ENSIGN Directional

Well Name: Triangle 18-22

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

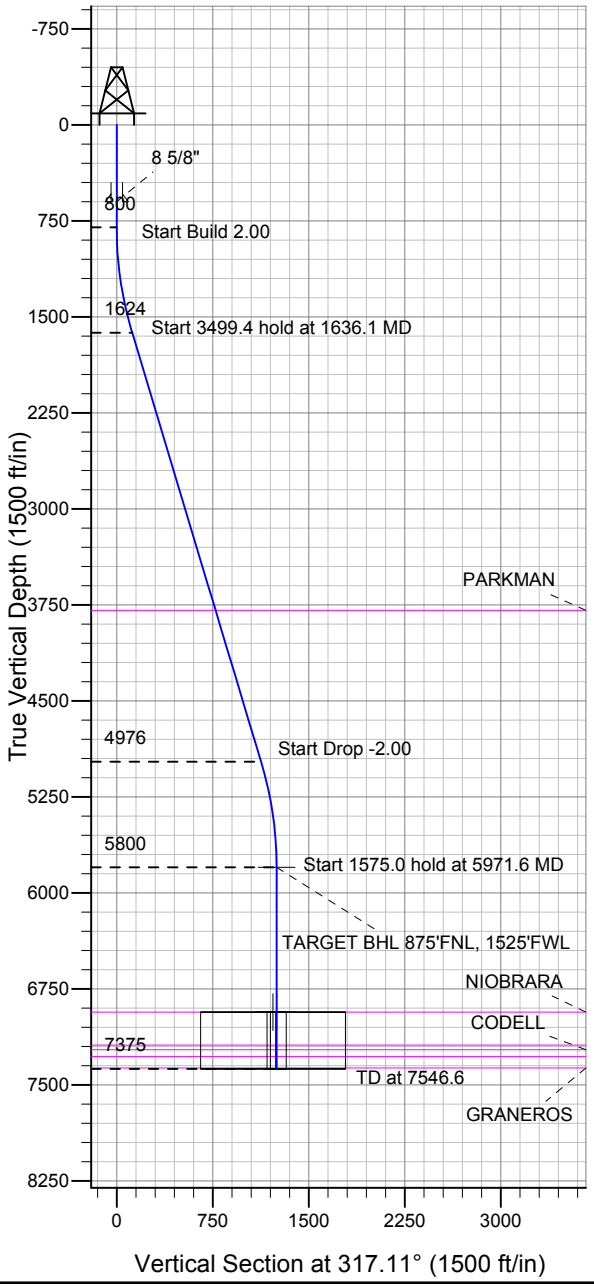
North American Datum 1983 US State Plane 1983 Colorado Northern Zone

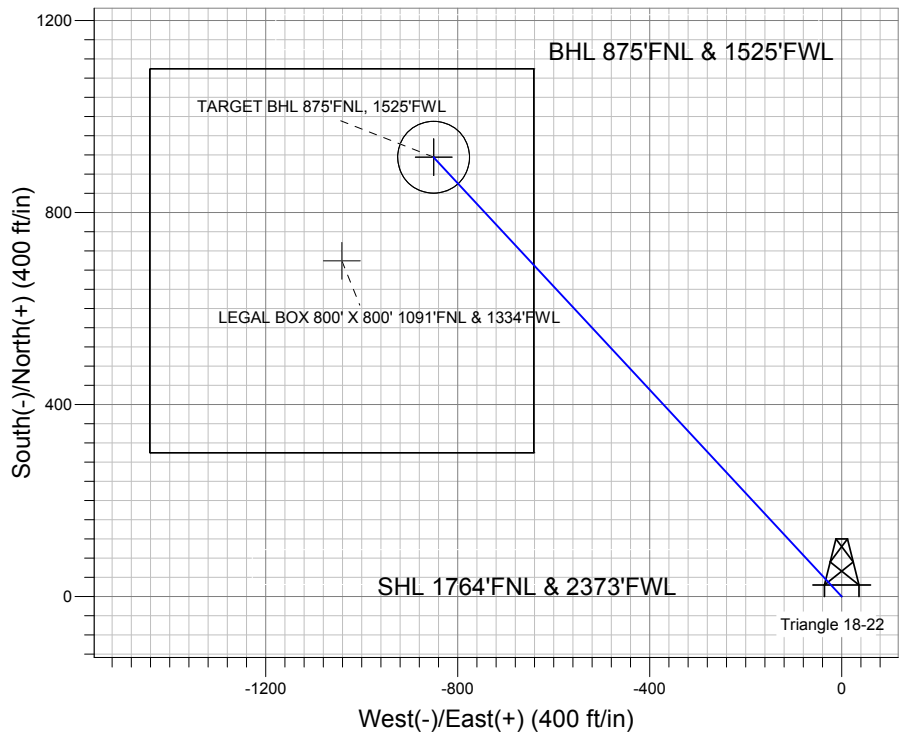
Ground Elevation: 4832.0

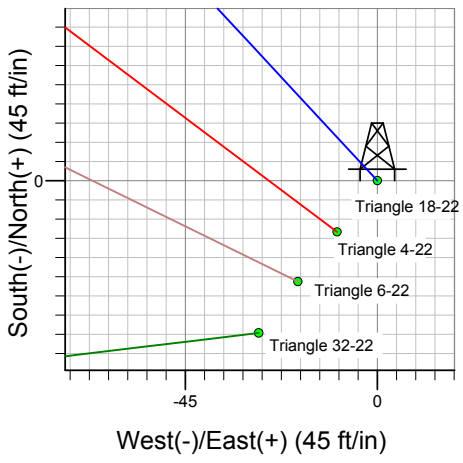
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1448676.22	3236075.04	40.561911	-104.650323	

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

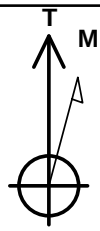
BAYSWATER EXPLORATION & PRODUCTION







Triangle 4 Pad Sec.22-T7N-R65W
Triangle 18-22
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 875'FNL, 1525'FWL	5800.0	915.2	-850.2	40.564423	-104.653383	Point
LEGAL BOX 800' X 800' 1091'FNL & 1334'FWL	6931.0	699.2	-1041.2	40.563830	-104.654070	Rectangle (Sides: L800.0 W800.0)
TARGET CIRCLE 875'FNL & 1525'FWL	6931.0	915.2	-850.2	40.564423	-104.653383	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	800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.0	
3	1636.1	16.72	317.11	1624.3	88.8	-82.5	2.00	317.11	121.1	
4	5135.5	16.72	317.11	4975.7	826.4	-767.7	0.00	0.00	1128.0	
5	5971.6	0.00	0.00	5800.0	915.2	-850.2	2.00	180.00	1249.2	TARGET BHL 875'FNL, 1525'FWL
6	7546.6	0.00	0.00	7375.0	915.2	-850.2	0.00	0.00	1249.2	

ENSIGN Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.22-T7N-R65W
Triangle 4 Pad Sec.22-T7N-R65W
Triangle 18-22

Wellbore #1

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

Standard Planning Report

02 October, 2012

Database:	Landmark	**Local Co-ordinate Reference:**	Well Triangle 18-22
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 18-22	**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 18-22

Well Position	**+N/-S**	12.0 ft	**Northing:**	1,448,676.22 ft	**Latitude:**	40.561911
	+E/-W	9.4 ft	**Easting:**	3,236,075.04 ft	**Longitude:**	-104.650323
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	317.11

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	
800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,636.1	16.72	317.11	1,624.3	88.8	-82.5	2.00	2.00	0.00	317.11	
5,135.5	16.72	317.11	4,975.7	826.4	-767.7	0.00	0.00	0.00	0.00	
5,971.6	0.00	0.00	5,800.0	915.2	-850.2	2.00	-2.00	0.00	180.00	TARGET BHL 875'I
7,546.6	0.00	0.00	7,375.0	915.2	-850.2	0.00	0.00	0.00	0.00	

Database:	Landmark	**Local Co-ordinate Reference:**	Well Triangle 18-22
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 18-22	**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	0.00	0.00	240.0	0.0	0.0	0.0	0.00	0.00	0.00
280.0	0.00	0.00	280.0	0.0	0.0	0.0	0.00	0.00	0.00
320.0	0.00	0.00	320.0	0.0	0.0	0.0	0.00	0.00	0.00
360.0	0.00	0.00	360.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
440.0	0.00	0.00	440.0	0.0	0.0	0.0	0.00	0.00	0.00
480.0	0.00	0.00	480.0	0.0	0.0	0.0	0.00	0.00	0.00
520.0	0.00	0.00	520.0	0.0	0.0	0.0	0.00	0.00	0.00
560.0	0.00	0.00	560.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
8 5/8"									
640.0	0.00	0.00	640.0	0.0	0.0	0.0	0.00	0.00	0.00
680.0	0.00	0.00	680.0	0.0	0.0	0.0	0.00	0.00	0.00
720.0	0.00	0.00	720.0	0.0	0.0	0.0	0.00	0.00	0.00
760.0	0.00	0.00	760.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
840.0	0.80	317.11	840.0	0.2	-0.2	0.3	2.00	2.00	0.00
880.0	1.60	317.11	880.0	0.8	-0.8	1.1	2.00	2.00	0.00
920.0	2.40	317.11	920.0	1.8	-1.7	2.5	2.00	2.00	0.00
960.0	3.20	317.11	959.9	3.3	-3.0	4.5	2.00	2.00	0.00
1,000.0	4.00	317.11	999.8	5.1	-4.7	7.0	2.00	2.00	0.00
1,040.0	4.80	317.11	1,039.7	7.4	-6.8	10.0	2.00	2.00	0.00
1,080.0	5.60	317.11	1,079.6	10.0	-9.3	13.7	2.00	2.00	0.00
1,120.0	6.40	317.11	1,119.3	13.1	-12.2	17.9	2.00	2.00	0.00
1,160.0	7.20	317.11	1,159.1	16.6	-15.4	22.6	2.00	2.00	0.00
1,200.0	8.00	317.11	1,198.7	20.4	-19.0	27.9	2.00	2.00	0.00
1,240.0	8.80	317.11	1,238.3	24.7	-23.0	33.7	2.00	2.00	0.00
1,280.0	9.60	317.11	1,277.8	29.4	-27.3	40.1	2.00	2.00	0.00
1,320.0	10.40	317.11	1,317.1	34.5	-32.0	47.1	2.00	2.00	0.00
1,360.0	11.20	317.11	1,356.4	40.0	-37.1	54.6	2.00	2.00	0.00
1,400.0	12.00	317.11	1,395.6	45.9	-42.6	62.6	2.00	2.00	0.00
1,440.0	12.80	317.11	1,434.7	52.2	-48.5	71.2	2.00	2.00	0.00
1,480.0	13.60	317.11	1,473.6	58.9	-54.7	80.3	2.00	2.00	0.00
1,520.0	14.40	317.11	1,512.4	65.9	-61.3	90.0	2.00	2.00	0.00
1,560.0	15.20	317.11	1,551.1	73.4	-68.2	100.2	2.00	2.00	0.00
1,600.0	16.00	317.11	1,589.6	81.3	-75.5	111.0	2.00	2.00	0.00
1,636.1	16.72	317.11	1,624.3	88.8	-82.5	121.1	2.00	2.00	0.00
1,640.0	16.72	317.11	1,628.0	89.6	-83.2	122.3	0.00	0.00	0.00
1,680.0	16.72	317.11	1,666.3	98.0	-91.1	133.8	0.00	0.00	0.00
1,720.0	16.72	317.11	1,704.6	106.4	-98.9	145.3	0.00	0.00	0.00
1,760.0	16.72	317.11	1,742.9	114.9	-106.7	156.8	0.00	0.00	0.00
1,800.0	16.72	317.11	1,781.2	123.3	-114.5	168.3	0.00	0.00	0.00
1,840.0	16.72	317.11	1,819.6	131.7	-122.4	179.8	0.00	0.00	0.00
1,880.0	16.72	317.11	1,857.9	140.2	-130.2	191.3	0.00	0.00	0.00
1,920.0	16.72	317.11	1,896.2	148.6	-138.0	202.8	0.00	0.00	0.00
1,960.0	16.72	317.11	1,934.5	157.0	-145.9	214.3	0.00	0.00	0.00
2,000.0	16.72	317.11	1,972.8	165.5	-153.7	225.8	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Triangle 18-22
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 18-22	**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)
2,040.0	16.72	317.11	2,011.1	173.9	-161.5	237.4	0.00	0.00	0.00
2,080.0	16.72	317.11	2,049.4	182.3	-169.4	248.9	0.00	0.00	0.00
2,120.0	16.72	317.11	2,087.7	190.8	-177.2	260.4	0.00	0.00	0.00
2,160.0	16.72	317.11	2,126.0	199.2	-185.0	271.9	0.00	0.00	0.00
2,200.0	16.72	317.11	2,164.3	207.6	-192.9	283.4	0.00	0.00	0.00
2,240.0	16.72	317.11	2,202.6	216.1	-200.7	294.9	0.00	0.00	0.00
2,280.0	16.72	317.11	2,241.0	224.5	-208.5	306.4	0.00	0.00	0.00
2,320.0	16.72	317.11	2,279.3	232.9	-216.4	317.9	0.00	0.00	0.00
2,360.0	16.72	317.11	2,317.6	241.4	-224.2	329.4	0.00	0.00	0.00
2,400.0	16.72	317.11	2,355.9	249.8	-232.0	340.9	0.00	0.00	0.00
2,440.0	16.72	317.11	2,394.2	258.2	-239.9	352.5	0.00	0.00	0.00
2,480.0	16.72	317.11	2,432.5	266.7	-247.7	364.0	0.00	0.00	0.00
2,520.0	16.72	317.11	2,470.8	275.1	-255.5	375.5	0.00	0.00	0.00
2,560.0	16.72	317.11	2,509.1	283.5	-263.4	387.0	0.00	0.00	0.00
2,600.0	16.72	317.11	2,547.4	291.9	-271.2	398.5	0.00	0.00	0.00
2,640.0	16.72	317.11	2,585.7	300.4	-279.0	410.0	0.00	0.00	0.00
2,680.0	16.72	317.11	2,624.0	308.8	-286.9	421.5	0.00	0.00	0.00
2,720.0	16.72	317.11	2,662.3	317.2	-294.7	433.0	0.00	0.00	0.00
2,760.0	16.72	317.11	2,700.7	325.7	-302.5	444.5	0.00	0.00	0.00
2,800.0	16.72	317.11	2,739.0	334.1	-310.4	456.0	0.00	0.00	0.00
2,840.0	16.72	317.11	2,777.3	342.5	-318.2	467.5	0.00	0.00	0.00
2,880.0	16.72	317.11	2,815.6	351.0	-326.0	479.1	0.00	0.00	0.00
2,920.0	16.72	317.11	2,853.9	359.4	-333.9	490.6	0.00	0.00	0.00
2,960.0	16.72	317.11	2,892.2	367.8	-341.7	502.1	0.00	0.00	0.00
3,000.0	16.72	317.11	2,930.5	376.3	-349.5	513.6	0.00	0.00	0.00
3,040.0	16.72	317.11	2,968.8	384.7	-357.4	525.1	0.00	0.00	0.00
3,080.0	16.72	317.11	3,007.1	393.1	-365.2	536.6	0.00	0.00	0.00
3,120.0	16.72	317.11	3,045.4	401.6	-373.0	548.1	0.00	0.00	0.00
3,160.0	16.72	317.11	3,083.7	410.0	-380.9	559.6	0.00	0.00	0.00
3,200.0	16.72	317.11	3,122.0	418.4	-388.7	571.1	0.00	0.00	0.00
3,240.0	16.72	317.11	3,160.4	426.9	-396.5	582.6	0.00	0.00	0.00
3,280.0	16.72	317.11	3,198.7	435.3	-404.4	594.1	0.00	0.00	0.00
3,320.0	16.72	317.11	3,237.0	443.7	-412.2	605.7	0.00	0.00	0.00
3,360.0	16.72	317.11	3,275.3	452.2	-420.0	617.2	0.00	0.00	0.00
3,400.0	16.72	317.11	3,313.6	460.6	-427.9	628.7	0.00	0.00	0.00
3,440.0	16.72	317.11	3,351.9	469.0	-435.7	640.2	0.00	0.00	0.00
3,480.0	16.72	317.11	3,390.2	477.5	-443.5	651.7	0.00	0.00	0.00
3,520.0	16.72	317.11	3,428.5	485.9	-451.4	663.2	0.00	0.00	0.00
3,560.0	16.72	317.11	3,466.8	494.3	-459.2	674.7	0.00	0.00	0.00
3,600.0	16.72	317.11	3,505.1	502.8	-467.0	686.2	0.00	0.00	0.00
3,640.0	16.72	317.11	3,543.4	511.2	-474.9	697.7	0.00	0.00	0.00
3,680.0	16.72	317.11	3,581.7	519.6	-482.7	709.2	0.00	0.00	0.00
3,720.0	16.72	317.11	3,620.1	528.0	-490.5	720.7	0.00	0.00	0.00
3,760.0	16.72	317.11	3,658.4	536.5	-498.4	732.3	0.00	0.00	0.00
3,800.0	16.72	317.11	3,696.7	544.9	-506.2	743.8	0.00	0.00	0.00
3,840.0	16.72	317.11	3,735.0	553.3	-514.0	755.3	0.00	0.00	0.00
3,880.0	16.72	317.11	3,773.3	561.8	-521.9	766.8	0.00	0.00	0.00
3,900.6	16.72	317.11	3,793.0	566.1	-525.9	772.7	0.00	0.00	0.00
PARKMAN									
3,920.0	16.72	317.11	3,811.6	570.2	-529.7	778.3	0.00	0.00	0.00
3,960.0	16.72	317.11	3,849.9	578.6	-537.5	789.8	0.00	0.00	0.00
4,000.0	16.72	317.11	3,888.2	587.1	-545.4	801.3	0.00	0.00	0.00
4,040.0	16.72	317.11	3,926.5	595.5	-553.2	812.8	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Triangle 18-22
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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 18-22	**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)
4,080.0	16.72	317.11	3,964.8	603.9	-561.0	824.3	0.00	0.00	0.00
4,120.0	16.72	317.11	4,003.1	612.4	-568.9	835.8	0.00	0.00	0.00
4,160.0	16.72	317.11	4,041.5	620.8	-576.7	847.3	0.00	0.00	0.00
4,200.0	16.72	317.11	4,079.8	629.2	-584.5	858.9	0.00	0.00	0.00
4,240.0	16.72	317.11	4,118.1	637.7	-592.4	870.4	0.00	0.00	0.00
4,280.0	16.72	317.11	4,156.4	646.1	-600.2	881.9	0.00	0.00	0.00
4,320.0	16.72	317.11	4,194.7	654.5	-608.0	893.4	0.00	0.00	0.00
4,360.0	16.72	317.11	4,233.0	663.0	-615.9	904.9	0.00	0.00	0.00
4,400.0	16.72	317.11	4,271.3	671.4	-623.7	916.4	0.00	0.00	0.00
4,440.0	16.72	317.11	4,309.6	679.8	-631.5	927.9	0.00	0.00	0.00
4,480.0	16.72	317.11	4,347.9	688.3	-639.4	939.4	0.00	0.00	0.00
4,520.0	16.72	317.11	4,386.2	696.7	-647.2	950.9	0.00	0.00	0.00
4,560.0	16.72	317.11	4,424.5	705.1	-655.0	962.4	0.00	0.00	0.00
4,600.0	16.72	317.11	4,462.8	713.6	-662.9	973.9	0.00	0.00	0.00
4,640.0	16.72	317.11	4,501.2	722.0	-670.7	985.5	0.00	0.00	0.00
4,680.0	16.72	317.11	4,539.5	730.4	-678.5	997.0	0.00	0.00	0.00
4,720.0	16.72	317.11	4,577.8	738.9	-686.4	1,008.5	0.00	0.00	0.00
4,760.0	16.72	317.11	4,616.1	747.3	-694.2	1,020.0	0.00	0.00	0.00
4,800.0	16.72	317.11	4,654.4	755.7	-702.0	1,031.5	0.00	0.00	0.00
4,840.0	16.72	317.11	4,692.7	764.1	-709.9	1,043.0	0.00	0.00	0.00
4,880.0	16.72	317.11	4,731.0	772.6	-717.7	1,054.5	0.00	0.00	0.00
4,920.0	16.72	317.11	4,769.3	781.0	-725.5	1,066.0	0.00	0.00	0.00
4,960.0	16.72	317.11	4,807.6	789.4	-733.4	1,077.5	0.00	0.00	0.00
5,000.0	16.72	317.11	4,845.9	797.9	-741.2	1,089.0	0.00	0.00	0.00
5,040.0	16.72	317.11	4,884.2	806.3	-749.0	1,100.5	0.00	0.00	0.00
5,080.0	16.72	317.11	4,922.5	814.7	-756.9	1,112.1	0.00	0.00	0.00
5,120.0	16.72	317.11	4,960.9	823.2	-764.7	1,123.6	0.00	0.00	0.00
5,135.5	16.72	317.11	4,975.7	826.4	-767.7	1,128.0	0.00	0.00	0.00
5,160.0	16.23	317.11	4,999.2	831.5	-772.5	1,135.0	2.00	-2.00	0.00
5,200.0	15.43	317.11	5,037.7	839.5	-779.9	1,145.9	2.00	-2.00	0.00
5,240.0	14.63	317.11	5,076.3	847.1	-787.0	1,156.3	2.00	-2.00	0.00
5,280.0	13.83	317.11	5,115.1	854.3	-793.7	1,166.1	2.00	-2.00	0.00
5,320.0	13.03	317.11	5,154.0	861.1	-800.0	1,175.4	2.00	-2.00	0.00
5,360.0	12.23	317.11	5,193.0	867.5	-805.9	1,184.1	2.00	-2.00	0.00
5,400.0	11.43	317.11	5,232.2	873.6	-811.5	1,192.3	2.00	-2.00	0.00
5,440.0	10.63	317.11	5,271.4	879.2	-816.7	1,200.0	2.00	-2.00	0.00
5,480.0	9.83	317.11	5,310.8	884.4	-821.6	1,207.1	2.00	-2.00	0.00
5,520.0	9.03	317.11	5,350.2	889.2	-826.0	1,213.6	2.00	-2.00	0.00
5,560.0	8.23	317.11	5,389.8	893.6	-830.1	1,219.7	2.00	-2.00	0.00
5,600.0	7.43	317.11	5,429.4	897.6	-833.8	1,225.1	2.00	-2.00	0.00
5,640.0	6.63	317.11	5,469.1	901.2	-837.2	1,230.0	2.00	-2.00	0.00
5,680.0	5.83	317.11	5,508.9	904.3	-840.1	1,234.3	2.00	-2.00	0.00
5,720.0	5.03	317.11	5,548.7	907.1	-842.7	1,238.1	2.00	-2.00	0.00
5,760.0	4.23	317.11	5,588.6	909.5	-844.9	1,241.4	2.00	-2.00	0.00
5,800.0	3.43	317.11	5,628.5	911.4	-846.7	1,244.0	2.00	-2.00	0.00
5,840.0	2.63	317.11	5,668.4	913.0	-848.1	1,246.1	2.00	-2.00	0.00
5,880.0	1.83	317.11	5,708.4	914.1	-849.2	1,247.7	2.00	-2.00	0.00
5,920.0	1.03	317.11	5,748.4	914.9	-849.9	1,248.7	2.00	-2.00	0.00
5,960.0	0.23	317.11	5,788.4	915.2	-850.2	1,249.1	2.00	-2.00	0.00
5,971.6	0.00	0.00	5,800.0	915.2	-850.2	1,249.2	2.00	-2.00	0.00
6,000.0	0.00	0.00	5,828.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,040.0	0.00	0.00	5,868.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,080.0	0.00	0.00	5,908.4	915.2	-850.2	1,249.2	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Triangle 18-22
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 18-22	**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	0.00	0.00	5,948.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,160.0	0.00	0.00	5,988.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,200.0	0.00	0.00	6,028.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,240.0	0.00	0.00	6,068.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,280.0	0.00	0.00	6,108.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,320.0	0.00	0.00	6,148.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,360.0	0.00	0.00	6,188.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,400.0	0.00	0.00	6,228.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,440.0	0.00	0.00	6,268.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,480.0	0.00	0.00	6,308.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,520.0	0.00	0.00	6,348.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,560.0	0.00	0.00	6,388.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,600.0	0.00	0.00	6,428.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,640.0	0.00	0.00	6,468.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,680.0	0.00	0.00	6,508.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,720.0	0.00	0.00	6,548.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,760.0	0.00	0.00	6,588.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,800.0	0.00	0.00	6,628.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,840.0	0.00	0.00	6,668.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,880.0	0.00	0.00	6,708.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,920.0	0.00	0.00	6,748.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
6,960.0	0.00	0.00	6,788.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,000.0	0.00	0.00	6,828.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,040.0	0.00	0.00	6,868.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,080.0	0.00	0.00	6,908.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,102.6	0.00	0.00	6,931.0	915.2	-850.2	1,249.2	0.00	0.00	0.00
NIOBRARA									
7,120.0	0.00	0.00	6,948.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,160.0	0.00	0.00	6,988.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,200.0	0.00	0.00	7,028.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,240.0	0.00	0.00	7,068.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,280.0	0.00	0.00	7,108.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,320.0	0.00	0.00	7,148.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,360.0	0.00	0.00	7,188.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,360.6	0.00	0.00	7,189.0	915.2	-850.2	1,249.2	0.00	0.00	0.00
FORT HAYS									
7,396.6	0.00	0.00	7,225.0	915.2	-850.2	1,249.2	0.00	0.00	0.00
CODELL									
7,400.0	0.00	0.00	7,228.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,440.0	0.00	0.00	7,268.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,450.6	0.00	0.00	7,279.0	915.2	-850.2	1,249.2	0.00	0.00	0.00
GREENHORN									
7,480.0	0.00	0.00	7,308.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,520.0	0.00	0.00	7,348.4	915.2	-850.2	1,249.2	0.00	0.00	0.00
7,538.6	0.00	0.00	7,367.0	915.2	-850.2	1,249.2	0.00	0.00	0.00
GRANEROS									
7,546.6	0.00	0.00	7,375.0	915.2	-850.2	1,249.2	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Triangle 18-22
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 18-22	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (10-02-12)		

Casing Points

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

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,900.6	3,793.0	PARKMAN		0.00	
7,102.6	6,931.0	NIOBRARA		0.00	
7,360.6	7,189.0	FORT HAYS		0.00	
7,396.6	7,225.0	CODELL		0.00	
7,450.6	7,279.0	GREENHORN		0.00	
7,538.6	7,367.0	GRANEROS		0.00	

ENSIGN
Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.22-T7N-R65W
Triangle 4 Pad Sec.22-T7N-R65W
Triangle 18-22

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

Anticollision Report

02 October, 2012

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 18-22
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 18-22	**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	7,546.6	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 32-22 - Wellbore #1 - Plan #1 (10-02-12)	200.0	200.0	45.2	44.6	67.103	CC, ES
Triangle 32-22 - Wellbore #1 - Plan #1 (10-02-12)	600.0	593.1	67.5	65.0	27.301	SF
Triangle 4-22 - Wellbore #1 - Plan #1 (10-02-12)	200.0	200.0	15.3	14.6	22.671	CC
Triangle 4-22 - Wellbore #1 - Plan #1 (10-02-12)	300.0	299.9	15.4	14.3	13.764	ES
Triangle 4-22 - Wellbore #1 - Plan #1 (10-02-12)	400.0	399.7	16.9	15.4	10.751	SF
Triangle 6-22 - Wellbore #1 - Plan #1 (10-02-12)	800.0	800.0	30.1	26.8	8.934	CC
Triangle 6-22 - Wellbore #1 - Plan #1 (10-02-12)	900.0	900.0	30.4	26.6	7.974	ES
Triangle 6-22 - Wellbore #1 - Plan #1 (10-02-12)	1,000.0	999.8	32.0	27.7	7.494	SF

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	-142.12	-35.7	-27.8	45.2				
100.0	100.0	100.0	100.0	0.1	0.1	-142.12	-35.7	-27.8	45.2	45.0	0.22	201.310	
200.0	200.0	200.0	200.0	0.3	0.3	-142.12	-35.7	-27.8	45.2	44.6	0.67	67.103	CC, ES
300.0	300.0	298.9	298.8	0.6	0.5	-140.62	-35.9	-29.5	46.5	45.4	1.11	41.837	
400.0	400.0	397.5	397.3	0.8	0.8	-136.60	-36.5	-34.5	50.3	48.8	1.55	32.381	
500.0	500.0	495.6	495.1	1.0	1.0	-131.16	-37.5	-42.9	57.2	55.2	2.01	28.493	
600.0	600.0	593.1	591.9	1.2	1.3	-125.52	-38.9	-54.5	67.5	65.0	2.47	27.301	SF
700.0	700.0	689.7	687.3	1.5	1.6	-120.44	-40.7	-69.2	81.3	78.4	2.95	27.558	
800.0	800.0	785.1	781.1	1.7	2.0	-116.22	-42.8	-86.9	98.7	95.3	3.45	28.605	
900.0	900.0	879.5	873.1	1.9	2.4	-70.34	-45.3	-107.4	119.0	115.2	3.89	30.614	
1,000.0	999.8	972.9	963.5	2.1	2.9	-69.05	-48.0	-130.7	141.4	137.1	4.37	32.388	
1,100.0	1,099.5	1,065.1	1,052.0	2.4	3.4	-68.79	-51.1	-156.5	165.6	160.8	4.87	34.029	
1,200.0	1,198.7	1,156.2	1,138.5	2.6	4.0	-69.14	-54.5	-184.8	191.6	186.2	5.40	35.464	
1,300.0	1,297.5	1,246.0	1,222.9	2.9	4.6	-69.85	-58.2	-215.3	219.4	213.4	5.99	36.640	
1,400.0	1,395.6	1,334.4	1,305.0	3.2	5.3	-70.76	-62.1	-247.9	249.0	242.4	6.63	37.550	
1,500.0	1,493.1	1,421.5	1,384.8	3.6	6.0	-71.76	-66.2	-282.5	280.5	273.1	7.35	38.140	
1,600.0	1,589.6	1,507.1	1,462.2	4.0	6.7	-72.78	-70.6	-318.8	313.8	305.6	8.16	38.460	
1,636.1	1,624.3	1,537.7	1,489.6	4.2	7.0	-73.14	-72.2	-332.3	326.3	317.8	8.47	38.503	

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 18-22
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 18-22	**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
1,700.0	1,685.5	1,593.4	1,539.1	4.5	7.6	-74.18	-75.3	-357.6	349.1	340.0	9.08	38.453	
1,800.0	1,781.2	1,686.2	1,621.5	5.0	8.5	-75.62	-80.3	-400.0	385.4	375.3	10.09	38.211	
1,900.0	1,877.0	1,779.0	1,703.8	5.6	9.4	-76.81	-85.4	-442.5	421.8	410.7	11.13	37.903	
2,000.0	1,972.8	1,871.8	1,786.2	6.1	10.3	-77.82	-90.5	-485.0	458.3	446.1	12.20	37.569	
2,100.0	2,068.6	1,964.6	1,868.6	6.7	11.2	-78.68	-95.6	-527.4	495.0	481.7	13.29	37.234	
2,200.0	2,164.3	2,057.4	1,950.9	7.2	12.2	-79.42	-100.7	-569.9	531.7	517.3	14.41	36.910	
2,300.0	2,260.1	2,150.2	2,033.3	7.8	13.1	-80.06	-105.8	-612.3	568.5	553.0	15.53	36.605	
2,400.0	2,355.9	2,243.0	2,115.6	8.4	14.0	-80.63	-110.9	-654.8	605.4	588.7	16.67	36.320	
2,500.0	2,451.6	2,335.8	2,198.0	8.9	15.0	-81.13	-116.0	-697.3	642.3	624.5	17.81	36.055	
2,600.0	2,547.4	2,428.6	2,280.4	9.5	15.9	-81.58	-121.1	-739.7	679.3	660.3	18.97	35.810	
2,700.0	2,643.2	2,521.4	2,362.7	10.1	16.9	-81.98	-126.2	-782.2	716.2	696.1	20.13	35.584	
2,800.0	2,739.0	2,614.2	2,445.1	10.7	17.8	-82.34	-131.2	-824.6	753.3	732.0	21.29	35.376	
2,900.0	2,834.7	2,707.0	2,527.4	11.3	18.7	-82.67	-136.3	-867.1	790.3	767.8	22.46	35.183	
3,000.0	2,930.5	2,799.8	2,609.8	11.9	19.7	-82.97	-141.4	-909.6	827.3	803.7	23.64	35.004	
3,100.0	3,026.3	2,892.6	2,692.2	12.5	20.6	-83.24	-146.5	-952.0	864.4	839.6	24.81	34.839	
3,200.0	3,122.0	2,985.4	2,774.5	13.0	21.6	-83.49	-151.6	-994.5	901.5	875.5	25.99	34.685	
3,300.0	3,217.8	3,078.2	2,856.9	13.6	22.5	-83.72	-156.7	-1,036.9	938.6	911.4	27.17	34.542	
3,400.0	3,313.6	3,171.0	2,939.2	14.2	23.4	-83.94	-161.8	-1,079.4	975.7	947.3	28.36	34.409	
3,500.0	3,409.4	3,263.8	3,021.6	14.8	24.4	-84.14	-166.9	-1,121.9	1,012.8	983.3	29.54	34.284	
3,600.0	3,505.1	3,356.6	3,104.0	15.4	25.3	-84.32	-172.0	-1,164.3	1,049.9	1,019.2	30.73	34.168	
3,700.0	3,600.9	3,449.4	3,186.3	16.0	26.3	-84.49	-177.1	-1,206.8	1,087.1	1,055.2	31.92	34.059	
3,800.0	3,696.7	3,542.2	3,268.7	16.6	27.2	-84.65	-182.2	-1,249.2	1,124.2	1,091.1	33.11	33.957	
3,900.0	3,792.4	3,635.0	3,351.0	17.2	28.2	-84.80	-187.2	-1,291.7	1,161.4	1,127.1	34.30	33.860	
4,000.0	3,888.2	3,727.8	3,433.4	17.8	29.1	-84.94	-192.3	-1,334.2	1,198.5	1,163.1	35.49	33.770	
4,100.0	3,984.0	3,820.6	3,515.8	18.4	30.0	-85.07	-197.4	-1,376.6	1,235.7	1,199.0	36.69	33.684	
4,200.0	4,079.8	3,913.4	3,598.1	19.0	31.0	-85.20	-202.5	-1,419.1	1,272.9	1,235.0	37.88	33.604	
4,300.0	4,175.5	4,006.2	3,680.5	19.6	31.9	-85.31	-207.6	-1,461.5	1,310.1	1,271.0	39.07	33.527	
4,400.0	4,271.3	4,099.0	3,762.8	20.2	32.9	-85.42	-212.7	-1,504.0	1,347.2	1,307.0	40.27	33.455	
4,500.0	4,367.1	4,191.8	3,845.2	20.8	33.8	-85.53	-217.8	-1,546.5	1,384.4	1,343.0	41.47	33.386	
4,600.0	4,462.8	4,284.6	3,927.6	21.4	34.8	-85.63	-222.9	-1,588.9	1,421.6	1,379.0	42.66	33.321	
4,700.0	4,558.6	4,377.4	4,009.9	22.0	35.7	-85.72	-228.0	-1,631.4	1,458.8	1,414.9	43.86	33.259	
4,800.0	4,654.4	4,470.2	4,092.3	22.6	36.7	-85.81	-233.1	-1,673.8	1,496.0	1,450.9	45.06	33.200	
4,900.0	4,750.2	4,563.0	4,174.6	23.2	37.6	-85.90	-238.2	-1,716.3	1,533.2	1,486.9	46.26	33.144	
5,000.0	4,845.9	4,655.8	4,257.0	23.8	38.6	-85.98	-243.2	-1,758.8	1,570.4	1,522.9	47.46	33.090	
5,100.0	4,941.7	4,748.6	4,339.4	24.4	39.5	-86.06	-248.3	-1,801.2	1,607.6	1,559.0	48.66	33.039	
5,135.5	4,975.7	4,781.5	4,368.6	24.6	39.8	-86.08	-250.1	-1,816.3	1,620.8	1,571.7	49.08	33.022	
5,200.0	5,037.7	4,841.4	4,421.7	24.9	40.4	-86.62	-253.4	-1,843.7	1,644.9	1,594.9	50.00	32.894	
5,300.0	5,134.5	4,934.1	4,504.0	25.3	41.4	-87.35	-258.5	-1,886.1	1,682.3	1,631.0	51.30	32.791	
5,400.0	5,232.2	5,026.6	4,586.1	25.7	42.3	-87.97	-263.6	-1,928.4	1,719.9	1,667.4	52.52	32.745	
5,500.0	5,330.5	5,118.8	4,667.9	26.0	43.3	-88.47	-268.6	-1,970.6	1,757.6	1,703.9	53.66	32.755	
5,600.0	5,429.4	5,293.5	4,825.0	26.3	44.7	-88.55	-277.7	-2,046.5	1,793.7	1,738.8	54.92	32.657	
5,700.0	5,528.8	5,490.3	5,007.1	26.5	46.0	-88.48	-286.6	-2,120.5	1,824.8	1,768.8	56.02	32.576	
5,800.0	5,628.5	5,694.9	5,201.4	26.7	47.2	-88.33	-294.2	-2,184.0	1,850.5	1,793.6	56.91	32.519	
5,900.0	5,728.4	5,906.3	5,406.4	26.9	48.0	-88.11	-300.3	-2,235.0	1,870.6	1,813.0	57.57	32.490	
5,971.6	5,800.0	6,061.2	5,558.7	26.9	48.5	-130.79	-303.7	-2,262.8	1,881.3	1,823.4	57.91	32.489	
6,000.0	5,828.4	6,123.3	5,620.2	27.0	48.7	-130.64	-304.7	-2,271.7	1,884.7	1,826.7	57.98	32.506	
6,100.0	5,928.4	6,344.5	5,840.3	27.1	49.1	-130.29	-307.2	-2,292.3	1,892.6	1,834.3	58.25	32.493	
6,200.0	6,028.4	6,532.6	6,028.4	27.2	49.2	-130.21	-307.7	-2,296.8	1,894.2	1,835.7	58.49	32.383	
6,300.0	6,128.4	6,632.6	6,128.4	27.3	49.3	-130.21	-307.7	-2,296.8	1,894.2	1,835.6	58.68	32.280	
6,400.0	6,228.4	6,732.6	6,228.4	27.4	49.3	-130.21	-307.7	-2,296.8	1,894.2	1,835.4	58.87	32.175	
6,500.0	6,328.4	6,832.6	6,328.4	27.5	49.4	-130.21	-307.7	-2,296.8	1,894.2	1,835.2	59.07	32.069	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 18-22
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 18-22	**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
6,600.0	6,428.4	6,932.6	6,428.4	27.6	49.5	-130.21	-307.7	-2,296.8	1,894.2	1,835.0	59.27	31.962	
6,700.0	6,528.4	7,032.6	6,528.4	27.7	49.5	-130.21	-307.7	-2,296.8	1,894.2	1,834.8	59.47	31.854	
6,800.0	6,628.4	7,132.6	6,628.4	27.8	49.6	-130.21	-307.7	-2,296.8	1,894.2	1,834.6	59.67	31.746	
6,900.0	6,728.4	7,232.6	6,728.4	27.9	49.7	-130.21	-307.7	-2,296.8	1,894.2	1,834.4	59.87	31.637	
7,000.0	6,828.4	7,332.6	6,828.4	28.1	49.7	-130.21	-307.7	-2,296.8	1,894.2	1,834.2	60.08	31.527	
7,100.0	6,928.4	7,432.6	6,928.4	28.2	49.8	-130.21	-307.7	-2,296.8	1,894.2	1,833.9	60.29	31.417	
7,200.0	7,028.4	7,532.6	7,028.4	28.3	49.8	-130.21	-307.7	-2,296.8	1,894.2	1,833.7	60.51	31.306	
7,300.0	7,128.4	7,632.6	7,128.4	28.4	49.9	-130.21	-307.7	-2,296.8	1,894.2	1,833.5	60.72	31.195	
7,400.0	7,228.4	7,732.6	7,228.4	28.5	50.0	-130.21	-307.7	-2,296.8	1,894.2	1,833.3	60.94	31.083	
7,500.0	7,328.4	7,832.6	7,328.4	28.7	50.1	-130.21	-307.7	-2,296.8	1,894.2	1,833.1	61.16	30.971	
7,546.6	7,375.0	7,879.2	7,375.0	28.7	50.1	-130.21	-307.7	-2,296.8	1,894.2	1,833.0	61.27	30.918	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 18-22
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 18-22	**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 4-22 - 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	-141.83	-12.0	-9.4	15.3	15.3	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	-141.83	-12.0	-9.4	15.3	15.1	0.22	68.013	
200.0	200.0	200.0	200.0	0.3	0.3	-141.83	-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	-141.69	-12.0	-9.5	15.3	14.5	0.74	20.685	
300.0	300.0	299.9	299.9	0.6	0.6	-135.34	-11.0	-10.8	15.4	14.3	1.12	13.764	ES
400.0	400.0	399.7	399.5	0.8	0.8	-117.59	-7.8	-15.0	16.9	15.4	1.58	10.751	SF
500.0	500.0	498.9	498.3	1.0	1.0	-96.93	-2.7	-21.9	22.1	20.1	2.04	10.856	
600.0	600.0	597.4	596.1	1.2	1.3	-81.84	4.5	-31.4	32.0	29.5	2.51	12.754	
700.0	700.0	695.0	692.5	1.5	1.6	-72.65	13.6	-43.5	46.2	43.2	3.00	15.408	
800.0	800.0	791.4	787.2	1.7	2.0	-67.11	24.5	-58.1	64.3	60.8	3.52	18.285	
900.0	900.0	886.8	880.3	1.9	2.4	-20.98	37.2	-75.0	84.4	80.5	3.91	21.593	
1,000.0	999.8	981.7	972.0	2.1	2.9	-19.30	51.6	-94.2	104.6	100.2	4.37	23.912	
1,100.0	1,099.5	1,075.9	1,062.3	2.4	3.4	-18.41	67.8	-115.7	124.8	119.9	4.85	25.728	
1,200.0	1,198.7	1,169.5	1,151.1	2.6	4.0	-17.99	85.6	-139.3	144.9	139.6	5.34	27.141	
1,300.0	1,297.5	1,262.4	1,238.3	2.9	4.6	-17.85	105.0	-165.2	165.0	159.1	5.85	28.217	
1,400.0	1,395.6	1,354.8	1,323.8	3.2	5.3	-17.91	125.9	-193.0	184.9	178.5	6.36	29.053	
1,500.0	1,493.1	1,446.7	1,407.7	3.6	6.1	-18.10	148.4	-222.9	204.7	197.8	6.92	29.598	
1,600.0	1,589.6	1,543.8	1,495.6	4.0	6.9	-18.46	173.2	-256.0	223.3	215.8	7.51	29.737	
1,636.1	1,624.3	1,579.4	1,527.8	4.2	7.2	-18.64	182.3	-268.1	229.2	221.5	7.73	29.651	
1,700.0	1,685.5	1,642.5	1,584.8	4.5	7.8	-19.04	198.5	-289.6	239.4	231.2	8.15	29.354	
1,800.0	1,781.2	1,741.2	1,674.1	5.0	8.7	-19.60	223.8	-323.3	255.2	246.4	8.83	28.898	
1,900.0	1,877.0	1,839.9	1,763.4	5.6	9.5	-20.10	249.1	-356.9	271.1	261.6	9.53	28.457	
2,000.0	1,972.8	1,938.6	1,852.7	6.1	10.4	-20.54	274.3	-390.6	287.1	276.8	10.24	28.037	
2,100.0	2,068.6	2,037.3	1,941.9	6.7	11.3	-20.94	299.6	-424.3	303.0	292.0	10.96	27.641	
2,200.0	2,164.3	2,136.0	2,031.2	7.2	12.2	-21.29	324.9	-457.9	318.9	307.2	11.69	27.271	
2,300.0	2,260.1	2,234.7	2,120.5	7.8	13.1	-21.62	350.2	-491.6	334.9	322.4	12.44	26.925	
2,400.0	2,355.9	2,333.4	2,209.8	8.4	14.0	-21.91	375.5	-525.2	350.8	337.6	13.19	26.602	
2,500.0	2,451.6	2,432.1	2,299.1	8.9	14.8	-22.18	400.8	-558.9	366.8	352.9	13.95	26.302	
2,600.0	2,547.4	2,530.8	2,388.3	9.5	15.7	-22.42	426.0	-592.5	382.8	368.1	14.71	26.023	
2,700.0	2,643.2	2,629.5	2,477.6	10.1	16.6	-22.65	451.3	-626.2	398.8	383.3	15.48	25.763	
2,800.0	2,739.0	2,728.2	2,566.9	10.7	17.5	-22.86	476.6	-659.8	414.7	398.5	16.25	25.520	
2,900.0	2,834.7	2,826.9	2,656.2	11.3	18.4	-23.05	501.9	-693.5	430.7	413.7	17.03	25.293	
3,000.0	2,930.5	2,925.6	2,745.5	11.9	19.3	-23.23	527.2	-727.1	446.7	428.9	17.81	25.082	
3,100.0	3,026.3	3,024.3	2,834.7	12.5	20.2	-23.39	552.5	-760.8	462.7	444.1	18.60	24.883	
3,200.0	3,122.0	3,123.0	2,924.0	13.0	21.1	-23.55	577.7	-794.4	478.7	459.4	19.38	24.698	
3,300.0	3,217.8	3,221.7	3,013.3	13.6	22.0	-23.69	603.0	-828.1	494.7	474.6	20.17	24.523	
3,400.0	3,313.6	3,320.4	3,102.6	14.2	22.9	-23.83	628.3	-861.7	510.8	489.8	20.97	24.359	
3,500.0	3,409.4	3,419.1	3,191.8	14.8	23.8	-23.96	653.6	-895.4	526.8	505.0	21.76	24.205	
3,600.0	3,505.1	3,517.8	3,281.1	15.4	24.7	-24.08	678.9	-929.0	542.8	520.2	22.56	24.060	
3,700.0	3,600.9	3,616.6	3,370.4	16.0	25.6	-24.19	704.2	-962.7	558.8	535.4	23.36	23.923	
3,800.0	3,696.7	3,715.3	3,459.7	16.6	26.5	-24.30	729.4	-996.3	574.8	550.7	24.16	23.793	
3,900.0	3,792.4	3,814.0	3,549.0	17.2	27.3	-24.40	754.7	-1,030.0	590.8	565.9	24.96	23.670	
4,000.0	3,888.2	3,912.7	3,638.2	17.8	28.2	-24.50	780.0	-1,063.6	606.9	581.1	25.77	23.554	
4,100.0	3,984.0	4,011.4	3,727.5	18.4	29.1	-24.59	805.3	-1,097.3	622.9	596.3	26.57	23.444	
4,200.0	4,079.8	4,110.1	3,816.8	19.0	30.0	-24.67	830.6	-1,130.9	638.9	611.5	27.38	23.339	
4,300.0	4,175.5	4,208.8	3,906.1	19.6	30.9	-24.76	855.9	-1,164.6	654.9	626.8	28.18	23.239	
4,400.0	4,271.3	4,307.5	3,995.4	20.2	31.8	-24.83	881.1	-1,198.2	671.0	642.0	28.99	23.144	
4,500.0	4,367.1	4,406.2	4,084.6	20.8	32.7	-24.91	906.4	-1,231.9	687.0	657.2	29.80	23.054	
4,600.0	4,462.8	4,504.9	4,173.9	21.4	33.6	-24.98	931.7	-1,265.5	703.0	672.4	30.61	22.967	
4,700.0	4,558.6	4,603.6	4,263.2	22.0	34.5	-25.05	957.0	-1,299.2	719.1	687.6	31.42	22.885	
4,800.0	4,654.4	4,702.3	4,352.5	22.6	35.4	-25.11	982.3	-1,332.8	735.1	702.9	32.23	22.806	

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 18-22
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 18-22	**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 4-22 - 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	4,750.2	4,801.0	4,441.7	23.2	36.3	-25.18	1,007.6	-1,366.5	751.1	718.1	33.05	22.731	
5,000.0	4,845.9	4,899.7	4,531.0	23.8	37.2	-25.24	1,032.8	-1,400.1	767.2	733.3	33.86	22.658	
5,100.0	4,941.7	4,998.4	4,620.3	24.4	38.1	-25.29	1,058.1	-1,433.8	783.2	748.5	34.67	22.589	
5,135.5	4,975.7	5,033.5	4,652.0	24.6	38.4	-25.31	1,067.1	-1,445.7	788.9	753.9	34.96	22.565	
5,200.0	5,037.7	5,097.0	4,709.5	24.9	39.0	-25.42	1,083.4	-1,467.4	799.9	764.4	35.45	22.564	
5,300.0	5,134.5	5,203.4	4,805.8	25.3	39.9	-25.52	1,110.5	-1,503.6	819.4	783.2	36.14	22.672	
5,400.0	5,232.2	5,339.3	4,930.7	25.7	40.8	-25.54	1,142.8	-1,546.5	838.8	802.0	36.80	22.794	
5,500.0	5,330.5	5,476.9	5,059.5	26.0	41.7	-25.53	1,171.8	-1,585.1	856.8	819.5	37.37	22.930	
5,600.0	5,429.4	5,616.0	5,191.9	26.3	42.4	-25.50	1,197.3	-1,619.0	873.4	835.6	37.84	23.083	
5,700.0	5,528.8	5,756.5	5,327.6	26.5	43.0	-25.44	1,219.1	-1,648.1	888.4	850.2	38.20	23.255	
5,800.0	5,628.5	5,898.4	5,466.3	26.7	43.5	-25.35	1,237.1	-1,671.9	901.9	863.4	38.47	23.441	
5,900.0	5,728.4	6,041.4	5,607.4	26.9	44.0	-25.23	1,250.9	-1,690.4	913.7	875.1	38.64	23.648	
5,971.6	5,800.0	6,144.5	5,709.8	26.9	44.2	-68.02	1,258.3	-1,700.3	921.1	882.4	38.69	23.807	
6,000.0	5,828.4	6,185.5	5,750.7	27.0	44.3	-67.96	1,260.7	-1,703.4	923.7	884.9	38.77	23.826	
6,100.0	5,928.4	6,330.8	5,895.6	27.1	44.5	-67.81	1,266.0	-1,710.5	929.7	890.6	39.06	23.803	
6,200.0	6,028.4	6,463.6	6,028.4	27.2	44.6	-67.78	1,267.2	-1,712.0	931.0	891.6	39.35	23.656	
6,300.0	6,128.4	6,563.6	6,128.4	27.3	44.6	-67.78	1,267.2	-1,712.0	931.0	891.3	39.63	23.494	
6,400.0	6,228.4	6,663.6	6,228.4	27.4	44.7	-67.78	1,267.2	-1,712.0	931.0	891.0	39.90	23.332	
6,500.0	6,328.4	6,763.6	6,328.4	27.5	44.8	-67.78	1,267.2	-1,712.0	931.0	890.8	40.18	23.170	
6,600.0	6,428.4	6,863.6	6,428.4	27.6	44.8	-67.78	1,267.2	-1,712.0	931.0	890.5	40.46	23.008	
6,700.0	6,528.4	6,963.6	6,528.4	27.7	44.9	-67.78	1,267.2	-1,712.0	931.0	890.2	40.75	22.847	
6,800.0	6,628.4	7,063.6	6,628.4	27.8	45.0	-67.78	1,267.2	-1,712.0	931.0	889.9	41.03	22.687	
6,900.0	6,728.4	7,163.6	6,728.4	27.9	45.0	-67.78	1,267.2	-1,712.0	931.0	889.6	41.33	22.527	
7,000.0	6,828.4	7,263.6	6,828.4	28.1	45.1	-67.78	1,267.2	-1,712.0	931.0	889.3	41.62	22.369	
7,100.0	6,928.4	7,363.6	6,928.4	28.2	45.2	-67.78	1,267.2	-1,712.0	931.0	889.0	41.91	22.211	
7,200.0	7,028.4	7,463.6	7,028.4	28.3	45.3	-67.78	1,267.2	-1,712.0	931.0	888.7	42.21	22.053	
7,300.0	7,128.4	7,563.6	7,128.4	28.4	45.3	-67.78	1,267.2	-1,712.0	931.0	888.4	42.52	21.897	
7,400.0	7,228.4	7,663.6	7,228.4	28.5	45.4	-67.78	1,267.2	-1,712.0	931.0	888.1	42.82	21.741	
7,500.0	7,328.4	7,763.6	7,328.4	28.7	45.5	-67.78	1,267.2	-1,712.0	931.0	887.8	43.13	21.587	
7,546.6	7,375.0	7,810.2	7,375.0	28.7	45.5	-67.78	1,267.2	-1,712.0	931.0	887.7	43.27	21.515	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 18-22
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 18-22	**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	-141.83	-23.7	-18.6	30.1				
100.0	100.0	100.0	100.0	0.1	0.1	-141.83	-23.7	-18.6	30.1	29.9	0.22	134.016	
200.0	200.0	200.0	200.0	0.3	0.3	-141.83	-23.7	-18.6	30.1	29.4	0.67	44.672	
300.0	300.0	300.0	300.0	0.6	0.6	-141.83	-23.7	-18.6	30.1	29.0	1.12	26.803	
400.0	400.0	400.0	400.0	0.8	0.8	-141.83	-23.7	-18.6	30.1	28.5	1.57	19.145	
500.0	500.0	500.0	500.0	1.0	1.0	-141.83	-23.7	-18.6	30.1	28.1	2.02	14.891	
600.0	600.0	600.0	600.0	1.2	1.2	-141.83	-23.7	-18.6	30.1	27.6	2.47	12.183	
700.0	700.0	700.0	700.0	1.5	1.5	-141.83	-23.7	-18.6	30.1	27.2	2.92	10.309	
800.0	800.0	800.0	800.0	1.7	1.7	-141.83	-23.7	-18.6	30.1	26.8	3.37	8.934	CC
900.0	900.0	900.0	900.0	1.9	1.9	-102.18	-23.7	-18.6	30.4	26.6	3.82	7.974	ES
1,000.0	999.8	999.8	999.8	2.1	2.1	-111.35	-23.7	-18.6	32.0	27.7	4.26	7.494	SF
1,100.0	1,099.5	1,099.5	1,099.5	2.4	2.4	-124.25	-23.7	-18.6	36.1	31.3	4.72	7.643	
1,200.0	1,198.7	1,198.7	1,198.7	2.6	2.6	-137.30	-23.7	-18.6	44.1	38.9	5.17	8.527	
1,300.0	1,297.5	1,297.5	1,297.5	2.9	2.8	-147.92	-23.7	-18.6	56.6	51.0	5.62	10.081	
1,400.0	1,395.6	1,395.6	1,395.6	3.2	3.0	-155.67	-23.7	-18.6	73.6	67.5	6.06	12.148	
1,500.0	1,493.1	1,493.1	1,493.1	3.6	3.2	-161.14	-23.7	-18.6	94.6	88.1	6.49	14.583	
1,600.0	1,589.6	1,589.6	1,589.6	4.0	3.5	-165.02	-23.7	-18.6	119.4	112.5	6.91	17.282	
1,636.1	1,624.3	1,624.3	1,624.3	4.2	3.5	-166.13	-23.7	-18.6	129.3	122.2	7.06	18.307	
1,700.0	1,685.5	1,685.5	1,685.5	4.5	3.7	-167.84	-23.7	-18.6	147.2	139.9	7.36	20.012	
1,800.0	1,781.2	1,781.2	1,781.2	5.0	3.9	-169.82	-23.7	-18.6	175.5	167.7	7.83	22.429	
1,900.0	1,877.0	1,877.0	1,877.0	5.6	4.1	-171.25	-23.7	-18.6	203.9	195.6	8.30	24.573	
2,000.0	1,972.8	1,972.8	1,972.8	6.1	4.3	-172.32	-23.7	-18.6	232.4	223.7	8.78	26.482	
2,100.0	2,068.6	2,074.6	2,074.6	6.7	4.5	-173.11	-23.3	-19.5	260.2	250.9	9.27	28.085	
2,200.0	2,164.3	2,180.4	2,180.3	7.2	4.8	-173.42	-21.2	-23.7	285.0	275.2	9.76	29.203	
2,300.0	2,260.1	2,287.9	2,287.4	7.8	5.0	-173.32	-17.3	-31.6	306.6	296.3	10.27	29.855	
2,400.0	2,355.9	2,396.8	2,395.6	8.4	5.3	-172.91	-11.6	-43.2	324.9	314.1	10.80	30.084	
2,500.0	2,451.6	2,501.8	2,499.3	8.9	5.5	-172.26	-4.5	-57.7	340.2	328.8	11.34	30.000	
2,600.0	2,547.4	2,600.6	2,596.9	9.5	5.8	-171.66	2.4	-71.8	355.0	343.1	11.88	29.876	
2,700.0	2,643.2	2,699.5	2,694.4	10.1	6.1	-171.11	9.4	-85.9	369.9	357.4	12.44	29.745	
2,800.0	2,739.0	2,798.3	2,792.0	10.7	6.3	-170.60	16.3	-100.0	384.8	371.8	13.00	29.607	
2,900.0	2,834.7	2,897.1	2,889.6	11.3	6.6	-170.13	23.3	-114.1	399.7	386.2	13.57	29.467	
3,000.0	2,930.5	2,995.9	2,987.1	11.9	6.9	-169.69	30.2	-128.2	414.7	400.5	14.14	29.324	
3,100.0	3,026.3	3,094.8	3,084.7	12.5	7.2	-169.28	37.1	-142.3	429.6	414.9	14.72	29.182	
3,200.0	3,122.0	3,193.6	3,182.3	13.0	7.6	-168.90	44.1	-156.5	444.6	429.3	15.31	29.040	
3,300.0	3,217.8	3,292.4	3,279.8	13.6	7.9	-168.55	51.0	-170.6	459.7	443.8	15.91	28.900	
3,400.0	3,313.6	3,391.2	3,377.4	14.2	8.2	-168.21	58.0	-184.7	474.7	458.2	16.50	28.763	
3,500.0	3,409.4	3,490.1	3,475.0	14.8	8.5	-167.90	64.9	-198.8	489.7	472.6	17.11	28.628	
3,600.0	3,505.1	3,588.9	3,572.5	15.4	8.9	-167.61	71.8	-212.9	504.8	487.1	17.71	28.496	
3,700.0	3,600.9	3,687.7	3,670.1	16.0	9.2	-167.33	78.8	-227.0	519.9	501.5	18.33	28.368	
3,800.0	3,696.7	3,786.6	3,767.7	16.6	9.5	-167.07	85.7	-241.1	534.9	516.0	18.94	28.243	
3,900.0	3,792.4	3,885.4	3,865.2	17.2	9.9	-166.82	92.7	-255.2	550.0	530.5	19.56	28.122	
4,000.0	3,888.2	3,984.2	3,962.8	17.8	10.2	-166.59	99.6	-269.4	565.1	545.0	20.18	28.005	
4,100.0	3,984.0	4,083.0	4,060.4	18.4	10.6	-166.37	106.5	-283.5	580.3	559.5	20.80	27.891	
4,200.0	4,079.8	4,181.9	4,157.9	19.0	10.9	-166.16	113.5	-297.6	595.4	573.9	21.43	27.780	
4,300.0	4,175.5	4,280.7	4,255.5	19.6	11.3	-165.96	120.4	-311.7	610.5	588.4	22.06	27.673	
4,400.0	4,271.3	4,379.5	4,353.1	20.2	11.6	-165.77	127.3	-325.8	625.6	602.9	22.69	27.570	
4,500.0	4,367.1	4,478.3	4,450.7	20.8	12.0	-165.59	134.3	-339.9	640.8	617.4	23.33	27.470	
4,600.0	4,462.8	4,576.5	4,547.6	21.4	12.3	-165.42	141.2	-354.0	655.9	632.0	23.96	27.377	
4,700.0	4,558.6	4,659.4	4,629.6	22.0	12.5	-165.34	146.4	-364.6	672.3	647.9	24.48	27.461	
4,800.0	4,654.4	4,741.7	4,711.3	22.6	12.7	-165.39	150.6	-373.1	691.1	666.1	24.97	27.672	
4,900.0	4,750.2	4,823.1	4,792.4	23.2	12.9	-165.54	153.7	-379.5	712.1	686.7	25.44	27.992	

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 18-22
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 18-22	**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

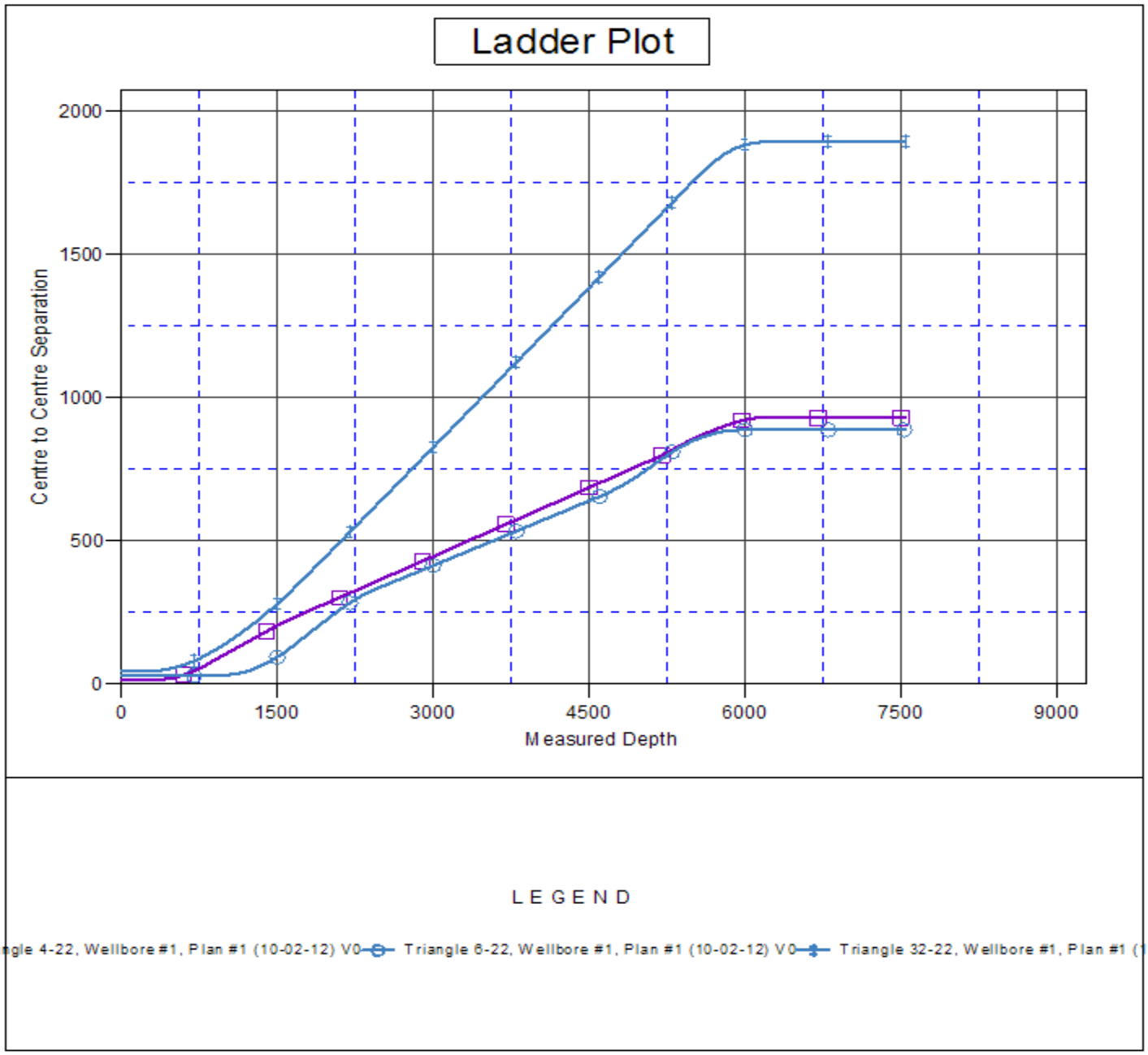
Survey Program: 0-MWD

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
5,000.0	4,845.9	4,900.0	4,869.2	23.8	13.1	-165.78	155.7	-383.5	735.4	709.5	25.87	28.422	
5,100.0	4,941.7	4,983.0	4,952.2	24.4	13.2	-166.12	156.9	-385.9	761.0	734.7	26.29	28.942	
5,135.5	4,975.7	5,011.0	4,980.1	24.6	13.2	-166.25	157.0	-386.2	770.6	744.1	26.44	29.149	
5,200.0	5,037.7	5,068.5	5,037.7	24.9	13.3	-166.62	157.0	-386.2	787.9	761.2	26.72	29.489	
5,300.0	5,134.5	5,165.4	5,134.5	25.3	13.5	-167.14	157.0	-386.2	812.2	785.1	27.13	29.935	
5,400.0	5,232.2	5,263.0	5,232.2	25.7	13.7	-167.56	157.0	-386.2	833.2	805.7	27.53	30.264	
5,500.0	5,330.5	5,361.4	5,330.5	26.0	13.9	-167.90	157.0	-386.2	850.9	823.0	27.91	30.490	
5,600.0	5,429.4	5,460.3	5,429.4	26.3	14.0	-168.16	157.0	-386.2	865.3	837.0	28.26	30.621	
5,700.0	5,528.8	5,559.6	5,528.8	26.5	14.2	-168.36	157.0	-386.2	876.3	847.7	28.58	30.660	
5,800.0	5,628.5	5,659.3	5,628.5	26.7	14.4	-168.49	157.0	-386.2	883.8	855.0	28.87	30.614	
5,900.0	5,728.4	5,759.2	5,728.4	26.9	14.6	-168.56	157.0	-386.2	888.0	858.9	29.13	30.484	
5,971.6	5,800.0	5,830.8	5,800.0	26.9	14.7	148.53	157.0	-386.2	888.9	859.6	29.30	30.341	
6,000.0	5,828.4	5,859.2	5,828.4	27.0	14.8	148.53	157.0	-386.2	888.9	859.5	29.40	30.235	
6,100.0	5,928.4	5,959.2	5,928.4	27.1	15.0	148.53	157.0	-386.2	888.9	859.1	29.78	29.851	
6,200.0	6,028.4	6,059.2	6,028.4	27.2	15.2	148.53	157.0	-386.2	888.9	858.7	30.16	29.475	
6,300.0	6,128.4	6,159.2	6,128.4	27.3	15.4	148.53	157.0	-386.2	888.9	858.3	30.54	29.107	
6,400.0	6,228.4	6,259.2	6,228.4	27.4	15.6	148.53	157.0	-386.2	888.9	858.0	30.92	28.746	
6,500.0	6,328.4	6,359.2	6,328.4	27.5	15.8	148.53	157.0	-386.2	888.9	857.6	31.31	28.392	
6,600.0	6,428.4	6,459.2	6,428.4	27.6	16.0	148.53	157.0	-386.2	888.9	857.2	31.69	28.046	
6,700.0	6,528.4	6,559.2	6,528.4	27.7	16.2	148.53	157.0	-386.2	888.9	856.8	32.08	27.707	
6,800.0	6,628.4	6,659.2	6,628.4	27.8	16.3	148.53	157.0	-386.2	888.9	856.4	32.47	27.374	
6,900.0	6,728.4	6,759.2	6,728.4	27.9	16.5	148.53	157.0	-386.2	888.9	856.0	32.86	27.048	
7,000.0	6,828.4	6,859.2	6,828.4	28.1	16.7	148.53	157.0	-386.2	888.9	855.6	33.26	26.729	
7,100.0	6,928.4	6,959.2	6,928.4	28.2	16.9	148.53	157.0	-386.2	888.9	855.2	33.65	26.416	
7,200.0	7,028.4	7,059.2	7,028.4	28.3	17.1	148.53	157.0	-386.2	888.9	854.8	34.04	26.109	
7,300.0	7,128.4	7,159.2	7,128.4	28.4	17.3	148.53	157.0	-386.2	888.9	854.4	34.44	25.808	
7,400.0	7,228.4	7,259.2	7,228.4	28.5	17.5	148.53	157.0	-386.2	888.9	854.0	34.84	25.514	
7,500.0	7,328.4	7,359.2	7,328.4	28.7	17.7	148.53	157.0	-386.2	888.9	853.6	35.24	25.225	
7,529.2	7,357.6	7,388.4	7,357.6	28.7	17.8	148.53	157.0	-386.2	888.9	853.5	35.36	25.141	
7,546.6	7,375.0	7,400.8	7,370.0	28.7	17.8	148.53	157.0	-386.2	888.9	853.5	35.41	25.100	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Triangle 18-22
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 18-22	**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 18-22
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 18-22
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 18-22	**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 18-22
Offset Depths are relative to Offset Datum Coordinate System is US State Plane 1983, Colorado Northern Zone
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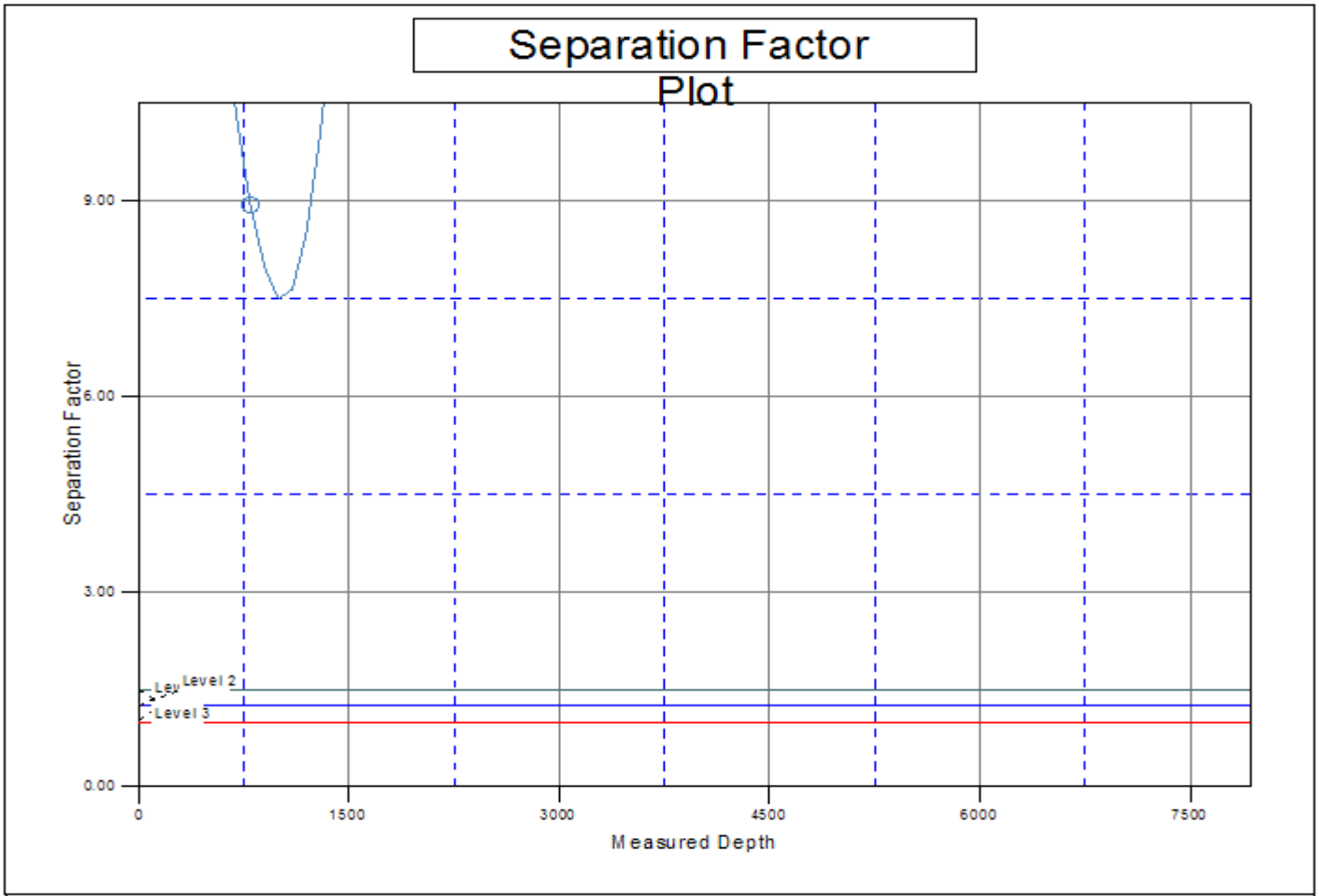

LEGEND

iangle 4-22, Wellbore #1, Plan #1 (10-02-12) V0 Triangle 6-22, Wellbore #1, Plan #1 (10-02-12) V0 Triangle 32-22, Wellbore #1, Plan #1 (10