.00	0.00	0.00
2,080.0	25.24	306.92	1,980.6	322.6	-429.4	537.0	0.00	0.00	0.00
2,120.0	25.24	306.92	2,016.7	332.8	-443.0	554.1	0.00	0.00	0.00
2,160.0	25.24	306.92	2,052.9	343.1	-456.6	571.2	0.00	0.00	0.00
2,200.0	25.24	306.92	2,089.1	353.3	-470.3	588.2	0.00	0.00	0.00
2,240.0	25.24	306.92	2,125.3	363.6	-483.9	605.3	0.00	0.00	0.00
2,280.0	25.24	306.92	2,161.5	373.8	-497.5	622.3	0.00	0.00	0.00
2,320.0	25.24	306.92	2,197.7	384.1	-511.2	639.4	0.00	0.00	0.00
2,360.0	25.24	306.92	2,233.8	394.3	-524.8	656.4	0.00	0.00	0.00
2,400.0	25.24	306.92	2,270.0	404.6	-538.5	673.5	0.00	0.00	0.00
2,440.0	25.24	306.92	2,306.2	414.8	-552.1	690.6	0.00	0.00	0.00
2,480.0	25.24	306.92	2,342.4	425.0	-565.7	707.6	0.00	0.00	0.00
2,520.0	25.24	306.92	2,378.6	435.3	-579.4	724.7	0.00	0.00	0.00
2,560.0	25.24	306.92	2,414.7	445.5	-593.0	741.7	0.00	0.00	0.00
2,600.0	25.24	306.92	2,450.9	455.8	-606.6	758.8	0.00	0.00	0.00
2,640.0	25.24	306.92	2,487.1	466.0	-620.3	775.8	0.00	0.00	0.00
2,680.0	25.24	306.92	2,523.3	476.3	-633.9	792.9	0.00	0.00	0.00
2,720.0	25.24	306.92	2,559.5	486.5	-647.6	810.0	0.00	0.00	0.00
2,760.0	25.24	306.92	2,595.6	496.8	-661.2	827.0	0.00	0.00	0.00
2,800.0	25.24	306.92	2,631.8	507.0	-674.8	844.1	0.00	0.00	0.00
2,840.0	25.24	306.92	2,668.0	517.3	-688.5	861.1	0.00	0.00	0.00
2,880.0	25.24	306.92	2,704.2	527.5	-702.1	878.2	0.00	0.00	0.00
2,920.0	25.24	306.92	2,740.4	537.8	-715.7	895.2	0.00	0.00	0.00
2,960.0	25.24	306.92	2,776.5	548.0	-729.4	912.3	0.00	0.00	0.00
3,000.0	25.24	306.92	2,812.7	558.2	-743.0	929.4	0.00	0.00	0.00
3,040.0	25.24	306.92	2,848.9	568.5	-756.7	946.4	0.00	0.00	0.00
3,080.0	25.24	306.92	2,885.1	578.7	-770.3	963.5	0.00	0.00	0.00
3,120.0	25.24	306.92	2,921.3	589.0	-783.9	980.5	0.00	0.00	0.00
3,160.0	25.24	306.92	2,957.4	599.2	-797.6	997.6	0.00	0.00	0.00
3,200.0	25.24	306.92	2,993.6	609.5	-811.2	1,014.7	0.00	0.00	0.00
3,240.0	25.24	306.92	3,029.8	619.7	-824.8	1,031.7	0.00	0.00	0.00
3,280.0	25.24	306.92	3,066.0	630.0	-838.5	1,048.8	0.00	0.00	0.00
3,320.0	25.24	306.92	3,102.2	640.2	-852.1	1,065.8	0.00	0.00	0.00
3,360.0	25.24	306.92	3,138.4	650.5	-865.8	1,082.9	0.00	0.00	0.00
3,400.0	25.24	306.92	3,174.5	660.7	-879.4	1,099.9	0.00	0.00	0.00
3,440.0	25.24	306.92	3,210.7	671.0	-893.0	1,117.0	0.00	0.00	0.00
3,480.0	25.24	306.92	3,246.9	681.2	-906.7	1,134.1	0.00	0.00	0.00
3,520.0	25.24	306.92	3,283.1	691.4	-920.3	1,151.1	0.00	0.00	0.00
3,560.0	25.24	306.92	3,319.3	701.7	-933.9	1,168.2	0.00	0.00	0.00
3,600.0	25.24	306.92	3,355.4	711.9	-947.6	1,185.2	0.00	0.00	0.00
3,640.0	25.24	306.92	3,391.6	722.2	-961.2	1,202.3	0.00	0.00	0.00
3,680.0	25.24	306.92	3,427.8	732.4	-974.9	1,219.3	0.00	0.00	0.00
3,720.0	25.24	306.92	3,464.0	742.7	-988.5	1,236.4	0.00	0.00	0.00
3,760.0	25.24	306.92	3,500.2	752.9	-1,002.1	1,253.5	0.00	0.00	0.00
3,800.0	25.24	306.92	3,536.3	763.2	-1,015.8	1,270.5	0.00	0.00	0.00
3,840.0	25.24	306.92	3,572.5	773.4	-1,029.4	1,287.6	0.00	0.00	0.00
3,880.0	25.24	306.92	3,608.7	783.7	-1,043.0	1,304.6	0.00	0.00	0.00
3,920.0	25.24	306.92	3,644.9	793.9	-1,056.7	1,321.7	0.00	0.00	0.00
3,960.0	25.24	306.92	3,681.1	804.2	-1,070.3	1,338.7	0.00	0.00	0.00
4,000.0	25.24	306.92	3,717.2	814.4	-1,084.0	1,355.8	0.00	0.00	0.00
4,040.0	25.24	306.92	3,753.4	824.6	-1,097.6	1,372.9	0.00	0.00	0.00
4,080.0	25.24	306.92	3,789.6	834.9	-1,111.2	1,389.9	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Triangle 4-22
Company:	BAYSWATER EXPLORATION & PRODUCTION	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Project:	SEC.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site:	Triangle 4 Pad Sec.22-T7N-R65W	**North Reference:**	True
Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-02-12)		

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)
4,091.5	25.24	306.92	3,800.0	837.8	-1,115.1	1,394.8	0.00	0.00	0.00
PARKMAN									
4,120.0	25.24	306.92	3,825.8	845.1	-1,124.9	1,407.0	0.00	0.00	0.00
4,160.0	25.24	306.92	3,862.0	855.4	-1,138.5	1,424.0	0.00	0.00	0.00
4,200.0	25.24	306.92	3,898.1	865.6	-1,152.1	1,441.1	0.00	0.00	0.00
4,240.0	25.24	306.92	3,934.3	875.9	-1,165.8	1,458.1	0.00	0.00	0.00
4,280.0	25.24	306.92	3,970.5	886.1	-1,179.4	1,475.2	0.00	0.00	0.00
4,320.0	25.24	306.92	4,006.7	896.4	-1,193.1	1,492.3	0.00	0.00	0.00
4,360.0	25.24	306.92	4,042.9	906.6	-1,206.7	1,509.3	0.00	0.00	0.00
4,400.0	25.24	306.92	4,079.0	916.9	-1,220.3	1,526.4	0.00	0.00	0.00
4,440.0	25.24	306.92	4,115.2	927.1	-1,234.0	1,543.4	0.00	0.00	0.00
4,480.0	25.24	306.92	4,151.4	937.3	-1,247.6	1,560.5	0.00	0.00	0.00
4,520.0	25.24	306.92	4,187.6	947.6	-1,261.2	1,577.5	0.00	0.00	0.00
4,560.0	25.24	306.92	4,223.8	957.8	-1,274.9	1,594.6	0.00	0.00	0.00
4,600.0	25.24	306.92	4,260.0	968.1	-1,288.5	1,611.7	0.00	0.00	0.00
4,640.0	25.24	306.92	4,296.1	978.3	-1,302.2	1,628.7	0.00	0.00	0.00
4,680.0	25.24	306.92	4,332.3	988.6	-1,315.8	1,645.8	0.00	0.00	0.00
4,720.0	25.24	306.92	4,368.5	998.8	-1,329.4	1,662.8	0.00	0.00	0.00
4,760.0	25.24	306.92	4,404.7	1,009.1	-1,343.1	1,679.9	0.00	0.00	0.00
4,800.0	25.24	306.92	4,440.9	1,019.3	-1,356.7	1,697.0	0.00	0.00	0.00
4,840.0	25.24	306.92	4,477.0	1,029.6	-1,370.3	1,714.0	0.00	0.00	0.00
4,880.0	25.24	306.92	4,513.2	1,039.8	-1,384.0	1,731.1	0.00	0.00	0.00
4,920.0	25.24	306.92	4,549.4	1,050.1	-1,397.6	1,748.1	0.00	0.00	0.00
4,960.0	25.24	306.92	4,585.6	1,060.3	-1,411.2	1,765.2	0.00	0.00	0.00
5,000.0	25.24	306.92	4,621.8	1,070.5	-1,424.9	1,782.2	0.00	0.00	0.00
5,040.0	25.24	306.92	4,657.9	1,080.8	-1,438.5	1,799.3	0.00	0.00	0.00
5,080.0	25.24	306.92	4,694.1	1,091.0	-1,452.2	1,816.4	0.00	0.00	0.00
5,120.0	25.24	306.92	4,730.3	1,101.3	-1,465.8	1,833.4	0.00	0.00	0.00
5,160.0	25.24	306.92	4,766.5	1,111.5	-1,479.4	1,850.5	0.00	0.00	0.00
5,173.1	25.24	306.92	4,778.3	1,114.9	-1,483.9	1,856.1	0.00	0.00	0.00
5,200.0	24.70	306.92	4,802.7	1,121.7	-1,493.0	1,867.4	2.00	-2.00	0.00
5,240.0	23.90	306.92	4,839.2	1,131.6	-1,506.1	1,883.9	2.00	-2.00	0.00
5,280.0	23.10	306.92	4,875.9	1,141.2	-1,518.9	1,899.8	2.00	-2.00	0.00
5,320.0	22.30	306.92	4,912.8	1,150.5	-1,531.2	1,915.3	2.00	-2.00	0.00
5,360.0	21.50	306.92	4,949.9	1,159.4	-1,543.2	1,930.2	2.00	-2.00	0.00
5,400.0	20.70	306.92	4,987.2	1,168.1	-1,554.7	1,944.6	2.00	-2.00	0.00
5,440.0	19.90	306.92	5,024.7	1,176.4	-1,565.8	1,958.5	2.00	-2.00	0.00
5,480.0	19.10	306.92	5,062.4	1,184.4	-1,576.5	1,971.8	2.00	-2.00	0.00
5,520.0	18.30	306.92	5,100.3	1,192.1	-1,586.7	1,984.7	2.00	-2.00	0.00
5,560.0	17.50	306.92	5,138.3	1,199.5	-1,596.5	1,996.9	2.00	-2.00	0.00
5,600.0	16.70	306.92	5,176.6	1,206.6	-1,606.0	2,008.7	2.00	-2.00	0.00
5,640.0	15.90	306.92	5,215.0	1,213.3	-1,614.9	2,019.9	2.00	-2.00	0.00
5,680.0	15.10	306.92	5,253.5	1,219.8	-1,623.5	2,030.6	2.00	-2.00	0.00
5,720.0	14.30	306.92	5,292.2	1,225.9	-1,631.6	2,040.8	2.00	-2.00	0.00
5,760.0	13.50	306.92	5,331.0	1,231.6	-1,639.3	2,050.4	2.00	-2.00	0.00
5,800.0	12.70	306.92	5,370.0	1,237.1	-1,646.5	2,059.5	2.00	-2.00	0.00
5,840.0	11.90	306.92	5,409.1	1,242.2	-1,653.3	2,068.0	2.00	-2.00	0.00
5,880.0	11.10	306.92	5,448.3	1,247.0	-1,659.7	2,076.0	2.00	-2.00	0.00
5,920.0	10.30	306.92	5,487.6	1,251.4	-1,665.7	2,083.4	2.00	-2.00	0.00
5,960.0	9.50	306.92	5,527.0	1,255.6	-1,671.2	2,090.3	2.00	-2.00	0.00
6,000.0	8.70	306.92	5,566.5	1,259.4	-1,676.2	2,096.6	2.00	-2.00	0.00
6,040.0	7.90	306.92	5,606.1	1,262.9	-1,680.8	2,102.4	2.00	-2.00	0.00
6,080.0	7.10	306.92	5,645.7	1,266.0	-1,685.0	2,107.6	2.00	-2.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Triangle 4-22
Company:	BAYSWATER EXPLORATION & PRODUCTION	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Project:	SEC.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site:	Triangle 4 Pad Sec.22-T7N-R65W	**North Reference:**	True
Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-02-12)		

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)
6,120.0	6.30	306.92	5,685.4	1,268.8	-1,688.8	2,112.3	2.00	-2.00	0.00
6,160.0	5.50	306.92	5,725.2	1,271.3	-1,692.0	2,116.4	2.00	-2.00	0.00
6,200.0	4.70	306.92	5,765.1	1,273.4	-1,694.9	2,120.0	2.00	-2.00	0.00
6,240.0	3.90	306.92	5,804.9	1,275.2	-1,697.3	2,123.0	2.00	-2.00	0.00
6,280.0	3.10	306.92	5,844.9	1,276.7	-1,699.2	2,125.4	2.00	-2.00	0.00
6,320.0	2.30	306.92	5,884.8	1,277.8	-1,700.7	2,127.3	2.00	-2.00	0.00
6,360.0	1.50	306.92	5,924.8	1,278.6	-1,701.8	2,128.6	2.00	-2.00	0.00
6,400.0	0.70	306.92	5,964.8	1,279.1	-1,702.4	2,129.4	2.00	-2.00	0.00
6,435.2	0.00	0.00	6,000.0	1,279.2	-1,702.6	2,129.6	2.00	-2.00	0.00
6,440.0	0.00	0.00	6,004.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,480.0	0.00	0.00	6,044.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,520.0	0.00	0.00	6,084.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,560.0	0.00	0.00	6,124.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,600.0	0.00	0.00	6,164.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,640.0	0.00	0.00	6,204.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,680.0	0.00	0.00	6,244.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,720.0	0.00	0.00	6,284.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,760.0	0.00	0.00	6,324.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,800.0	0.00	0.00	6,364.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,840.0	0.00	0.00	6,404.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,880.0	0.00	0.00	6,444.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,920.0	0.00	0.00	6,484.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
6,960.0	0.00	0.00	6,524.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,000.0	0.00	0.00	6,564.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,040.0	0.00	0.00	6,604.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,080.0	0.00	0.00	6,644.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,120.0	0.00	0.00	6,684.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,160.0	0.00	0.00	6,724.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,200.0	0.00	0.00	6,764.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,240.0	0.00	0.00	6,804.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,280.0	0.00	0.00	6,844.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,320.0	0.00	0.00	6,884.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,360.0	0.00	0.00	6,924.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,373.2	0.00	0.00	6,938.0	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
NIOBRARA									
7,400.0	0.00	0.00	6,964.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,440.0	0.00	0.00	7,004.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,480.0	0.00	0.00	7,044.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,520.0	0.00	0.00	7,084.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,560.0	0.00	0.00	7,124.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,600.0	0.00	0.00	7,164.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,631.2	0.00	0.00	7,196.0	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
FORT HAYS									
7,640.0	0.00	0.00	7,204.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,667.2	0.00	0.00	7,232.0	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
CODELL									
7,680.0	0.00	0.00	7,244.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,720.0	0.00	0.00	7,284.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,721.2	0.00	0.00	7,286.0	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
GREENHORN									
7,760.0	0.00	0.00	7,324.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
7,800.0	0.00	0.00	7,364.8	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Triangle 4-22
Company:	BAYSWATER EXPLORATION & PRODUCTION	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Project:	SEC.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site:	Triangle 4 Pad Sec.22-T7N-R65W	**North Reference:**	True
Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-02-12)		

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)
7,809.2	0.00	0.00	7,374.0	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00
GRANEROS									
7,820.2	0.00	0.00	7,385.0	1,279.2	-1,702.6	2,129.6	0.00	0.00	0.00

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
601.3	600.0	8 5/8"	8-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
4,091.5	3,800.0	PARKMAN		0.00	
7,373.2	6,938.0	NIOBRARA		0.00	
7,631.2	7,196.0	FORT HAYS		0.00	
7,667.2	7,232.0	CODELL		0.00	
7,721.2	7,286.0	GREENHORN		0.00	
7,809.2	7,374.0	GRANEROS		0.00	

ENSIGN
Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.22-T7N-R65W
Triangle 4 Pad Sec.22-T7N-R65W
Triangle 4-22

Wellbore #1
Plan #1 (10-02-12)

Anticollision Report

02 October, 2012

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 4-22
Project:	SEC.22-T7N-R65W	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Reference Site:	Triangle 4 Pad Sec.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	Landmark
Reference Design:	Plan #1 (10-02-12)	**Offset TVD Reference:**	Offset Datum

Reference Plan #1 (10-02-12)

Filter type:	NO GLOBAL FILTER: Using user defined selection & filtering criteria		
Interpolation Method:	Stations	**Error Model:**	ISCWSA
Depth Range:	Unlimited	**Scan Method:**	Closest Approach 3D
Results Limited by:	Maximum center-center distance of 10,000.0ft	**Error Surface:**	Elliptical Conic
Warning Levels Evaluated at:	2.00 **Sigma**		

Survey Tool Program **Date** 10/2/2012

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	7,820.2	Plan #1 (10-02-12) (Wellbore #1)	MWD	MWD - Standard

Summary

Site Name / Offset Well - Wellbore - Design	Reference Measured Depth (ft)	Offset Measured Depth (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Separation Factor	Warning
Triangle 4 Pad Sec.22-T7N-R65W						
Triangle 18-22 - Wellbore #1 - Plan #1 (10-02-12)	200.0	200.0	15.3	14.6	22.671	CC
Triangle 18-22 - Wellbore #1 - Plan #1 (10-02-12)	300.0	300.0	15.4	14.3	13.769	ES
Triangle 18-22 - Wellbore #1 - Plan #1 (10-02-12)	400.0	399.8	16.9	15.4	10.764	SF
Triangle 32-22 - Wellbore #1 - Plan #1 (10-02-12)	200.0	200.0	30.0	29.3	44.433	CC, ES
Triangle 32-22 - Wellbore #1 - Plan #1 (10-02-12)	7,820.2	7,889.2	1,680.0	1,590.4	18.746	SF
Triangle 6-22 - Wellbore #1 - Plan #1 (10-02-12)	243.2	243.2	14.8	14.0	17.105	CC
Triangle 6-22 - Wellbore #1 - Plan #1 (10-02-12)	300.0	300.0	14.9	13.8	13.298	ES
Triangle 6-22 - Wellbore #1 - Plan #1 (10-02-12)	400.0	399.8	16.3	14.7	10.307	SF

Offset Design Triangle 4 Pad Sec.22-T7N-R65W - Triangle 18-22 - Wellbore #1 - Plan #1 (10-02-12) **Offset Site Error:** 0.0 ft

Survey Program: 0-MWD **Offset Well Error:** 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	38.17	12.0	9.4	15.3	15.3	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	38.17	12.0	9.4	15.3	15.1	0.22	68.013	
200.0	200.0	200.0	200.0	0.3	0.3	38.17	12.0	9.4	15.3	14.6	0.67	22.671	CC
214.5	214.5	214.5	214.5	0.4	0.4	91.39	12.0	9.4	15.3	14.5	0.74	20.681	
300.0	300.0	300.0	300.0	0.6	0.6	97.74	12.0	9.4	15.4	14.3	1.12	13.769	ES
400.0	399.8	399.8	399.8	0.8	0.8	115.51	12.0	9.4	16.9	15.4	1.57	10.764	SF
500.0	499.5	499.5	499.5	1.0	1.0	136.20	12.0	9.4	22.1	20.1	2.04	10.849	
600.0	598.7	598.7	598.7	1.3	1.2	151.32	12.0	9.4	32.1	29.6	2.51	12.790	
700.0	697.5	697.5	697.5	1.7	1.5	160.51	12.0	9.4	46.4	43.5	2.97	15.624	
800.0	795.6	795.6	795.6	2.0	1.7	166.06	12.0	9.4	64.8	61.3	3.44	18.850	
900.0	893.1	895.7	895.7	2.5	1.9	169.25	13.2	8.4	85.3	81.4	3.89	21.910	
1,000.0	989.6	996.7	996.5	3.0	2.1	170.87	17.0	4.9	106.2	101.8	4.35	24.407	
1,100.0	1,085.3	1,098.4	1,097.8	3.6	2.4	171.66	23.4	-1.1	127.2	122.4	4.82	26.394	
1,200.0	1,179.8	1,200.8	1,199.5	4.2	2.6	171.97	32.5	-9.6	148.3	143.0	5.30	27.960	
1,300.0	1,273.2	1,304.0	1,301.4	4.9	2.9	171.98	44.4	-20.6	169.4	163.6	5.81	29.169	
1,400.0	1,365.2	1,407.9	1,403.4	5.7	3.3	171.77	59.1	-34.3	190.5	184.2	6.34	30.069	
1,462.1	1,421.7	1,472.9	1,466.7	6.2	3.5	171.57	69.6	-44.1	203.7	197.0	6.68	30.483	
1,500.0	1,455.9	1,512.7	1,505.4	6.5	3.7	171.43	76.6	-50.6	211.4	204.5	6.91	30.578	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 4-22
Project:	SEC.22-T7N-R65W	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Reference Site:	Triangle 4 Pad Sec.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	Landmark
Reference Design:	Plan #1 (10-02-12)	**Offset TVD Reference:**	Offset Datum

Offset Design Triangle 4 Pad Sec.22-T7N-R65W - Triangle 18-22 - Wellbore #1 - Plan #1 (10-02-12)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
1,600.0	1,546.4	1,618.8	1,607.7	7.4	4.1	170.89	97.2	-69.6	229.6	222.0	7.56	30.366	
1,700.0	1,636.9	1,718.8	1,703.5	8.3	4.6	170.28	118.2	-89.2	245.5	237.2	8.24	29.802	
1,800.0	1,727.3	1,817.5	1,798.0	9.2	5.1	169.74	139.0	-108.5	261.3	252.4	8.92	29.302	
1,900.0	1,817.8	1,916.2	1,892.5	10.1	5.7	169.27	159.8	-127.9	277.2	267.6	9.63	28.802	
2,000.0	1,908.2	2,014.9	1,987.1	11.0	6.2	168.84	180.6	-147.2	293.2	282.8	10.35	28.336	
2,100.0	1,998.7	2,113.6	2,081.6	11.9	6.7	168.46	201.4	-166.5	309.1	298.0	11.08	27.903	
2,200.0	2,089.1	2,212.3	2,176.1	12.8	7.3	168.12	222.2	-185.8	325.0	313.2	11.82	27.501	
2,300.0	2,179.6	2,311.0	2,270.7	13.6	7.9	167.81	243.0	-205.2	341.0	328.4	12.57	27.129	
2,400.0	2,270.0	2,409.7	2,365.2	14.6	8.4	167.53	263.9	-224.5	357.0	343.6	13.33	26.785	
2,500.0	2,360.5	2,508.4	2,459.7	15.5	9.0	167.27	284.7	-243.8	372.9	358.8	14.09	26.466	
2,600.0	2,450.9	2,607.1	2,554.2	16.4	9.6	167.03	305.5	-263.2	388.9	374.1	14.86	26.171	
2,700.0	2,541.4	2,705.8	2,648.8	17.3	10.1	166.81	326.3	-282.5	404.9	389.3	15.63	25.897	
2,800.0	2,631.8	2,804.5	2,743.3	18.2	10.7	166.61	347.1	-301.8	420.9	404.5	16.41	25.642	
2,900.0	2,722.3	2,903.2	2,837.8	19.1	11.3	166.43	367.9	-321.1	436.9	419.7	17.20	25.405	
3,000.0	2,812.7	3,001.9	2,932.4	20.0	11.9	166.25	388.7	-340.5	452.9	434.9	17.98	25.184	
3,100.0	2,903.2	3,100.6	3,026.9	20.9	12.5	166.09	409.5	-359.8	468.9	450.1	18.77	24.977	
3,200.0	2,993.6	3,199.3	3,121.4	21.8	13.0	165.94	430.3	-379.1	484.9	465.3	19.56	24.784	
3,300.0	3,084.1	3,298.0	3,215.9	22.7	13.6	165.80	451.1	-398.5	500.9	480.5	20.36	24.603	
3,400.0	3,174.5	3,396.7	3,310.5	23.6	14.2	165.66	471.9	-417.8	516.9	495.7	21.16	24.433	
3,500.0	3,265.0	3,495.4	3,405.0	24.5	14.8	165.54	492.7	-437.1	532.9	511.0	21.95	24.274	
3,600.0	3,355.4	3,594.1	3,499.5	25.4	15.4	165.42	513.5	-456.5	548.9	526.2	22.76	24.123	
3,700.0	3,445.9	3,692.9	3,594.1	26.3	16.0	165.31	534.3	-475.8	565.0	541.4	23.56	23.981	
3,800.0	3,536.3	3,791.6	3,688.6	27.2	16.6	165.21	555.2	-495.1	581.0	556.6	24.36	23.848	
3,900.0	3,626.8	3,890.3	3,783.1	28.1	17.1	165.11	576.0	-514.4	597.0	571.8	25.17	23.721	
4,000.0	3,717.2	3,989.0	3,877.6	29.0	17.7	165.01	596.8	-533.8	613.0	587.0	25.97	23.601	
4,100.0	3,807.7	4,087.7	3,972.2	29.9	18.3	164.92	617.6	-553.1	629.0	602.3	26.78	23.487	
4,200.0	3,898.1	4,186.4	4,066.7	30.9	18.9	164.84	638.4	-572.4	645.1	617.5	27.59	23.379	
4,300.0	3,988.6	4,285.1	4,161.2	31.8	19.5	164.76	659.2	-591.8	661.1	632.7	28.40	23.277	
4,400.0	4,079.0	4,383.8	4,255.8	32.7	20.1	164.68	680.0	-611.1	677.1	647.9	29.21	23.179	
4,500.0	4,169.5	4,482.5	4,350.3	33.6	20.7	164.61	700.8	-630.4	693.2	663.1	30.02	23.086	
4,600.0	4,260.0	4,581.2	4,444.8	34.5	21.3	164.54	721.6	-649.7	709.2	678.4	30.84	22.998	
4,700.0	4,350.4	4,679.9	4,539.3	35.4	21.9	164.47	742.4	-669.1	725.2	693.6	31.65	22.913	
4,800.0	4,440.9	4,778.6	4,633.9	36.3	22.4	164.41	763.2	-688.4	741.3	708.8	32.47	22.832	
4,900.0	4,531.3	4,877.3	4,728.4	37.2	23.0	164.35	784.0	-707.7	757.3	724.0	33.28	22.755	
5,000.0	4,621.8	4,976.0	4,822.9	38.1	23.6	164.29	804.8	-727.1	773.3	739.2	34.10	22.681	
5,100.0	4,712.2	5,074.7	4,917.5	39.0	24.2	164.23	825.6	-746.4	789.4	754.5	34.91	22.610	
5,173.1	4,778.3	5,144.6	4,984.4	39.7	24.6	164.19	840.4	-760.1	801.1	765.6	35.50	22.568	
5,200.0	4,802.7	5,165.7	5,004.7	39.9	24.7	164.21	844.7	-764.1	805.5	769.8	35.70	22.561	
5,300.0	4,894.3	5,244.3	5,080.5	40.6	25.1	164.27	859.9	-778.3	821.1	784.7	36.38	22.567	
5,400.0	4,987.2	5,322.8	5,156.7	41.2	25.4	164.34	873.6	-791.0	835.9	798.9	36.99	22.596	
5,500.0	5,081.3	5,400.0	5,232.2	41.8	25.7	164.41	885.6	-802.1	849.8	812.3	37.53	22.643	
5,600.0	5,176.6	5,479.1	5,309.9	42.3	26.0	164.50	896.3	-812.0	862.8	824.8	38.00	22.707	
5,700.0	5,272.8	5,557.0	5,386.8	42.8	26.2	164.58	905.3	-820.4	874.9	836.5	38.39	22.790	
5,800.0	5,370.0	5,634.8	5,463.9	43.2	26.4	164.68	912.7	-827.3	886.1	847.4	38.71	22.889	
5,900.0	5,467.9	5,712.4	5,541.1	43.6	26.6	164.78	918.6	-832.8	896.4	857.4	38.96	23.005	
6,000.0	5,566.5	5,800.0	5,628.5	43.8	26.7	164.89	923.5	-837.3	905.8	866.7	39.16	23.133	
6,100.0	5,665.6	5,867.3	5,695.7	44.1	26.8	164.99	925.8	-839.5	914.2	875.0	39.25	23.293	
6,200.0	5,765.1	5,944.6	5,772.9	44.3	26.9	165.11	927.1	-840.7	921.8	882.5	39.29	23.462	
6,300.0	5,864.8	6,036.5	5,864.8	44.4	27.0	165.23	927.2	-840.8	927.9	888.6	39.29	23.617	
6,400.0	5,964.8	6,136.4	5,964.8	44.5	27.1	165.29	927.2	-840.8	930.7	891.5	39.28	23.693	
6,435.2	6,000.0	6,171.6	6,000.0	44.5	27.1	112.22	927.2	-840.8	931.0	891.7	39.28	23.701	

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

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 4-22
Project:	SEC.22-T7N-R65W	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Reference Site:	Triangle 4 Pad Sec.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	Landmark
Reference Design:	Plan #1 (10-02-12)	**Offset TVD Reference:**	Offset Datum

Offset Design Triangle 4 Pad Sec.22-T7N-R65W - Triangle 18-22 - Wellbore #1 - Plan #1 (10-02-12)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
6,500.0	6,064.8	6,236.4	6,064.8	44.6	27.2	112.22	927.2	-840.8	931.0	891.5	39.45	23.597	
6,600.0	6,164.8	6,336.4	6,164.8	44.7	27.3	112.22	927.2	-840.8	931.0	891.2	39.73	23.435	
6,700.0	6,264.8	6,436.4	6,264.8	44.7	27.4	112.22	927.2	-840.8	931.0	890.9	40.00	23.273	
6,800.0	6,364.8	6,536.4	6,364.8	44.8	27.5	112.22	927.2	-840.8	931.0	890.7	40.28	23.111	
6,900.0	6,464.8	6,636.4	6,464.8	44.9	27.6	112.22	927.2	-840.8	931.0	890.4	40.57	22.949	
7,000.0	6,564.8	6,736.4	6,564.8	44.9	27.8	112.22	927.2	-840.8	931.0	890.1	40.85	22.789	
7,100.0	6,664.8	6,836.4	6,664.8	45.0	27.9	112.22	927.2	-840.8	931.0	889.8	41.14	22.629	
7,200.0	6,764.8	6,936.4	6,764.8	45.1	28.0	112.22	927.2	-840.8	931.0	889.5	41.43	22.469	
7,300.0	6,864.8	7,036.4	6,864.8	45.1	28.1	112.22	927.2	-840.8	931.0	889.2	41.73	22.311	
7,400.0	6,964.8	7,136.4	6,964.8	45.2	28.2	112.22	927.2	-840.8	931.0	888.9	42.02	22.153	
7,500.0	7,064.8	7,236.4	7,064.8	45.3	28.3	112.22	927.2	-840.8	931.0	888.6	42.32	21.996	
7,600.0	7,164.8	7,336.4	7,164.8	45.4	28.5	112.22	927.2	-840.8	931.0	888.3	42.63	21.840	
7,700.0	7,264.8	7,436.4	7,264.8	45.4	28.6	112.22	927.2	-840.8	931.0	888.0	42.93	21.685	
7,800.0	7,364.8	7,536.4	7,364.8	45.5	28.7	112.22	927.2	-840.8	931.0	887.7	43.24	21.531	
7,801.9	7,366.7	7,538.3	7,366.7	45.5	28.7	112.22	927.2	-840.8	931.0	887.7	43.24	21.528	
7,820.2	7,385.0	7,546.6	7,375.0	45.5	28.7	112.22	927.2	-840.8	931.0	887.7	43.28	21.510	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 4-22
Project:	SEC.22-T7N-R65W	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Reference Site:	Triangle 4 Pad Sec.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	Landmark
Reference Design:	Plan #1 (10-02-12)	**Offset TVD Reference:**	Offset Datum

Offset Design Triangle 4 Pad Sec.22-T7N-R65W - Triangle 32-22 - Wellbore #1 - Plan #1 (10-02-12)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-142.26	-23.7	-18.3	30.0				
100.0	100.0	100.0	100.0	0.1	0.1	-142.26	-23.7	-18.3	30.0	29.7	0.22	133.298	
200.0	200.0	200.0	200.0	0.3	0.3	-142.26	-23.7	-18.3	30.0	29.3	0.67	44.433	CC, ES
300.0	300.0	299.3	299.2	0.6	0.5	-90.09	-23.9	-20.0	31.2	30.0	1.11	28.124	
400.0	399.8	398.4	398.3	0.8	0.8	-92.43	-24.5	-25.2	34.8	33.2	1.56	22.335	
500.0	499.5	497.4	496.8	1.0	1.0	-95.39	-25.5	-33.6	40.9	38.9	2.05	19.936	
600.0	598.7	596.0	594.8	1.3	1.3	-98.25	-26.9	-45.5	49.6	47.0	2.61	19.014	
700.0	697.5	694.3	691.9	1.7	1.6	-100.69	-28.8	-60.6	60.9	57.7	3.25	18.768	
800.0	795.6	792.1	787.9	2.0	2.0	-102.61	-31.0	-78.9	74.8	70.8	3.97	18.823	
900.0	893.1	889.4	882.7	2.5	2.4	-104.06	-33.5	-100.3	91.2	86.4	4.80	18.996	
1,000.0	989.6	986.0	976.1	3.0	2.9	-105.14	-36.4	-124.7	110.0	104.3	5.73	19.198	
1,100.0	1,085.3	1,081.8	1,068.0	3.6	3.5	-105.92	-39.7	-152.0	131.4	124.6	6.77	19.389	
1,200.0	1,179.8	1,176.9	1,158.1	4.2	4.1	-106.46	-43.3	-182.1	155.1	147.1	7.93	19.554	
1,300.0	1,273.2	1,271.2	1,246.4	4.9	4.8	-106.81	-47.3	-214.9	181.1	171.9	9.20	19.687	
1,400.0	1,365.2	1,364.5	1,332.7	5.7	5.5	-107.03	-51.5	-250.1	209.5	198.9	10.59	19.787	
1,462.1	1,421.7	1,422.0	1,385.2	6.2	6.0	-107.09	-54.2	-273.2	228.2	216.7	11.50	19.843	
1,500.0	1,455.9	1,456.9	1,417.0	6.5	6.3	-107.30	-56.0	-287.7	239.9	227.9	12.09	19.854	
1,600.0	1,546.4	1,548.6	1,499.3	7.4	7.1	-107.33	-60.8	-327.7	271.8	258.1	13.66	19.895	
1,700.0	1,636.9	1,642.2	1,582.4	8.3	8.0	-106.95	-65.9	-370.5	304.5	289.2	15.30	19.897	
1,800.0	1,727.3	1,736.6	1,666.3	9.2	9.0	-106.63	-71.1	-413.7	337.3	320.3	16.97	19.874	
1,900.0	1,817.8	1,831.1	1,750.1	10.1	9.9	-106.37	-76.3	-456.9	370.0	351.4	18.65	19.845	
2,000.0	1,908.2	1,925.6	1,834.0	11.0	10.8	-106.15	-81.5	-500.1	402.8	382.5	20.33	19.814	
2,100.0	1,998.7	2,020.1	1,917.8	11.9	11.8	-105.96	-86.6	-543.4	435.6	413.5	22.02	19.783	
2,200.0	2,089.1	2,114.5	2,001.6	12.8	12.7	-105.80	-91.8	-586.6	468.3	444.6	23.71	19.752	
2,300.0	2,179.6	2,209.0	2,085.5	13.6	13.7	-105.66	-97.0	-629.8	501.1	475.7	25.41	19.723	
2,400.0	2,270.0	2,303.5	2,169.3	14.6	14.6	-105.53	-102.2	-673.0	533.9	506.8	27.11	19.695	
2,500.0	2,360.5	2,397.9	2,253.2	15.5	15.6	-105.42	-107.4	-716.2	566.7	537.9	28.81	19.669	
2,600.0	2,450.9	2,492.4	2,337.0	16.4	16.6	-105.33	-112.6	-759.5	599.4	568.9	30.51	19.645	
2,700.0	2,541.4	2,586.9	2,420.8	17.3	17.5	-105.24	-117.7	-802.7	632.2	600.0	32.22	19.622	
2,800.0	2,631.8	2,681.3	2,504.7	18.2	18.5	-105.16	-122.9	-845.9	665.0	631.1	33.93	19.600	
2,900.0	2,722.3	2,775.8	2,588.5	19.1	19.4	-105.09	-128.1	-889.1	697.8	662.2	35.64	19.580	
3,000.0	2,812.7	2,870.3	2,672.4	20.0	20.4	-105.03	-133.3	-932.4	730.6	693.2	37.35	19.562	
3,100.0	2,903.2	2,964.7	2,756.2	20.9	21.3	-104.97	-138.5	-975.6	763.4	724.3	39.06	19.544	
3,200.0	2,993.6	3,059.2	2,840.0	21.8	22.3	-104.91	-143.6	-1,018.8	796.2	755.4	40.77	19.528	
3,300.0	3,084.1	3,153.7	2,923.9	22.7	23.3	-104.86	-148.8	-1,062.0	829.0	786.5	42.48	19.513	
3,400.0	3,174.5	3,248.2	3,007.7	23.6	24.2	-104.82	-154.0	-1,105.3	861.7	817.5	44.20	19.498	
3,500.0	3,265.0	3,342.6	3,091.6	24.5	25.2	-104.77	-159.2	-1,148.5	894.5	848.6	45.91	19.485	
3,600.0	3,355.4	3,437.1	3,175.4	25.4	26.1	-104.73	-164.4	-1,191.7	927.3	879.7	47.62	19.472	
3,700.0	3,445.9	3,531.6	3,259.3	26.3	27.1	-104.70	-169.6	-1,234.9	960.1	910.8	49.34	19.460	
3,800.0	3,536.3	3,626.0	3,343.1	27.2	28.1	-104.66	-174.7	-1,278.2	992.9	941.8	51.05	19.448	
3,900.0	3,626.8	3,720.5	3,426.9	28.1	29.0	-104.63	-179.9	-1,321.4	1,025.7	972.9	52.77	19.437	
4,000.0	3,717.2	3,815.0	3,510.8	29.0	30.0	-104.60	-185.1	-1,364.6	1,058.5	1,004.0	54.48	19.427	
4,100.0	3,807.7	3,909.4	3,594.6	29.9	31.0	-104.57	-190.3	-1,407.8	1,091.3	1,035.1	56.20	19.417	
4,200.0	3,898.1	4,003.9	3,678.5	30.9	31.9	-104.54	-195.5	-1,451.0	1,124.1	1,066.1	57.92	19.408	
4,300.0	3,988.6	4,098.4	3,762.3	31.8	32.9	-104.52	-200.6	-1,494.3	1,156.9	1,097.2	59.63	19.399	
4,400.0	4,079.0	4,192.8	3,846.1	32.7	33.8	-104.49	-205.8	-1,537.5	1,189.7	1,128.3	61.35	19.391	
4,500.0	4,169.5	4,287.3	3,930.0	33.6	34.8	-104.47	-211.0	-1,580.7	1,222.4	1,159.4	63.07	19.383	
4,600.0	4,260.0	4,381.8	4,013.8	34.5	35.8	-104.45	-216.2	-1,623.9	1,255.2	1,190.4	64.79	19.375	
4,700.0	4,350.4	4,476.3	4,097.7	35.4	36.7	-104.43	-221.4	-1,667.2	1,288.0	1,221.5	66.50	19.368	
4,800.0	4,440.9	4,570.7	4,181.5	36.3	37.7	-104.41	-226.6	-1,710.4	1,320.8	1,252.6	68.22	19.361	
4,900.0	4,531.3	4,665.2	4,265.3	37.2	38.7	-104.39	-231.7	-1,753.6	1,353.6	1,283.7	69.94	19.354	

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

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 4-22
Project:	SEC.22-T7N-R65W	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Reference Site:	Triangle 4 Pad Sec.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	Landmark
Reference Design:	Plan #1 (10-02-12)	**Offset TVD Reference:**	Offset Datum

Offset Design Triangle 4 Pad Sec.22-T7N-R65W - Triangle 32-22 - Wellbore #1 - Plan #1 (10-02-12)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
5,000.0	4,621.8	4,759.7	4,349.2	38.1	39.6	-104.37	-236.9	-1,796.8	1,386.4	1,314.7	71.66	19.348	
5,100.0	4,712.2	4,854.1	4,433.0	39.0	40.6	-104.36	-242.1	-1,840.1	1,419.2	1,345.8	73.37	19.342	
5,173.1	4,778.3	4,923.2	4,494.3	39.7	41.3	-104.35	-245.9	-1,871.7	1,443.2	1,368.5	74.63	19.337	
5,200.0	4,802.7	4,948.6	4,516.9	39.9	41.5	-104.52	-247.3	-1,883.3	1,452.0	1,376.8	75.12	19.329	
5,300.0	4,894.3	5,043.3	4,600.9	40.6	42.5	-105.05	-252.5	-1,926.6	1,484.1	1,407.3	76.80	19.325	
5,400.0	4,987.2	5,139.7	4,686.5	41.2	43.5	-105.43	-257.8	-1,970.7	1,515.4	1,437.0	78.42	19.325	
5,500.0	5,081.3	5,263.8	4,798.0	41.8	44.5	-105.65	-264.3	-2,024.8	1,544.9	1,464.9	80.02	19.307	
5,600.0	5,176.6	5,390.1	4,913.7	42.3	45.4	-105.84	-270.3	-2,074.9	1,571.7	1,490.2	81.45	19.297	
5,700.0	5,272.8	5,518.4	5,033.5	42.8	46.2	-106.01	-275.7	-2,120.6	1,595.6	1,512.9	82.73	19.287	
5,800.0	5,370.0	5,648.5	5,157.0	43.2	46.9	-106.15	-280.6	-2,161.4	1,616.7	1,532.9	83.87	19.276	
5,900.0	5,467.9	5,780.3	5,283.8	43.6	47.5	-106.27	-284.9	-2,197.0	1,634.9	1,550.0	84.87	19.264	
6,000.0	5,566.5	5,913.6	5,413.5	43.8	48.1	-106.37	-288.5	-2,227.1	1,650.1	1,564.4	85.71	19.252	
6,100.0	5,665.6	6,048.1	5,545.8	44.1	48.5	-106.44	-291.4	-2,251.3	1,662.2	1,575.8	86.40	19.239	
6,200.0	5,765.1	6,183.5	5,679.9	44.3	48.8	-106.50	-293.6	-2,269.5	1,671.2	1,584.3	86.94	19.222	
6,300.0	5,864.8	6,319.6	5,815.5	44.4	49.0	-106.53	-295.0	-2,281.4	1,677.1	1,589.7	87.34	19.203	
6,400.0	5,964.8	6,456.1	5,951.9	44.5	49.2	-106.55	-295.7	-2,286.9	1,679.8	1,592.2	87.58	19.179	
6,435.2	6,000.0	6,504.2	6,000.0	44.5	49.2	-159.63	-295.7	-2,287.3	1,680.0	1,592.3	87.64	19.168	
6,500.0	6,064.8	6,569.0	6,064.8	44.6	49.2	-159.63	-295.7	-2,287.3	1,680.0	1,592.2	87.72	19.151	
6,600.0	6,164.8	6,669.0	6,164.8	44.7	49.3	-159.63	-295.7	-2,287.3	1,680.0	1,592.1	87.85	19.123	
6,700.0	6,264.8	6,769.0	6,264.8	44.7	49.4	-159.63	-295.7	-2,287.3	1,680.0	1,592.0	87.98	19.094	
6,800.0	6,364.8	6,869.0	6,364.8	44.8	49.4	-159.63	-295.7	-2,287.3	1,680.0	1,591.9	88.12	19.065	
6,900.0	6,464.8	6,969.0	6,464.8	44.9	49.5	-159.63	-295.7	-2,287.3	1,680.0	1,591.7	88.26	19.035	
7,000.0	6,564.8	7,069.0	6,564.8	44.9	49.5	-159.63	-295.7	-2,287.3	1,680.0	1,591.6	88.40	19.005	
7,100.0	6,664.8	7,169.0	6,664.8	45.0	49.6	-159.63	-295.7	-2,287.3	1,680.0	1,591.4	88.54	18.975	
7,200.0	6,764.8	7,269.0	6,764.8	45.1	49.7	-159.63	-295.7	-2,287.3	1,680.0	1,591.3	88.68	18.944	
7,300.0	6,864.8	7,369.0	6,864.8	45.1	49.7	-159.63	-295.7	-2,287.3	1,680.0	1,591.1	88.83	18.913	
7,400.0	6,964.8	7,469.0	6,964.8	45.2	49.8	-159.63	-295.7	-2,287.3	1,680.0	1,591.0	88.97	18.881	
7,500.0	7,064.8	7,569.0	7,064.8	45.3	49.9	-159.63	-295.7	-2,287.3	1,680.0	1,590.8	89.12	18.850	
7,600.0	7,164.8	7,669.0	7,164.8	45.4	49.9	-159.63	-295.7	-2,287.3	1,680.0	1,590.7	89.28	18.818	
7,700.0	7,264.8	7,769.0	7,264.8	45.4	50.0	-159.63	-295.7	-2,287.3	1,680.0	1,590.5	89.43	18.785	
7,800.0	7,364.8	7,869.0	7,364.8	45.5	50.1	-159.63	-295.7	-2,287.3	1,680.0	1,590.4	89.59	18.753	
7,820.2	7,385.0	7,889.2	7,385.0	45.5	50.1	-159.63	-295.7	-2,287.3	1,680.0	1,590.4	89.62	18.746 SF	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 4-22
Project:	SEC.22-T7N-R65W	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Reference Site:	Triangle 4 Pad Sec.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	Landmark
Reference Design:	Plan #1 (10-02-12)	**Offset TVD Reference:**	Offset Datum

Offset Design Triangle 4 Pad Sec.22-T7N-R65W - Triangle 6-22 - Wellbore #1 - Plan #1 (10-02-12)

Offset Site Error: 0.0 ft

Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
0.0	0.0	0.0	0.0	0.0	0.0	-141.82	-11.7	-9.2	14.8	14.8	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	-141.82	-11.7	-9.2	14.8	14.6	0.22	66.003	
200.0	200.0	200.0	200.0	0.3	0.3	-141.82	-11.7	-9.2	14.8	14.2	0.67	22.001	
243.2	243.2	243.2	243.2	0.4	0.4	-90.00	-11.7	-9.2	14.8	14.0	0.87	17.105	CC
300.0	300.0	300.0	300.0	0.6	0.6	-95.46	-11.7	-9.2	14.9	13.8	1.12	13.298	ES
400.0	399.8	399.8	399.8	0.8	0.8	-114.11	-11.7	-9.2	16.3	14.7	1.58	10.307	SF
500.0	499.5	499.5	499.5	1.0	1.0	-135.86	-11.7	-9.2	21.4	19.3	2.05	10.412	
600.0	598.7	598.7	598.7	1.3	1.2	-151.47	-11.7	-9.2	31.3	28.8	2.52	12.402	
700.0	697.5	697.5	697.5	1.7	1.5	-160.78	-11.7	-9.2	45.7	42.7	2.99	15.279	
800.0	795.6	795.6	795.6	2.0	1.7	-166.32	-11.7	-9.2	64.0	60.6	3.45	18.539	
900.0	893.1	893.1	893.1	2.5	1.9	-169.78	-11.7	-9.2	86.1	82.1	3.92	21.965	
1,000.0	989.6	989.6	989.6	3.0	2.1	-172.06	-11.7	-9.2	111.6	107.3	4.38	25.462	
1,100.0	1,085.3	1,085.3	1,085.3	3.6	2.3	-173.64	-11.7	-9.2	140.7	135.8	4.85	28.983	
1,200.0	1,179.8	1,179.8	1,179.8	4.2	2.5	-174.77	-11.7	-9.2	173.1	167.8	5.32	32.503	
1,300.0	1,273.2	1,273.2	1,273.2	4.9	2.7	-175.61	-11.7	-9.2	208.8	203.0	5.80	36.009	
1,400.0	1,365.2	1,365.2	1,365.2	5.7	3.0	-176.24	-11.7	-9.2	247.8	241.5	6.27	39.491	
1,462.1	1,421.7	1,421.7	1,421.7	6.2	3.1	-176.57	-11.7	-9.2	273.6	267.0	6.57	41.640	
1,500.0	1,455.9	1,455.9	1,455.9	6.5	3.2	-176.76	-11.7	-9.2	289.8	283.0	6.77	42.811	
1,600.0	1,546.4	1,546.4	1,546.4	7.4	3.4	-177.17	-11.7	-9.2	332.4	325.1	7.29	45.569	
1,700.0	1,636.9	1,636.9	1,636.9	8.3	3.6	-177.49	-11.7	-9.2	375.0	367.1	7.82	47.924	
1,800.0	1,727.3	1,727.3	1,727.3	9.2	3.8	-177.75	-11.7	-9.2	417.6	409.2	8.36	49.953	
1,900.0	1,817.8	1,817.8	1,817.8	10.1	4.0	-177.96	-11.7	-9.2	460.2	451.3	8.90	51.718	
2,000.0	1,908.2	1,908.2	1,908.2	11.0	4.2	-178.13	-11.7	-9.2	502.8	493.4	9.44	53.266	
2,100.0	1,998.7	1,998.7	1,998.7	11.9	4.4	-178.28	-11.7	-9.2	545.4	535.5	9.98	54.632	
2,200.0	2,089.1	2,111.4	2,111.4	12.8	4.6	-178.38	-10.7	-11.1	586.4	575.8	10.56	55.531	
2,300.0	2,179.6	2,228.3	2,228.1	13.6	4.9	-178.38	-7.6	-17.3	623.7	612.6	11.14	55.995	
2,400.0	2,270.0	2,348.9	2,348.0	14.6	5.2	-178.27	-2.3	-28.2	657.2	645.5	11.74	55.998	
2,500.0	2,360.5	2,469.3	2,467.2	15.5	5.4	-178.09	5.2	-43.6	686.9	674.5	12.35	55.635	
2,600.0	2,450.9	2,565.3	2,561.9	16.4	5.7	-177.93	12.0	-57.3	714.9	702.0	12.93	55.307	
2,700.0	2,541.4	2,661.2	2,656.7	17.3	6.0	-177.78	18.7	-71.0	743.0	729.5	13.51	54.991	
2,800.0	2,631.8	2,757.2	2,751.4	18.2	6.2	-177.64	25.5	-84.7	771.0	756.9	14.10	54.700	
2,900.0	2,722.3	2,853.2	2,846.2	19.1	6.5	-177.51	32.2	-98.4	799.1	784.4	14.69	54.402	
3,000.0	2,812.7	2,949.1	2,940.9	20.0	6.8	-177.39	38.9	-112.1	827.2	811.9	15.28	54.120	
3,100.0	2,903.2	3,045.1	3,035.7	20.9	7.1	-177.27	45.7	-125.8	855.2	839.3	15.88	53.851	
3,200.0	2,993.6	3,141.1	3,130.4	21.8	7.4	-177.17	52.4	-139.5	883.3	866.8	16.48	53.593	
3,300.0	3,084.1	3,237.0	3,225.2	22.7	7.7	-177.07	59.1	-153.2	911.4	894.3	17.08	53.347	
3,400.0	3,174.5	3,333.0	3,319.9	23.6	8.0	-176.97	65.9	-166.9	939.4	921.8	17.69	53.110	
3,500.0	3,265.0	3,429.0	3,414.6	24.5	8.3	-176.89	72.6	-180.6	967.5	949.2	18.30	52.884	
3,600.0	3,355.4	3,524.9	3,509.4	25.4	8.6	-176.80	79.4	-194.3	995.6	976.7	18.90	52.668	
3,700.0	3,445.9	3,620.9	3,604.1	26.3	9.0	-176.73	86.1	-208.0	1,023.7	1,004.2	19.51	52.461	
3,800.0	3,536.3	3,716.9	3,698.9	27.2	9.3	-176.65	92.8	-221.7	1,051.8	1,031.7	20.13	52.262	
3,900.0	3,626.8	3,812.8	3,793.6	28.1	9.6	-176.58	99.6	-235.4	1,079.9	1,059.1	20.74	52.072	
4,000.0	3,717.2	3,908.8	3,888.4	29.0	10.0	-176.51	106.3	-249.1	1,108.0	1,086.6	21.35	51.890	
4,100.0	3,807.7	4,004.8	3,983.1	29.9	10.3	-176.45	113.1	-262.9	1,136.0	1,114.1	21.97	51.715	
4,200.0	3,898.1	4,100.7	4,077.8	30.9	10.6	-176.39	119.8	-276.6	1,164.1	1,141.6	22.58	51.547	
4,300.0	3,988.6	4,196.7	4,172.6	31.8	11.0	-176.33	126.5	-290.3	1,192.2	1,169.0	23.20	51.385	
4,400.0	4,079.0	4,292.7	4,267.3	32.7	11.3	-176.28	133.3	-304.0	1,220.3	1,196.5	23.82	51.230	
4,500.0	4,169.5	4,388.6	4,362.1	33.6	11.6	-176.22	140.0	-317.7	1,248.4	1,224.0	24.44	51.081	
4,600.0	4,260.0	4,484.6	4,456.8	34.5	12.0	-176.17	146.7	-331.4	1,276.5	1,251.4	25.06	50.937	
4,700.0	4,350.4	4,578.2	4,549.3	35.4	12.3	-176.13	153.3	-344.7	1,304.6	1,278.9	25.67	50.814	
4,800.0	4,440.9	4,644.4	4,614.7	36.3	12.5	-176.11	157.6	-353.4	1,334.0	1,307.8	26.19	50.930	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 4-22
Project:	SEC.22-T7N-R65W	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Reference Site:	Triangle 4 Pad Sec.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	Landmark
Reference Design:	Plan #1 (10-02-12)	**Offset TVD Reference:**	Offset Datum

Offset Design Triangle 4 Pad Sec.22-T7N-R65W - Triangle 6-22 - Wellbore #1 - Plan #1 (10-02-12)

Offset Site Error: 0.0 ft

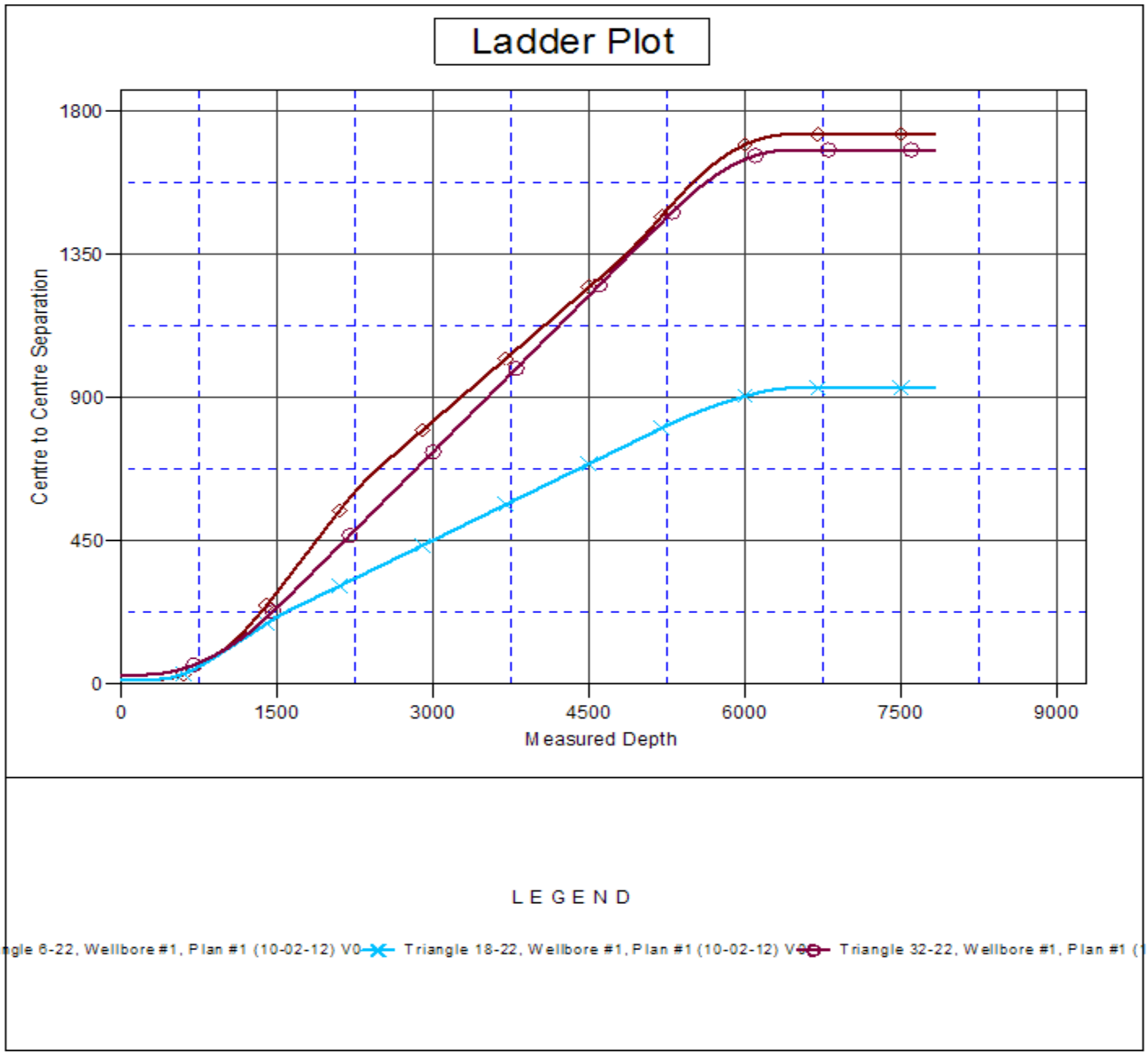
Survey Program: 0-MWD

Offset Well Error: 0.0 ft

Reference Measured Depth (ft)	Reference Vertical Depth (ft)	Offset Measured Depth (ft)	Offset Vertical Depth (ft)	Semi Major Axis Reference (ft)	Semi Major Axis Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	Offset Wellbore Centre +E/-W (ft)	Distance Between Centres (ft)	Distance Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,900.0	4,531.3	4,700.0	4,669.9	37.2	12.6	-176.10	160.6	-359.6	1,365.5	1,338.8	26.68	51.177	
5,000.0	4,621.8	4,773.7	4,743.2	38.1	12.8	-176.11	164.0	-366.4	1,398.9	1,371.7	27.20	51.432	
5,100.0	4,712.2	4,836.9	4,806.2	39.0	12.9	-176.14	166.2	-370.9	1,434.5	1,406.8	27.69	51.797	
5,173.1	4,778.3	4,882.5	4,851.7	39.7	13.0	-176.16	167.4	-373.3	1,461.7	1,433.7	28.05	52.107	
5,200.0	4,802.7	4,900.0	4,869.2	39.9	13.1	-176.19	167.7	-374.1	1,471.9	1,443.7	28.21	52.172	
5,300.0	4,894.3	4,960.9	4,930.0	40.6	13.2	-176.29	168.7	-376.0	1,508.9	1,480.1	28.75	52.487	
5,400.0	4,987.2	5,022.4	4,991.6	41.2	13.3	-176.39	169.0	-376.8	1,544.5	1,515.3	29.24	52.826	
5,500.0	5,081.3	5,112.2	5,081.3	41.8	13.4	-176.50	169.1	-376.8	1,578.2	1,548.4	29.74	53.069	
5,600.0	5,176.6	5,207.4	5,176.6	42.3	13.6	-176.61	169.1	-376.8	1,608.5	1,578.3	30.22	53.232	
5,700.0	5,272.8	5,303.7	5,272.8	42.8	13.8	-176.70	169.1	-376.8	1,635.6	1,604.9	30.65	53.355	
5,800.0	5,370.0	5,400.8	5,370.0	43.2	13.9	-176.77	169.1	-376.8	1,659.2	1,628.2	31.05	53.442	
5,900.0	5,467.9	5,498.8	5,467.9	43.6	14.1	-176.83	169.1	-376.8	1,679.5	1,648.1	31.39	53.495	
6,000.0	5,566.5	5,597.3	5,566.5	43.8	14.3	-176.88	169.1	-376.8	1,696.3	1,664.6	31.70	53.518	
6,100.0	5,665.6	5,696.4	5,665.6	44.1	14.5	-176.92	169.1	-376.8	1,709.7	1,677.7	31.95	53.511	
6,200.0	5,765.1	5,795.9	5,765.1	44.3	14.7	-176.95	169.1	-376.8	1,719.6	1,687.4	32.16	53.477	
6,300.0	5,864.8	5,895.7	5,864.8	44.4	14.9	-176.97	169.1	-376.8	1,726.1	1,693.7	32.31	53.416	
6,400.0	5,964.8	5,995.6	5,964.8	44.5	15.1	-176.98	169.1	-376.8	1,729.0	1,696.6	32.42	53.329	
6,435.2	6,000.0	6,030.8	6,000.0	44.5	15.1	129.94	169.1	-376.8	1,729.2	1,696.8	32.45	53.290	
6,500.0	6,064.8	6,095.6	6,064.8	44.6	15.3	129.94	169.1	-376.8	1,729.2	1,696.6	32.67	52.929	
6,600.0	6,164.8	6,195.6	6,164.8	44.7	15.4	129.94	169.1	-376.8	1,729.2	1,696.2	33.02	52.366	
6,700.0	6,264.8	6,295.6	6,264.8	44.7	15.6	129.94	169.1	-376.8	1,729.2	1,695.9	33.38	51.811	
6,800.0	6,364.8	6,395.6	6,364.8	44.8	15.8	129.94	169.1	-376.8	1,729.2	1,695.5	33.73	51.266	
6,900.0	6,464.8	6,495.6	6,464.8	44.9	16.0	129.94	169.1	-376.8	1,729.2	1,695.1	34.09	50.729	
7,000.0	6,564.8	6,595.6	6,564.8	44.9	16.2	129.94	169.1	-376.8	1,729.2	1,694.8	34.45	50.200	
7,100.0	6,664.8	6,695.6	6,664.8	45.0	16.4	129.94	169.1	-376.8	1,729.2	1,694.4	34.81	49.680	
7,200.0	6,764.8	6,795.6	6,764.8	45.1	16.6	129.94	169.1	-376.8	1,729.2	1,694.1	35.17	49.168	
7,300.0	6,864.8	6,895.6	6,864.8	45.1	16.8	129.94	169.1	-376.8	1,729.2	1,693.7	35.53	48.665	
7,400.0	6,964.8	6,995.6	6,964.8	45.2	17.0	129.94	169.1	-376.8	1,729.2	1,693.3	35.90	48.169	
7,500.0	7,064.8	7,095.6	7,064.8	45.3	17.2	129.94	169.1	-376.8	1,729.2	1,693.0	36.27	47.681	
7,600.0	7,164.8	7,195.6	7,164.8	45.4	17.4	129.94	169.1	-376.8	1,729.2	1,692.6	36.64	47.201	
7,700.0	7,264.8	7,295.6	7,264.8	45.4	17.6	129.94	169.1	-376.8	1,729.2	1,692.2	37.01	46.728	
7,800.0	7,364.8	7,395.6	7,364.8	45.5	17.8	129.94	169.1	-376.8	1,729.2	1,691.9	37.38	46.264	
7,820.2	7,385.0	7,400.8	7,370.0	45.5	17.8	129.94	169.1	-376.8	1,729.3	1,691.9	37.42	46.213	

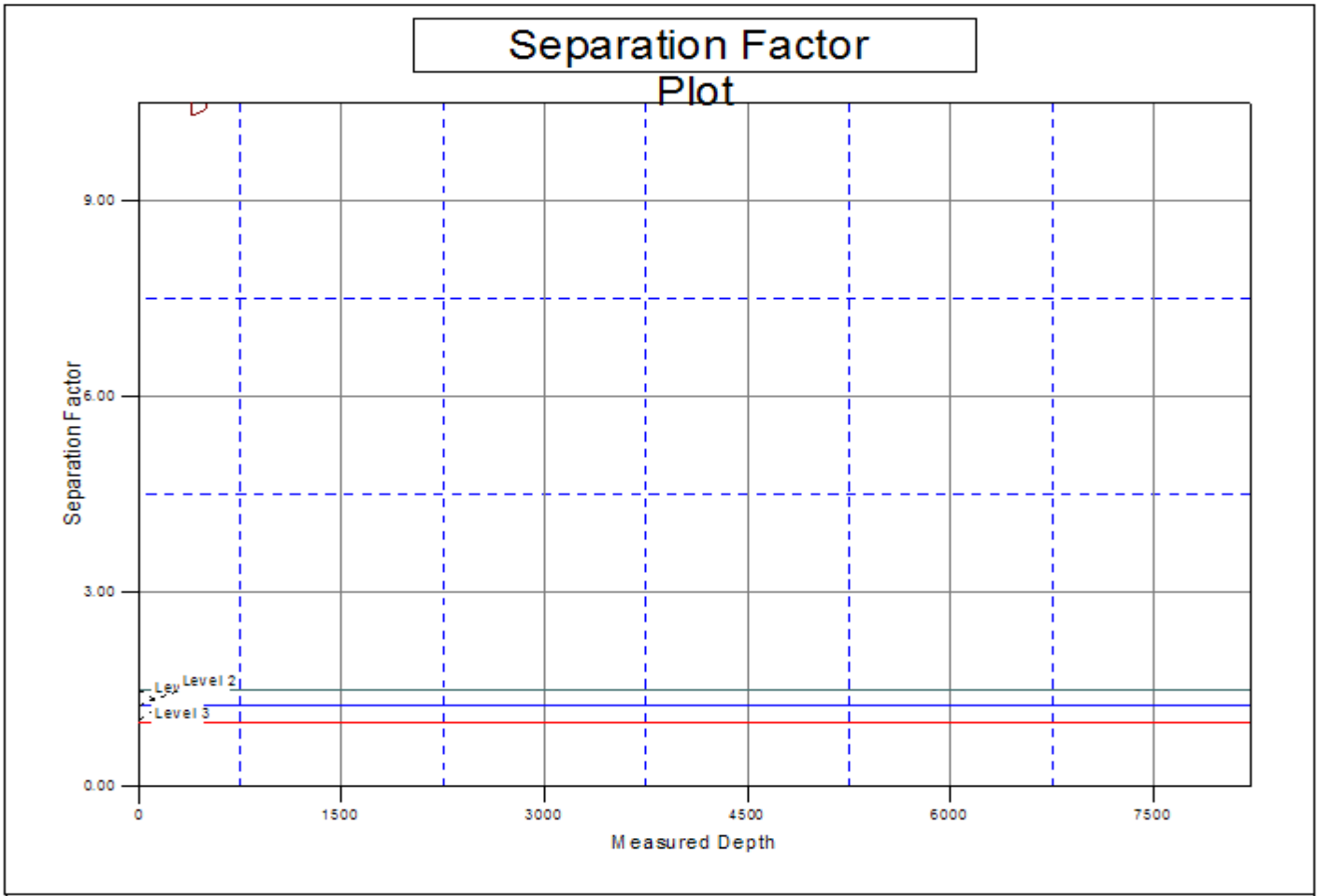
Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 4-22
Project:	SEC.22-T7N-R65W	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Reference Site:	Triangle 4 Pad Sec.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	Landmark
Reference Design:	Plan #1 (10-02-12)	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 4848.0ft (Original Well Elev) Coordinates are relative to: Triangle 4-22
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: 0.55°



Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 4-22
Project:	SEC.22-T7N-R65W	**TVD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Reference Site:	Triangle 4 Pad Sec.22-T7N-R65W	**MD Reference:**	WELL @ 4848.0ft (Original Well Elev)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Triangle 4-22	**Survey Calculation Method:**	Minimum Curvature
Well Error:	0.0ft	**Output errors are at**	2.00 sigma
Reference Wellbore	Wellbore #1	**Database:**	Landmark
Reference Design:	Plan #1 (10-02-12)	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 4848.0ft (Original Well Elev) Coordinates are relative to: Triangle 4-22
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: 0.55°



LEGEND

iangle 6-22, Wellbore #1, Plan #1 (10-02-12) V0 Triangle 18-22, Wellbore #1, Plan #1 (10-02-12) V0 Triangle 32-22, Wellbore #1, Plan #1 (10