ENSIGN Directional

Well Name: Kaiser 18-10

Surface Location: Kaiser 2-10 Pad Sec.10-T6N-R65W

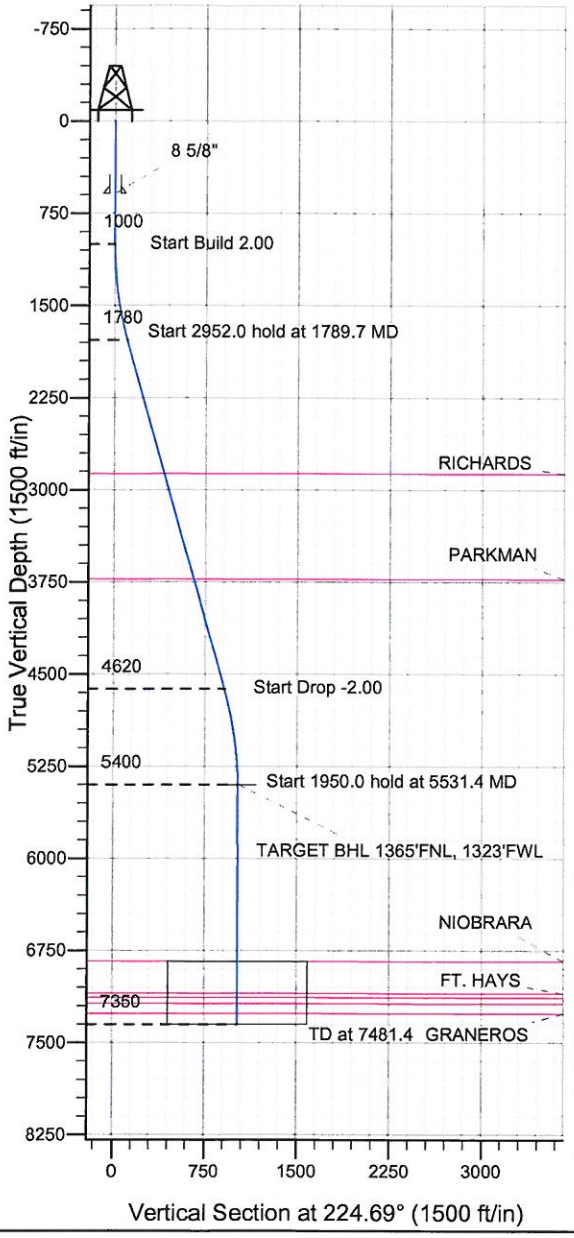
North American Datum 1983 US State Plane 1983 Colorado Northern Zone

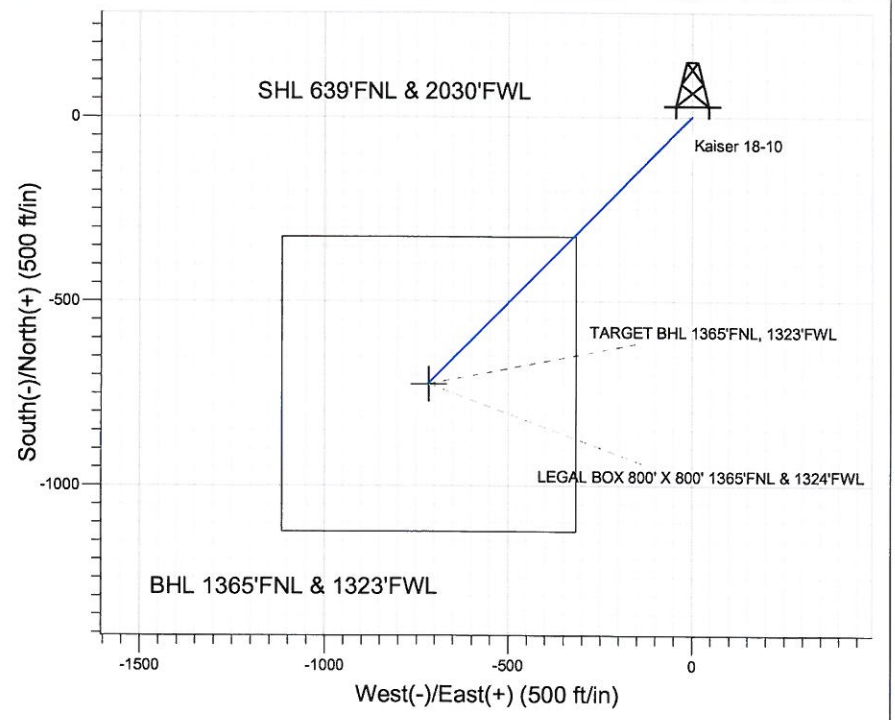
Ground Elevation: 4787.0

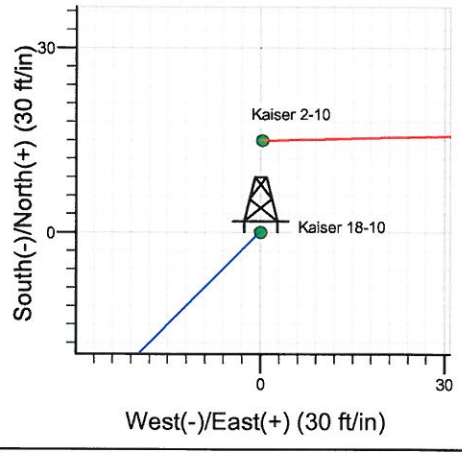
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	1428586.51	3235916.05	40.506773	-104.651587	

Original Well Elev. WELL @ 4797.0ft (Original Well Elev.)

BAYSWATER EXPLORATION & PRODUCTION







Kaiser 2-10 Pad Sec.10-T6N-R65W
Kaiser 18-10
Plan #1 (7-09-11)
10:55, July 12 2011

Azimuths to True North
Magnetic North: 8.80°

Magnetic Field
Strength: 53192.9snT
Dip Angle: 67.15°
Date: 7/9/2011
Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 1365'FNL, 1323'FWL	5400.0	-725.0	-717.2	40.504783	-104.654166	Point
LEGAL BOX 800' X 800' 1365'FNL & 1324'FWL	6837.0	-725.0	-716.2	40.504783	-104.654162	Rectangle (Sides: L800.0 W800.0)

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	1000.0	0.00	0.00	1000.0	0.0	0.0	0.00	0.00	0.0	
3	1789.7	15.79	224.69	1779.7	-76.9	-76.1	2.00	224.69	108.2	
4	4741.7	15.79	224.69	4620.3	-648.1	-641.1	0.00	0.00	911.6	
5	5531.4	0.00	0.00	5400.0	-725.0	-717.2	2.00	180.00	1019.8	TARGET BHL 1365'FNL, 1323'FWL
6	7481.4	0.00	0.00	7350.0	-725.0	-717.2	0.00	0.00	1019.8	

ENSIGN
Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.10-T6N-R65W
Kaiser 2-10 Pad Sec.10-T6N-R65W
Kaiser 18-10

Wellbore #1

Plan: Plan #1 (7-09-11)

Standard Planning Report

12 July, 2011

Database:	Landmark	**Local Co-ordinate Reference:**	Well Kaiser 18-10
Company:	BAYSWATER EXPLORATION & PRODUCTION	**TVD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Project:	SEC.10-T6N-R65W	**MD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	**North Reference:**	True
Well:	Kaiser 18-10	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (7-09-11)		

Project SEC.10-T6N-R65W

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 Kaiser 2-10 Pad Sec.10-T6N-R65W

Site Position:		**Northing:**	1,428,601.47 ft	**Latitude:**	40.506814
From:	Lat/Long	**Easting:**	3,235,916.18 ft	**Longitude:**	-104.651586
Position Uncertainty:	0.0 ft	**Slot Radius:**	"	**Grid Convergence:**	0.55 °

Well Kaiser 18-10

Well Position	**+N/-S**	-15.0 ft	**Northing:**	1,428,586.51 ft	**Latitude:**	40.506773
	+E/-W	-0.3 ft	**Easting:**	3,235,916.05 ft	**Longitude:**	-104.651587
Position Uncertainty		0.0 ft	**Wellhead Elevation:**	ft	**Ground Level:**	4,787.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/9/2011	8.80	67.15	53,193

Design Plan #1 (7-09-11)

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	224.69

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	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,789.7	15.79	224.69	1,779.7	-76.9	-76.1	2.00	2.00	0.00	224.69	
4,741.7	15.79	224.69	4,620.3	-648.1	-641.1	0.00	0.00	0.00	0.00	
5,531.4	0.00	0.00	5,400.0	-725.0	-717.2	2.00	-2.00	0.00	180.00	TARGET BHL 1365
7,481.4	0.00	0.00	7,350.0	-725.0	-717.2	0.00	0.00	0.00	0.00	

Database:	Landmark	**Local Co-ordinate Reference:**	Well Kaiser 18-10
Company:	BAYSWATER EXPLORATION & PRODUCTION	**TVD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Project:	SEC.10-T6N-R65W	**MD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	**North Reference:**	True
Well:	Kaiser 18-10	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (7-09-11)		

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
585.0	0.00	0.00	585.0	0.0	0.0	0.0	0.00	0.00	0.00
8 5/8"									
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
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	0.00	0.00	840.0	0.0	0.0	0.0	0.00	0.00	0.00
880.0	0.00	0.00	880.0	0.0	0.0	0.0	0.00	0.00	0.00
920.0	0.00	0.00	920.0	0.0	0.0	0.0	0.00	0.00	0.00
960.0	0.00	0.00	960.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,040.0	0.80	224.69	1,040.0	-0.2	-0.2	0.3	2.00	2.00	0.00
1,080.0	1.60	224.69	1,080.0	-0.8	-0.8	1.1	2.00	2.00	0.00
1,120.0	2.40	224.69	1,120.0	-1.8	-1.8	2.5	2.00	2.00	0.00
1,160.0	3.20	224.69	1,159.9	-3.2	-3.1	4.5	2.00	2.00	0.00
1,200.0	4.00	224.69	1,199.8	-5.0	-4.9	7.0	2.00	2.00	0.00
1,240.0	4.80	224.69	1,239.7	-7.1	-7.1	10.0	2.00	2.00	0.00
1,280.0	5.60	224.69	1,279.6	-9.7	-9.6	13.7	2.00	2.00	0.00
1,320.0	6.40	224.69	1,319.3	-12.7	-12.6	17.9	2.00	2.00	0.00
1,360.0	7.20	224.69	1,359.1	-16.1	-15.9	22.6	2.00	2.00	0.00
1,400.0	8.00	224.69	1,398.7	-19.8	-19.6	27.9	2.00	2.00	0.00
1,440.0	8.80	224.69	1,438.3	-24.0	-23.7	33.7	2.00	2.00	0.00
1,480.0	9.60	224.69	1,477.8	-28.5	-28.2	40.1	2.00	2.00	0.00
1,520.0	10.40	224.69	1,517.1	-33.5	-33.1	47.1	2.00	2.00	0.00
1,560.0	11.20	224.69	1,556.4	-38.8	-38.4	54.6	2.00	2.00	0.00
1,600.0	12.00	224.69	1,595.6	-44.5	-44.0	62.6	2.00	2.00	0.00
1,640.0	12.80	224.69	1,634.7	-50.6	-50.1	71.2	2.00	2.00	0.00
1,680.0	13.60	224.69	1,673.6	-57.1	-56.5	80.3	2.00	2.00	0.00
1,720.0	14.40	224.69	1,712.4	-64.0	-63.3	90.0	2.00	2.00	0.00
1,760.0	15.20	224.69	1,751.1	-71.2	-70.5	100.2	2.00	2.00	0.00
1,789.7	15.79	224.69	1,779.7	-76.9	-76.1	108.2	2.00	2.00	0.00
1,800.0	15.79	224.69	1,789.6	-78.9	-78.0	111.0	0.00	0.00	0.00
1,840.0	15.79	224.69	1,828.1	-86.6	-85.7	121.8	0.00	0.00	0.00
1,880.0	15.79	224.69	1,866.6	-94.4	-93.3	132.7	0.00	0.00	0.00
1,920.0	15.79	224.69	1,905.1	-102.1	-101.0	143.6	0.00	0.00	0.00
1,960.0	15.79	224.69	1,943.6	-109.8	-108.7	154.5	0.00	0.00	0.00

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Project:	SEC.10-T6N-R65W	**MD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	**North Reference:**	True
Well:	Kaiser 18-10	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (7-09-11)		

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	15.79	224.69	1,982.1	-117.6	-116.3	165.4	0.00	0.00	0.00
2,040.0	15.79	224.69	2,020.6	-125.3	-124.0	176.3	0.00	0.00	0.00
2,080.0	15.79	224.69	2,059.1	-133.1	-131.6	187.2	0.00	0.00	0.00
2,120.0	15.79	224.69	2,097.6	-140.8	-139.3	198.1	0.00	0.00	0.00
2,160.0	15.79	224.69	2,136.1	-148.5	-146.9	208.9	0.00	0.00	0.00
2,200.0	15.79	224.69	2,174.5	-156.3	-154.6	219.8	0.00	0.00	0.00
2,240.0	15.79	224.69	2,213.0	-164.0	-162.3	230.7	0.00	0.00	0.00
2,280.0	15.79	224.69	2,251.5	-171.8	-169.9	241.6	0.00	0.00	0.00
2,320.0	15.79	224.69	2,290.0	-179.5	-177.6	252.5	0.00	0.00	0.00
2,360.0	15.79	224.69	2,328.5	-187.2	-185.2	263.4	0.00	0.00	0.00
2,400.0	15.79	224.69	2,367.0	-195.0	-192.9	274.3	0.00	0.00	0.00
2,440.0	15.79	224.69	2,405.5	-202.7	-200.5	285.2	0.00	0.00	0.00
2,480.0	15.79	224.69	2,444.0	-210.5	-208.2	296.0	0.00	0.00	0.00
2,520.0	15.79	224.69	2,482.5	-218.2	-215.9	306.9	0.00	0.00	0.00
2,560.0	15.79	224.69	2,521.0	-225.9	-223.5	317.8	0.00	0.00	0.00
2,600.0	15.79	224.69	2,559.4	-233.7	-231.2	328.7	0.00	0.00	0.00
2,640.0	15.79	224.69	2,597.9	-241.4	-238.8	339.6	0.00	0.00	0.00
2,680.0	15.79	224.69	2,636.4	-249.2	-246.5	350.5	0.00	0.00	0.00
2,720.0	15.79	224.69	2,674.9	-256.9	-254.1	361.4	0.00	0.00	0.00
2,760.0	15.79	224.69	2,713.4	-264.6	-261.8	372.3	0.00	0.00	0.00
2,800.0	15.79	224.69	2,751.9	-272.4	-269.5	383.1	0.00	0.00	0.00
2,840.0	15.79	224.69	2,790.4	-280.1	-277.1	394.0	0.00	0.00	0.00
2,880.0	15.79	224.69	2,828.9	-287.9	-284.8	404.9	0.00	0.00	0.00
2,919.6	15.79	224.69	2,867.0	-295.5	-292.4	415.7	0.00	0.00	0.00
RICHARDS									
2,920.0	15.79	224.69	2,867.4	-295.6	-292.4	415.8	0.00	0.00	0.00
2,960.0	15.79	224.69	2,905.9	-303.3	-300.1	426.7	0.00	0.00	0.00
3,000.0	15.79	224.69	2,944.3	-311.1	-307.7	437.6	0.00	0.00	0.00
3,040.0	15.79	224.69	2,982.8	-318.8	-315.4	448.5	0.00	0.00	0.00
3,080.0	15.79	224.69	3,021.3	-326.6	-323.1	459.3	0.00	0.00	0.00
3,120.0	15.79	224.69	3,059.8	-334.3	-330.7	470.2	0.00	0.00	0.00
3,160.0	15.79	224.69	3,098.3	-342.0	-338.4	481.1	0.00	0.00	0.00
3,200.0	15.79	224.69	3,136.8	-349.8	-346.0	492.0	0.00	0.00	0.00
3,240.0	15.79	224.69	3,175.3	-357.5	-353.7	502.9	0.00	0.00	0.00
3,280.0	15.79	224.69	3,213.8	-365.3	-361.3	513.8	0.00	0.00	0.00
3,320.0	15.79	224.69	3,252.3	-373.0	-369.0	524.7	0.00	0.00	0.00
3,360.0	15.79	224.69	3,290.8	-380.7	-376.7	535.6	0.00	0.00	0.00
3,400.0	15.79	224.69	3,329.2	-388.5	-384.3	546.4	0.00	0.00	0.00
3,440.0	15.79	224.69	3,367.7	-396.2	-392.0	557.3	0.00	0.00	0.00
3,480.0	15.79	224.69	3,406.2	-404.0	-399.6	568.2	0.00	0.00	0.00
3,520.0	15.79	224.69	3,444.7	-411.7	-407.3	579.1	0.00	0.00	0.00
3,560.0	15.79	224.69	3,483.2	-419.4	-414.9	590.0	0.00	0.00	0.00
3,600.0	15.79	224.69	3,521.7	-427.2	-422.6	600.9	0.00	0.00	0.00
3,640.0	15.79	224.69	3,560.2	-434.9	-430.2	611.8	0.00	0.00	0.00
3,680.0	15.79	224.69	3,598.7	-442.6	-437.9	622.7	0.00	0.00	0.00
3,720.0	15.79	224.69	3,637.2	-450.4	-445.6	633.5	0.00	0.00	0.00
3,760.0	15.79	224.69	3,675.7	-458.1	-453.2	644.4	0.00	0.00	0.00
3,800.0	15.79	224.69	3,714.1	-465.9	-460.9	655.3	0.00	0.00	0.00
3,813.4	15.79	224.69	3,727.0	-468.5	-463.4	659.0	0.00	0.00	0.00
PARKMAN									
3,840.0	15.79	224.69	3,752.6	-473.6	-468.5	666.2	0.00	0.00	0.00
3,880.0	15.79	224.69	3,791.1	-481.3	-476.2	677.1	0.00	0.00	0.00
3,920.0	15.79	224.69	3,829.6	-489.1	-483.8	688.0	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Kaiser 18-10
Company:	BAYSWATER EXPLORATION & PRODUCTION	**TVD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Project:	SEC.10-T6N-R65W	**MD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	**North Reference:**	True
Well:	Kaiser 18-10	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (7-09-11)		

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)
3,960.0	15.79	224.69	3,868.1	-496.8	-491.5	698.9	0.00	0.00	0.00
4,000.0	15.79	224.69	3,906.6	-504.6	-499.2	709.8	0.00	0.00	0.00
4,040.0	15.79	224.69	3,945.1	-512.3	-506.8	720.6	0.00	0.00	0.00
4,080.0	15.79	224.69	3,983.6	-520.0	-514.5	731.5	0.00	0.00	0.00
4,120.0	15.79	224.69	4,022.1	-527.8	-522.1	742.4	0.00	0.00	0.00
4,160.0	15.79	224.69	4,060.6	-535.5	-529.8	753.3	0.00	0.00	0.00
4,200.0	15.79	224.69	4,099.0	-543.3	-537.4	764.2	0.00	0.00	0.00
4,240.0	15.79	224.69	4,137.5	-551.0	-545.1	775.1	0.00	0.00	0.00
4,280.0	15.79	224.69	4,176.0	-558.7	-552.8	786.0	0.00	0.00	0.00
4,320.0	15.79	224.69	4,214.5	-566.5	-560.4	796.8	0.00	0.00	0.00
4,360.0	15.79	224.69	4,253.0	-574.2	-568.1	807.7	0.00	0.00	0.00
4,400.0	15.79	224.69	4,291.5	-582.0	-575.7	818.6	0.00	0.00	0.00
4,440.0	15.79	224.69	4,330.0	-589.7	-583.4	829.5	0.00	0.00	0.00
4,480.0	15.79	224.69	4,368.5	-597.4	-591.0	840.4	0.00	0.00	0.00
4,520.0	15.79	224.69	4,407.0	-605.2	-598.7	851.3	0.00	0.00	0.00
4,560.0	15.79	224.69	4,445.4	-612.9	-606.4	862.2	0.00	0.00	0.00
4,600.0	15.79	224.69	4,483.9	-620.7	-614.0	873.1	0.00	0.00	0.00
4,640.0	15.79	224.69	4,522.4	-628.4	-621.7	883.9	0.00	0.00	0.00
4,680.0	15.79	224.69	4,560.9	-636.1	-629.3	894.8	0.00	0.00	0.00
4,720.0	15.79	224.69	4,599.4	-643.9	-637.0	905.7	0.00	0.00	0.00
4,741.7	15.79	224.69	4,620.3	-648.1	-641.1	911.6	0.00	0.00	0.00
4,760.0	15.43	224.69	4,637.9	-651.6	-644.6	916.6	2.00	-2.00	0.00
4,800.0	14.63	224.69	4,676.5	-659.0	-651.9	926.9	2.00	-2.00	0.00
4,840.0	13.83	224.69	4,715.3	-665.9	-658.8	936.8	2.00	-2.00	0.00
4,880.0	13.03	224.69	4,754.2	-672.5	-665.3	946.0	2.00	-2.00	0.00
4,920.0	12.23	224.69	4,793.3	-678.8	-671.5	954.8	2.00	-2.00	0.00
4,960.0	11.43	224.69	4,832.4	-684.6	-677.3	963.0	2.00	-2.00	0.00
5,000.0	10.63	224.69	4,871.7	-690.0	-682.6	970.6	2.00	-2.00	0.00
5,040.0	9.83	224.69	4,911.0	-695.1	-687.6	977.7	2.00	-2.00	0.00
5,080.0	9.03	224.69	4,950.5	-699.7	-692.2	984.3	2.00	-2.00	0.00
5,120.0	8.23	224.69	4,990.0	-704.0	-696.5	990.3	2.00	-2.00	0.00
5,160.0	7.43	224.69	5,029.7	-707.9	-700.3	995.7	2.00	-2.00	0.00
5,200.0	6.63	224.69	5,069.4	-711.4	-703.7	1,000.6	2.00	-2.00	0.00
5,240.0	5.83	224.69	5,109.1	-714.4	-706.8	1,005.0	2.00	-2.00	0.00
5,280.0	5.03	224.69	5,148.9	-717.1	-709.4	1,008.8	2.00	-2.00	0.00
5,320.0	4.23	224.69	5,188.8	-719.4	-711.7	1,012.0	2.00	-2.00	0.00
5,360.0	3.43	224.69	5,228.7	-721.3	-713.6	1,014.6	2.00	-2.00	0.00
5,400.0	2.63	224.69	5,268.7	-722.8	-715.1	1,016.8	2.00	-2.00	0.00
5,440.0	1.83	224.69	5,308.6	-723.9	-716.2	1,018.3	2.00	-2.00	0.00
5,480.0	1.03	224.69	5,348.6	-724.6	-716.9	1,019.3	2.00	-2.00	0.00
5,520.0	0.23	224.69	5,388.6	-724.9	-717.2	1,019.8	2.00	-2.00	0.00
5,531.4	0.00	0.00	5,400.0	-725.0	-717.2	1,019.8	2.00	-2.00	1,189.78
TARGET BHL 1365'FNL, 1323'FWL									
5,560.0	0.00	0.00	5,428.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
5,600.0	0.00	0.00	5,468.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
5,640.0	0.00	0.00	5,508.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
5,680.0	0.00	0.00	5,548.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
5,720.0	0.00	0.00	5,588.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
5,760.0	0.00	0.00	5,628.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
5,800.0	0.00	0.00	5,668.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
5,840.0	0.00	0.00	5,708.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
5,880.0	0.00	0.00	5,748.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
5,920.0	0.00	0.00	5,788.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Kaiser 18-10
Company:	BAYSWATER EXPLORATION & PRODUCTION	**TVD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Project:	SEC.10-T6N-R65W	**MD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	**North Reference:**	True
Well:	Kaiser 18-10	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (7-09-11)		

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,960.0	0.00	0.00	5,828.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,000.0	0.00	0.00	5,868.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,040.0	0.00	0.00	5,908.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,080.0	0.00	0.00	5,948.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,120.0	0.00	0.00	5,988.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,160.0	0.00	0.00	6,028.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,200.0	0.00	0.00	6,068.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,240.0	0.00	0.00	6,108.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,280.0	0.00	0.00	6,148.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,320.0	0.00	0.00	6,188.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,360.0	0.00	0.00	6,228.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,400.0	0.00	0.00	6,268.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,440.0	0.00	0.00	6,308.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,480.0	0.00	0.00	6,348.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,520.0	0.00	0.00	6,388.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,560.0	0.00	0.00	6,428.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,600.0	0.00	0.00	6,468.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,640.0	0.00	0.00	6,508.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,680.0	0.00	0.00	6,548.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,720.0	0.00	0.00	6,588.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,760.0	0.00	0.00	6,628.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,800.0	0.00	0.00	6,668.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,840.0	0.00	0.00	6,708.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,880.0	0.00	0.00	6,748.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,920.0	0.00	0.00	6,788.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,960.0	0.00	0.00	6,828.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
6,968.4	0.00	0.00	6,837.0	-725.0	-717.2	1,019.8	0.00	0.00	0.00
NIOBRARA - LEGAL BOX 800' X 800' 1365'FNL & 1324'FWL									
7,000.0	0.00	0.00	6,868.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,040.0	0.00	0.00	6,908.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,080.0	0.00	0.00	6,948.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,120.0	0.00	0.00	6,988.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,160.0	0.00	0.00	7,028.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,200.0	0.00	0.00	7,068.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,229.4	0.00	0.00	7,098.0	-725.0	-717.2	1,019.8	0.00	0.00	0.00
FT. HAYS									
7,240.0	0.00	0.00	7,108.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,263.4	0.00	0.00	7,132.0	-725.0	-717.2	1,019.8	0.00	0.00	0.00
CODELL									
7,280.0	0.00	0.00	7,148.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,313.4	0.00	0.00	7,182.0	-725.0	-717.2	1,019.8	0.00	0.00	0.00
GREENHORN									
7,320.0	0.00	0.00	7,188.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,360.0	0.00	0.00	7,228.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,393.4	0.00	0.00	7,262.0	-725.0	-717.2	1,019.8	0.00	0.00	0.00
GRANEROS									
7,400.0	0.00	0.00	7,268.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,440.0	0.00	0.00	7,308.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,480.0	0.00	0.00	7,348.6	-725.0	-717.2	1,019.8	0.00	0.00	0.00
7,481.4	0.00	0.00	7,350.0	-725.0	-717.2	1,019.8	0.00	0.00	0.00

Database:	Landmark	**Local Co-ordinate Reference:**	Well Kaiser 18-10
Company:	BAYSWATER EXPLORATION & PRODUCTION	**TVD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Project:	SEC.10-T6N-R65W	**MD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	**North Reference:**	True
Well:	Kaiser 18-10	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (7-09-11)		

Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
LEGAL BOX 800' X 8 - plan misses target center by 1.0ft at 6968.4ft MD (6837.0 TVD, -725.0 N, -717.2 E) - Rectangle (sides W800.0 H800.0 D513.0)	0.00	0.00	6,837.0	-725.0	-716.2	1,427,854.73	3,235,206.84	40.504783	-104.654162
TARGET BHL 1365'F - plan hits target center - Point	0.00	0.00	5,400.0	-725.0	-717.2	1,427,854.75	3,235,205.85	40.504783	-104.654166

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
585.0	585.0	8 5/8"	8-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,919.6	2,867.0	RICHARDS		0.00	
3,813.4	3,727.0	PARKMAN		0.00	
6,968.4	6,837.0	NIOBRARA		0.00	
7,229.4	7,098.0	FT. HAYS		0.00	
7,263.4	7,132.0	CODELL		0.00	
7,313.4	7,182.0	GREENHORN		0.00	
7,393.4	7,262.0	GRANEROS		0.00	

ENSIGN
Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.10-T6N-R65W
Kaiser 2-10 Pad Sec.10-T6N-R65W
Kaiser 18-10

Wellbore #1
Plan #1 (7-09-11)

Anticollision Report

12 July, 2011

ENSIGN Directional

Anticollision Report

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Kaiser 18-10
Project:	SEC.10-T6N-R65W	**TVD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Reference Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	**MD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Kaiser 18-10	**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 (7-09-11)	**Offset TVD Reference:**	Offset Datum

Reference Plan #1 (7-09-11)

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** 7/12/2011

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
0.0	7,481.4	Plan #1 (7-09-11) (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
Kaiser 2-10 Pad Sec.10-T6N-R65W						
Kaiser 2-10 - Wellbore #1 - Plan #1 (7-09-11)	800.0	800.0	15.0	11.6	4.435	CC
Kaiser 2-10 - Wellbore #1 - Plan #1 (7-09-11)	900.0	899.9	15.1	11.3	3.972	ES
Kaiser 2-10 - Wellbore #1 - Plan #1 (7-09-11)	1,000.0	999.6	16.8	12.5	3.954	SF

Offset Design Kaiser 2-10 Pad Sec.10-T6N-R65W - Kaiser 2-10 - Wellbore #1 - Plan #1 (7-09-11) — **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	1.07	14.9	0.3	15.0	15.0	0.00	N/A	
100.0	100.0	100.0	100.0	0.1	0.1	1.07	14.9	0.3	15.0	14.7	0.22	66.522	
200.0	200.0	200.0	200.0	0.3	0.3	1.07	14.9	0.3	15.0	14.3	0.67	22.174	
300.0	300.0	300.0	300.0	0.6	0.6	1.07	14.9	0.3	15.0	13.8	1.12	13.304	
400.0	400.0	400.0	400.0	0.8	0.8	1.07	14.9	0.3	15.0	13.4	1.57	9.503	
500.0	500.0	500.0	500.0	1.0	1.0	1.07	14.9	0.3	15.0	12.9	2.02	7.391	
600.0	600.0	600.0	600.0	1.2	1.2	1.07	14.9	0.3	15.0	12.5	2.47	6.047	
700.0	700.0	700.0	700.0	1.5	1.5	1.07	14.9	0.3	15.0	12.0	2.92	5.117	
800.0	800.0	800.0	800.0	1.7	1.7	1.07	14.9	0.3	15.0	11.6	3.37	4.435	CC
802.2	802.2	802.2	802.2	1.7	1.7	1.07	14.9	0.3	15.0	11.6	3.38	4.422	
900.0	900.0	899.9	899.9	1.9	1.9	7.68	15.0	2.0	15.1	11.3	3.81	3.972	ES
1,000.0	1,000.0	999.6	999.5	2.1	2.1	25.55	15.1	7.2	16.8	12.5	4.24	3.954	SF
1,100.0	1,100.0	1,098.7	1,098.2	2.3	2.3	-178.86	15.3	15.8	23.9	19.2	4.66	5.117	
1,200.0	1,199.8	1,196.5	1,195.2	2.5	2.6	-166.84	15.6	27.7	38.8	33.7	5.07	7.658	
1,300.0	1,299.5	1,292.5	1,290.0	2.7	2.8	-161.18	16.0	42.5	60.7	55.3	5.48	11.085	
1,400.0	1,398.7	1,386.1	1,382.0	2.9	3.1	-158.41	16.4	60.0	89.0	83.1	5.90	15.092	
1,500.0	1,497.5	1,476.9	1,470.6	3.2	3.5	-156.92	16.9	79.8	123.3	117.0	6.33	19.492	
1,600.0	1,595.6	1,564.4	1,555.4	3.5	3.9	-156.03	17.4	101.6	163.3	156.6	6.76	24.152	
1,700.0	1,693.1	1,652.4	1,640.1	3.9	4.3	-155.48	18.0	125.5	208.1	200.9	7.21	28.869	
1,789.7	1,779.7	1,731.3	1,716.0	4.2	4.7	-155.31	18.5	147.0	250.8	243.2	7.61	32.964	
1,800.0	1,789.6	1,740.3	1,724.6	4.3	4.7	-155.35	18.6	149.4	255.9	248.2	7.66	33.399	
1,900.0	1,885.9	1,827.5	1,808.6	4.7	5.1	-155.65	19.2	173.2	304.7	296.5	8.17	37.294	
2,000.0	1,982.1	1,914.8	1,892.5	5.2	5.6	-155.88	19.8	196.9	353.6	344.9	8.69	40.676	

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 Kaiser 18-10
Project:	SEC.10-T6N-R65W	**TVD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Reference Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	**MD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Kaiser 18-10	**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 (7-09-11)	**Offset TVD Reference:**	Offset Datum

Offset Design Kaiser 2-10 Pad Sec.10-T6N-R65W - Kaiser 2-10 - Wellbore #1 - Plan #1 (7-09-11)

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
2,100.0	2,078.3	2,002.0	1,976.4	5.7	6.1	-156.04	20.4	220.7	402.4	393.2	9.23	43.606	
2,200.0	2,174.5	2,089.2	2,060.4	6.2	6.5	-156.18	20.9	244.4	451.3	441.5	9.78	46.156	
2,300.0	2,270.8	2,176.5	2,144.3	6.8	7.0	-156.28	21.5	268.2	500.2	489.8	10.34	48.390	
2,400.0	2,367.0	2,263.7	2,228.3	7.3	7.5	-156.37	22.1	291.9	549.0	538.1	10.90	50.358	
2,500.0	2,463.2	2,351.0	2,312.2	7.8	8.0	-156.44	22.7	315.7	597.9	586.4	11.48	52.100	
2,600.0	2,559.4	2,438.2	2,396.2	8.4	8.5	-156.51	23.3	339.5	646.8	634.7	12.06	53.650	
2,700.0	2,655.7	2,525.5	2,480.1	8.9	9.0	-156.56	23.9	363.2	695.6	683.0	12.64	55.034	
2,800.0	2,751.9	2,612.7	2,564.1	9.5	9.4	-156.60	24.4	387.0	744.5	731.3	13.23	56.278	
2,900.0	2,848.1	2,700.0	2,648.0	10.0	9.9	-156.65	25.0	410.7	793.4	779.5	13.82	57.399	
3,000.0	2,944.3	2,787.2	2,732.0	10.6	10.4	-156.68	25.6	434.5	842.2	827.8	14.42	58.414	
3,100.0	3,040.6	2,874.4	2,815.9	11.2	10.9	-156.71	26.2	458.2	891.1	876.1	15.02	59.336	
3,200.0	3,136.8	2,961.7	2,899.9	11.7	11.4	-156.74	26.8	482.0	940.0	924.3	15.62	60.177	
3,300.0	3,233.0	3,048.9	2,983.8	12.3	11.9	-156.77	27.3	505.7	988.8	972.6	16.22	60.946	
3,400.0	3,329.2	3,136.2	3,067.7	12.9	12.4	-156.79	27.9	529.5	1,037.7	1,020.9	16.83	61.652	
3,500.0	3,425.5	3,223.4	3,151.7	13.4	12.9	-156.81	28.5	553.3	1,086.6	1,069.1	17.44	62.302	
3,600.0	3,521.7	3,310.7	3,235.6	14.0	13.4	-156.83	29.1	577.0	1,135.4	1,117.4	18.05	62.903	
3,700.0	3,617.9	3,397.9	3,319.6	14.6	13.9	-156.85	29.7	600.8	1,184.3	1,165.6	18.66	63.458	
3,800.0	3,714.1	3,485.2	3,403.5	15.1	14.4	-156.87	30.3	624.5	1,233.2	1,213.9	19.28	63.973	
3,900.0	3,810.4	3,572.4	3,487.5	15.7	14.9	-156.88	30.8	648.3	1,282.0	1,262.2	19.89	64.452	
4,000.0	3,906.6	3,659.7	3,571.4	16.3	15.4	-156.89	31.4	672.0	1,330.9	1,310.4	20.51	64.899	
4,100.0	4,002.8	3,746.9	3,655.4	16.8	15.9	-156.91	32.0	695.8	1,379.8	1,358.7	21.12	65.315	
4,200.0	4,099.0	3,834.1	3,739.3	17.4	16.4	-156.92	32.6	719.6	1,428.7	1,406.9	21.74	65.706	
4,300.0	4,195.3	3,921.4	3,823.3	18.0	17.0	-156.93	33.2	743.3	1,477.5	1,455.2	22.36	66.071	
4,400.0	4,291.5	4,008.6	3,907.2	18.6	17.5	-156.94	33.8	767.1	1,526.4	1,503.4	22.98	66.414	
4,500.0	4,387.7	4,095.9	3,991.2	19.1	18.0	-156.95	34.3	790.8	1,575.3	1,551.7	23.60	66.737	
4,600.0	4,483.9	4,183.1	4,075.1	19.7	18.5	-156.96	34.9	814.6	1,624.1	1,599.9	24.23	67.041	
4,700.0	4,580.2	4,270.4	4,159.0	20.3	19.0	-156.97	35.5	838.3	1,673.0	1,648.2	24.85	67.328	
4,741.7	4,620.3	4,306.7	4,194.0	20.5	19.2	-156.97	35.7	848.2	1,693.4	1,668.3	25.11	67.443	
4,800.0	4,676.5	4,357.9	4,243.2	20.8	19.5	-157.22	36.1	862.2	1,721.4	1,695.8	25.55	67.370	
4,900.0	4,773.7	4,446.8	4,328.8	21.2	20.0	-157.57	36.7	886.4	1,767.2	1,740.9	26.26	67.293	
5,000.0	4,871.7	4,537.0	4,415.6	21.5	20.5	-157.84	37.3	911.0	1,810.1	1,783.2	26.95	67.177	
5,100.0	4,970.3	4,628.6	4,503.8	21.8	21.0	-158.04	37.9	935.9	1,850.1	1,822.5	27.60	67.031	
5,200.0	5,069.4	4,721.4	4,593.0	22.1	21.6	-158.16	38.5	961.1	1,887.1	1,858.9	28.22	66.864	
5,300.0	5,168.9	4,815.2	4,683.3	22.3	22.1	-158.23	39.1	986.7	1,921.1	1,892.3	28.81	66.682	
5,400.0	5,268.7	4,910.0	4,774.5	22.4	22.7	-158.23	39.8	1,012.5	1,952.0	1,922.6	29.36	66.490	
5,500.0	5,368.6	5,005.6	4,866.5	22.6	23.2	-158.18	40.4	1,038.5	1,979.9	1,950.0	29.87	66.291	
5,531.4	5,400.0	5,035.8	4,895.5	22.6	23.4	66.54	40.6	1,046.8	1,988.0	1,958.0	30.02	66.221	
5,600.0	5,468.6	5,101.8	4,959.0	22.7	23.8	66.74	41.1	1,064.7	2,005.4	1,975.1	30.35	66.079	
5,700.0	5,568.6	5,263.1	5,114.7	22.8	24.6	67.19	42.1	1,107.0	2,030.3	1,999.4	30.97	65.559	
5,800.0	5,668.6	5,557.0	5,403.1	22.9	25.6	67.77	43.5	1,162.6	2,048.0	2,016.3	31.77	64.463	
5,900.0	5,768.6	5,859.5	5,704.4	23.0	26.2	68.02	44.1	1,188.6	2,056.1	2,023.7	32.44	63.379	
6,000.0	5,868.6	6,023.8	5,868.6	23.1	26.3	68.04	44.1	1,190.2	2,056.6	2,023.8	32.83	62.639	
6,100.0	5,968.6	6,123.8	5,968.6	23.2	26.4	68.04	44.1	1,190.2	2,056.6	2,023.5	33.14	62.061	
6,200.0	6,068.6	6,223.8	6,068.6	23.3	26.6	68.04	44.1	1,190.2	2,056.6	2,023.2	33.45	61.488	
6,300.0	6,168.6	6,323.8	6,168.6	23.4	26.7	68.04	44.1	1,190.2	2,056.6	2,022.8	33.76	60.919	
6,400.0	6,268.6	6,423.8	6,268.6	23.5	26.8	68.04	44.1	1,190.2	2,056.6	2,022.5	34.07	60.355	
6,500.0	6,368.6	6,523.8	6,368.6	23.6	26.9	68.04	44.1	1,190.2	2,056.6	2,022.2	34.39	59.797	
6,600.0	6,468.6	6,623.8	6,468.6	23.8	27.0	68.04	44.1	1,190.2	2,056.6	2,021.9	34.71	59.243	
6,700.0	6,568.6	6,723.8	6,568.6	23.9	27.1	68.04	44.1	1,190.2	2,056.6	2,021.6	35.04	58.695	
6,800.0	6,668.6	6,823.8	6,668.6	24.0	27.2	68.04	44.1	1,190.2	2,056.6	2,021.2	35.37	58.153	
6,900.0	6,768.6	6,923.8	6,768.6	24.1	27.3	68.04	44.1	1,190.2	2,056.6	2,020.9	35.69	57.616	

ENSIGN Directional

Anticollision Report

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Kaiser 18-10
Project:	SEC.10-T6N-R65W	**TVD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Reference Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	**MD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Kaiser 18-10	**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 (7-09-11)	**Offset TVD Reference:**	Offset Datum

Offset Design Kaiser 2-10 Pad Sec.10-T6N-R65W - Kaiser 2-10 - Wellbore #1 - Plan #1 (7-09-11)

Offset Site Error: 0.0 ft

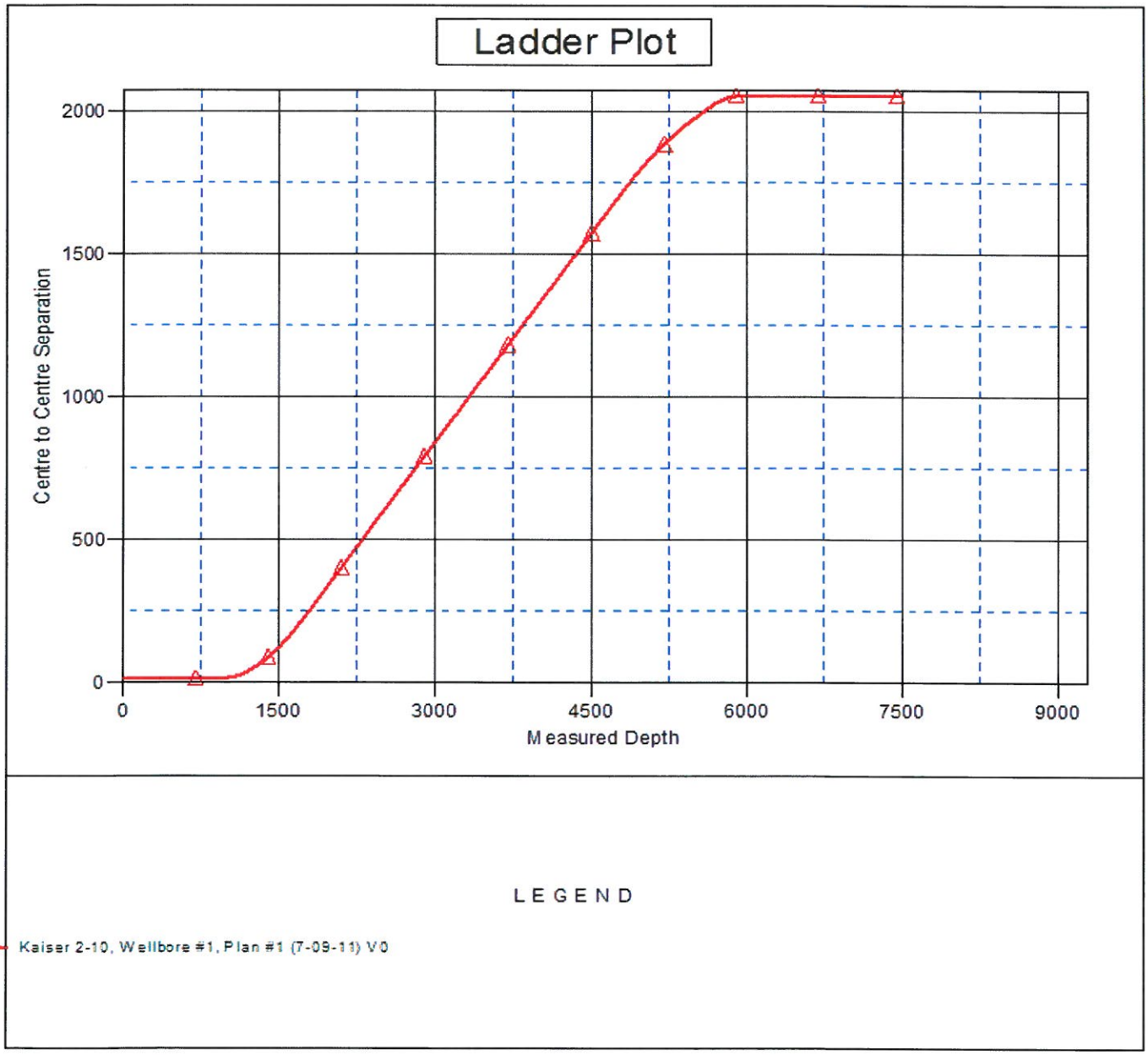
Survey Program: 0-MWD

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
7,000.0	6,868.6	7,023.8	6,868.6	24.2	27.5	68.04	44.1	1,190.2	2,056.6	2,020.6	36.03	57.085	
7,100.0	6,968.6	7,123.8	6,968.6	24.4	27.6	68.04	44.1	1,190.2	2,056.6	2,020.2	36.36	56.560	
7,200.0	7,068.6	7,223.8	7,068.6	24.5	27.7	68.04	44.1	1,190.2	2,056.6	2,019.9	36.70	56.041	
7,300.0	7,168.6	7,323.8	7,168.6	24.6	27.8	68.04	44.1	1,190.2	2,056.6	2,019.6	37.04	55.527	
7,400.0	7,268.6	7,423.8	7,268.6	24.7	27.9	68.04	44.1	1,190.2	2,056.6	2,019.2	37.38	55.019	
7,450.4	7,319.1	7,474.2	7,319.1	24.8	28.0	68.04	44.1	1,190.2	2,056.6	2,019.0	37.55	54.765	
7,481.4	7,350.0	7,495.1	7,340.0	24.9	28.0	68.04	44.1	1,190.2	2,056.6	2,019.0	37.64	54.636	

Company:	BAYSWATER EXPLORATION & PRODUCTION	**Local Co-ordinate Reference:**	Well Kaiser 18-10
Project:	SEC.10-T6N-R65W	**TVD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Reference Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	**MD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Kaiser 18-10	**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 (7-09-11)	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 4797.0ft (Original Well Elev. Coordinates are relative to: Kaiser 18-10
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 Kaiser 18-10
Project:	SEC.10-T6N-R65W	**TVD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Reference Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	**MD Reference:**	WELL @ 4797.0ft (Original Well Elev.)
Site Error:	0.0ft	**North Reference:**	True
Reference Well:	Kaiser 18-10	**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 (7-09-11)	**Offset TVD Reference:**	Offset Datum

Reference Depths are relative to WELL @ 4797.0ft (Original Well Elev. Coordinates are relative to: Kaiser 18-10
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°