

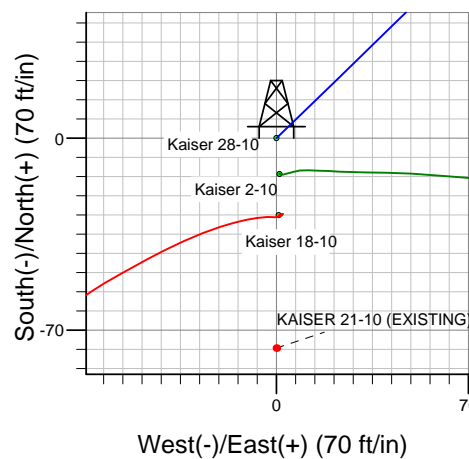
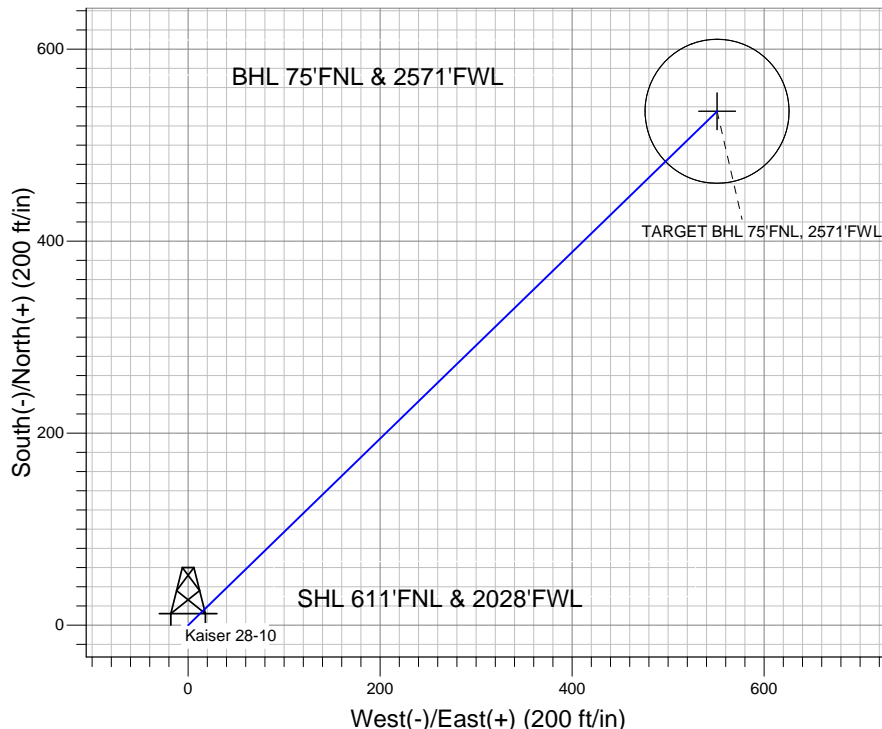
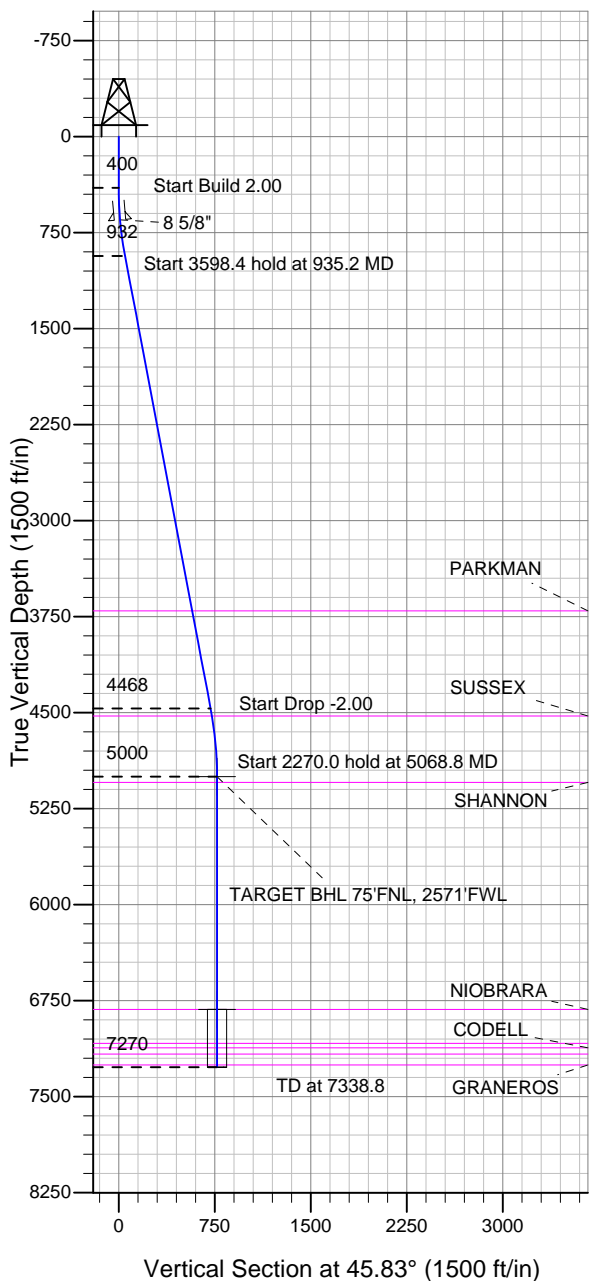
ENSIGN

Directional

Well Name: Kaiser 28-10

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 1428614.57 3235914.95 40.506850 -104.651590
 Original Well Elev WELL @ 4803.0ft (Original Well Elev)

BAYSWATER EXPLORATION & PRODUCTION



Kaiser 2-10 Pad Sec.10-T6N-R65W
 Kaiser 28-10
 Plan #1 (9-24-11)



Azimuths to True North
 Magnetic North: 8.64°

Magnetic Field
 Strength: 53064.9snT
 Dip Angle: 67.11°
 Date: 9/24/2012
 Model: IGRF2010

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape
TARGET BHL 75'FNL, 2571'FWL	5000.0	535.2	550.9	40.508319	-104.649609	Point
TARGET CIRCLE 75'FNL & 2571'FWL	6819.0	535.2	550.9	40.508319	-104.649609	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	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.0	
3	935.2	10.70	45.83	932.1	34.7	35.8	2.00	45.83	49.8	
4	4533.6	10.70	45.83	4467.9	500.5	515.1	0.00	0.00	718.2	
5	5068.8	0.00	0.00	5000.0	535.2	550.9	2.00	180.00	768.0	TARGET BHL 75'FNL, 2571'FWL
6	7338.8	0.00	0.00	7270.0	535.2	550.9	0.00	0.00	768.0	



Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.10-T6N-R65W

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

Kaiser 28-10

Wellbore #1

Plan: Plan #1 (9-24-11)

Standard Planning Report

25 September, 2012

Database:	Landmark	Local Co-ordinate Reference:	Well Kaiser 28-10
Company:	BAYSWATER EXPLORATION & PRODUCTION	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Project:	SEC.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	North Reference:	True
Well:	Kaiser 28-10	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (9-24-11)		

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

Well	Kaiser 28-10					
Well Position	+N/-S	13.1 ft	Northing:	1,428,614.57 ft	Latitude:	40.506850
	+E/-W	-1.1 ft	Easting:	3,235,914.95 ft	Longitude:	-104.651590
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	9/24/2012	8.64	67.11	53,065

Design	Plan #1 (9-24-11)			
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	45.83

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	
400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	
935.2	10.70	45.83	932.1	34.7	35.8	2.00	2.00	0.00	45.83	
4,533.6	10.70	45.83	4,467.9	500.5	515.1	0.00	0.00	0.00	0.00	
5,068.8	0.00	0.00	5,000.0	535.2	550.9	2.00	-2.00	0.00	180.00	TARGET BHL 75'FI
7,338.8	0.00	0.00	7,270.0	535.2	550.9	0.00	0.00	0.00	0.00	

Database:	Landmark	Local Co-ordinate Reference:	Well Kaiser 28-10
Company:	BAYSWATER EXPLORATION & PRODUCTION	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Project:	SEC.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	North Reference:	True
Well:	Kaiser 28-10	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (9-24-11)		

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	0.80	45.83	440.0	0.2	0.2	0.3	2.00	2.00	0.00
480.0	1.60	45.83	480.0	0.8	0.8	1.1	2.00	2.00	0.00
520.0	2.40	45.83	520.0	1.8	1.8	2.5	2.00	2.00	0.00
560.0	3.20	45.83	559.9	3.1	3.2	4.5	2.00	2.00	0.00
600.0	4.00	45.83	599.8	4.9	5.0	7.0	2.00	2.00	0.00
640.0	4.80	45.83	639.7	7.0	7.2	10.0	2.00	2.00	0.00
650.3	5.01	45.83	650.0	7.6	7.8	10.9	2.00	2.00	0.00
8 5/8"									
680.0	5.60	45.83	679.6	9.5	9.8	13.7	2.00	2.00	0.00
720.0	6.40	45.83	719.3	12.4	12.8	17.9	2.00	2.00	0.00
760.0	7.20	45.83	759.1	15.7	16.2	22.6	2.00	2.00	0.00
800.0	8.00	45.83	798.7	19.4	20.0	27.9	2.00	2.00	0.00
840.0	8.80	45.83	838.3	23.5	24.2	33.7	2.00	2.00	0.00
880.0	9.60	45.83	877.8	28.0	28.8	40.1	2.00	2.00	0.00
920.0	10.40	45.83	917.1	32.8	33.8	47.1	2.00	2.00	0.00
935.2	10.70	45.83	932.1	34.7	35.8	49.8	2.00	2.00	0.00
960.0	10.70	45.83	956.5	37.9	39.1	54.5	0.00	0.00	0.00
1,000.0	10.70	45.83	995.8	43.1	44.4	61.9	0.00	0.00	0.00
1,040.0	10.70	45.83	1,035.1	48.3	49.7	69.3	0.00	0.00	0.00
1,080.0	10.70	45.83	1,074.4	53.5	55.0	76.7	0.00	0.00	0.00
1,120.0	10.70	45.83	1,113.7	58.7	60.4	84.2	0.00	0.00	0.00
1,160.0	10.70	45.83	1,153.0	63.8	65.7	91.6	0.00	0.00	0.00
1,200.0	10.70	45.83	1,192.3	69.0	71.0	99.0	0.00	0.00	0.00
1,240.0	10.70	45.83	1,231.6	74.2	76.4	106.5	0.00	0.00	0.00
1,280.0	10.70	45.83	1,270.9	79.4	81.7	113.9	0.00	0.00	0.00
1,320.0	10.70	45.83	1,310.2	84.5	87.0	121.3	0.00	0.00	0.00
1,360.0	10.70	45.83	1,349.5	89.7	92.3	128.7	0.00	0.00	0.00
1,400.0	10.70	45.83	1,388.8	94.9	97.7	136.2	0.00	0.00	0.00
1,440.0	10.70	45.83	1,428.1	100.1	103.0	143.6	0.00	0.00	0.00
1,480.0	10.70	45.83	1,467.4	105.2	108.3	151.0	0.00	0.00	0.00
1,520.0	10.70	45.83	1,506.7	110.4	113.7	158.5	0.00	0.00	0.00
1,560.0	10.70	45.83	1,546.0	115.6	119.0	165.9	0.00	0.00	0.00
1,600.0	10.70	45.83	1,585.3	120.8	124.3	173.3	0.00	0.00	0.00
1,640.0	10.70	45.83	1,624.6	126.0	129.6	180.8	0.00	0.00	0.00
1,680.0	10.70	45.83	1,663.9	131.1	135.0	188.2	0.00	0.00	0.00
1,720.0	10.70	45.83	1,703.2	136.3	140.3	195.6	0.00	0.00	0.00
1,760.0	10.70	45.83	1,742.5	141.5	145.6	203.0	0.00	0.00	0.00
1,800.0	10.70	45.83	1,781.8	146.7	151.0	210.5	0.00	0.00	0.00
1,840.0	10.70	45.83	1,821.1	151.8	156.3	217.9	0.00	0.00	0.00
1,880.0	10.70	45.83	1,860.5	157.0	161.6	225.3	0.00	0.00	0.00
1,920.0	10.70	45.83	1,899.8	162.2	166.9	232.8	0.00	0.00	0.00
1,960.0	10.70	45.83	1,939.1	167.4	172.3	240.2	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well Kaiser 28-10
Company:	BAYSWATER EXPLORATION & PRODUCTION	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Project:	SEC.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	North Reference:	True
Well:	Kaiser 28-10	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (9-24-11)		

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	10.70	45.83	1,978.4	172.5	177.6	247.6	0.00	0.00	0.00
2,040.0	10.70	45.83	2,017.7	177.7	182.9	255.0	0.00	0.00	0.00
2,080.0	10.70	45.83	2,057.0	182.9	188.3	262.5	0.00	0.00	0.00
2,120.0	10.70	45.83	2,096.3	188.1	193.6	269.9	0.00	0.00	0.00
2,160.0	10.70	45.83	2,135.6	193.3	198.9	277.3	0.00	0.00	0.00
2,200.0	10.70	45.83	2,174.9	198.4	204.2	284.8	0.00	0.00	0.00
2,240.0	10.70	45.83	2,214.2	203.6	209.6	292.2	0.00	0.00	0.00
2,280.0	10.70	45.83	2,253.5	208.8	214.9	299.6	0.00	0.00	0.00
2,320.0	10.70	45.83	2,292.8	214.0	220.2	307.1	0.00	0.00	0.00
2,360.0	10.70	45.83	2,332.1	219.1	225.6	314.5	0.00	0.00	0.00
2,400.0	10.70	45.83	2,371.4	224.3	230.9	321.9	0.00	0.00	0.00
2,440.0	10.70	45.83	2,410.7	229.5	236.2	329.3	0.00	0.00	0.00
2,480.0	10.70	45.83	2,450.0	234.7	241.5	336.8	0.00	0.00	0.00
2,520.0	10.70	45.83	2,489.3	239.8	246.9	344.2	0.00	0.00	0.00
2,560.0	10.70	45.83	2,528.6	245.0	252.2	351.6	0.00	0.00	0.00
2,600.0	10.70	45.83	2,567.9	250.2	257.5	359.1	0.00	0.00	0.00
2,640.0	10.70	45.83	2,607.2	255.4	262.9	366.5	0.00	0.00	0.00
2,680.0	10.70	45.83	2,646.5	260.6	268.2	373.9	0.00	0.00	0.00
2,720.0	10.70	45.83	2,685.8	265.7	273.5	381.3	0.00	0.00	0.00
2,760.0	10.70	45.83	2,725.1	270.9	278.8	388.8	0.00	0.00	0.00
2,800.0	10.70	45.83	2,764.4	276.1	284.2	396.2	0.00	0.00	0.00
2,840.0	10.70	45.83	2,803.7	281.3	289.5	403.6	0.00	0.00	0.00
2,880.0	10.70	45.83	2,843.1	286.4	294.8	411.1	0.00	0.00	0.00
2,920.0	10.70	45.83	2,882.4	291.6	300.2	418.5	0.00	0.00	0.00
2,960.0	10.70	45.83	2,921.7	296.8	305.5	425.9	0.00	0.00	0.00
3,000.0	10.70	45.83	2,961.0	302.0	310.8	433.4	0.00	0.00	0.00
3,040.0	10.70	45.83	3,000.3	307.1	316.1	440.8	0.00	0.00	0.00
3,080.0	10.70	45.83	3,039.6	312.3	321.5	448.2	0.00	0.00	0.00
3,120.0	10.70	45.83	3,078.9	317.5	326.8	455.6	0.00	0.00	0.00
3,160.0	10.70	45.83	3,118.2	322.7	332.1	463.1	0.00	0.00	0.00
3,200.0	10.70	45.83	3,157.5	327.9	337.5	470.5	0.00	0.00	0.00
3,240.0	10.70	45.83	3,196.8	333.0	342.8	477.9	0.00	0.00	0.00
3,280.0	10.70	45.83	3,236.1	338.2	348.1	485.4	0.00	0.00	0.00
3,320.0	10.70	45.83	3,275.4	343.4	353.4	492.8	0.00	0.00	0.00
3,360.0	10.70	45.83	3,314.7	348.6	358.8	500.2	0.00	0.00	0.00
3,400.0	10.70	45.83	3,354.0	353.7	364.1	507.6	0.00	0.00	0.00
3,440.0	10.70	45.83	3,393.3	358.9	369.4	515.1	0.00	0.00	0.00
3,480.0	10.70	45.83	3,432.6	364.1	374.8	522.5	0.00	0.00	0.00
3,520.0	10.70	45.83	3,471.9	369.3	380.1	529.9	0.00	0.00	0.00
3,560.0	10.70	45.83	3,511.2	374.5	385.4	537.4	0.00	0.00	0.00
3,600.0	10.70	45.83	3,550.5	379.6	390.7	544.8	0.00	0.00	0.00
3,640.0	10.70	45.83	3,589.8	384.8	396.1	552.2	0.00	0.00	0.00
3,680.0	10.70	45.83	3,629.1	390.0	401.4	559.6	0.00	0.00	0.00
3,720.0	10.70	45.83	3,668.4	395.2	406.7	567.1	0.00	0.00	0.00
3,756.2	10.70	45.83	3,704.0	399.8	411.5	573.8	0.00	0.00	0.00
PARKMAN									
3,760.0	10.70	45.83	3,707.7	400.3	412.1	574.5	0.00	0.00	0.00
3,800.0	10.70	45.83	3,747.0	405.5	417.4	581.9	0.00	0.00	0.00
3,840.0	10.70	45.83	3,786.3	410.7	422.7	589.4	0.00	0.00	0.00
3,880.0	10.70	45.83	3,825.7	415.9	428.0	596.8	0.00	0.00	0.00
3,920.0	10.70	45.83	3,865.0	421.0	433.4	604.2	0.00	0.00	0.00
3,960.0	10.70	45.83	3,904.3	426.2	438.7	611.7	0.00	0.00	0.00
4,000.0	10.70	45.83	3,943.6	431.4	444.0	619.1	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well Kaiser 28-10
Company:	BAYSWATER EXPLORATION & PRODUCTION	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Project:	SEC.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	North Reference:	True
Well:	Kaiser 28-10	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (9-24-11)		

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)
4,040.0	10.70	45.83	3,982.9	436.6	449.4	626.5	0.00	0.00	0.00
4,080.0	10.70	45.83	4,022.2	441.8	454.7	633.9	0.00	0.00	0.00
4,120.0	10.70	45.83	4,061.5	446.9	460.0	641.4	0.00	0.00	0.00
4,160.0	10.70	45.83	4,100.8	452.1	465.3	648.8	0.00	0.00	0.00
4,200.0	10.70	45.83	4,140.1	457.3	470.7	656.2	0.00	0.00	0.00
4,240.0	10.70	45.83	4,179.4	462.5	476.0	663.7	0.00	0.00	0.00
4,280.0	10.70	45.83	4,218.7	467.6	481.3	671.1	0.00	0.00	0.00
4,320.0	10.70	45.83	4,258.0	472.8	486.7	678.5	0.00	0.00	0.00
4,360.0	10.70	45.83	4,297.3	478.0	492.0	685.9	0.00	0.00	0.00
4,400.0	10.70	45.83	4,336.6	483.2	497.3	693.4	0.00	0.00	0.00
4,440.0	10.70	45.83	4,375.9	488.3	502.6	700.8	0.00	0.00	0.00
4,480.0	10.70	45.83	4,415.2	493.5	508.0	708.2	0.00	0.00	0.00
4,520.0	10.70	45.83	4,454.5	498.7	513.3	715.7	0.00	0.00	0.00
4,533.6	10.70	45.83	4,467.9	500.5	515.1	718.2	0.00	0.00	0.00
4,560.0	10.18	45.83	4,493.8	503.8	518.5	723.0	2.00	-2.00	0.00
4,592.6	9.52	45.83	4,526.0	507.7	522.5	728.6	2.00	-2.00	0.00
SUSSEX									
4,600.0	9.38	45.83	4,533.3	508.5	523.4	729.8	2.00	-2.00	0.00
4,640.0	8.58	45.83	4,572.8	512.9	527.9	736.0	2.00	-2.00	0.00
4,680.0	7.78	45.83	4,612.4	516.8	532.0	741.7	2.00	-2.00	0.00
4,720.0	6.98	45.83	4,652.0	520.4	535.7	746.8	2.00	-2.00	0.00
4,760.0	6.18	45.83	4,691.8	523.6	538.9	751.4	2.00	-2.00	0.00
4,800.0	5.38	45.83	4,731.6	526.4	541.8	755.4	2.00	-2.00	0.00
4,840.0	4.58	45.83	4,771.4	528.8	544.3	758.9	2.00	-2.00	0.00
4,880.0	3.78	45.83	4,811.3	530.9	546.4	761.8	2.00	-2.00	0.00
4,920.0	2.98	45.83	4,851.2	532.5	548.1	764.2	2.00	-2.00	0.00
4,960.0	2.18	45.83	4,891.2	533.8	549.4	766.0	2.00	-2.00	0.00
5,000.0	1.38	45.83	4,931.2	534.6	550.3	767.2	2.00	-2.00	0.00
5,040.0	0.58	45.83	4,971.2	535.1	550.8	767.9	2.00	-2.00	0.00
5,068.8	0.00	0.00	5,000.0	535.2	550.9	768.0	2.00	-2.00	0.00
5,080.0	0.00	0.00	5,011.2	535.2	550.9	768.0	0.00	0.00	0.00
5,113.8	0.00	0.00	5,045.0	535.2	550.9	768.0	0.00	0.00	0.00
SHANNON									
5,120.0	0.00	0.00	5,051.2	535.2	550.9	768.0	0.00	0.00	0.00
5,160.0	0.00	0.00	5,091.2	535.2	550.9	768.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,131.2	535.2	550.9	768.0	0.00	0.00	0.00
5,240.0	0.00	0.00	5,171.2	535.2	550.9	768.0	0.00	0.00	0.00
5,280.0	0.00	0.00	5,211.2	535.2	550.9	768.0	0.00	0.00	0.00
5,320.0	0.00	0.00	5,251.2	535.2	550.9	768.0	0.00	0.00	0.00
5,360.0	0.00	0.00	5,291.2	535.2	550.9	768.0	0.00	0.00	0.00
5,400.0	0.00	0.00	5,331.2	535.2	550.9	768.0	0.00	0.00	0.00
5,440.0	0.00	0.00	5,371.2	535.2	550.9	768.0	0.00	0.00	0.00
5,480.0	0.00	0.00	5,411.2	535.2	550.9	768.0	0.00	0.00	0.00
5,520.0	0.00	0.00	5,451.2	535.2	550.9	768.0	0.00	0.00	0.00
5,560.0	0.00	0.00	5,491.2	535.2	550.9	768.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,531.2	535.2	550.9	768.0	0.00	0.00	0.00
5,640.0	0.00	0.00	5,571.2	535.2	550.9	768.0	0.00	0.00	0.00
5,680.0	0.00	0.00	5,611.2	535.2	550.9	768.0	0.00	0.00	0.00
5,720.0	0.00	0.00	5,651.2	535.2	550.9	768.0	0.00	0.00	0.00
5,760.0	0.00	0.00	5,691.2	535.2	550.9	768.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,731.2	535.2	550.9	768.0	0.00	0.00	0.00
5,840.0	0.00	0.00	5,771.2	535.2	550.9	768.0	0.00	0.00	0.00
5,880.0	0.00	0.00	5,811.2	535.2	550.9	768.0	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well Kaiser 28-10
Company:	BAYSWATER EXPLORATION & PRODUCTION	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Project:	SEC.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	North Reference:	True
Well:	Kaiser 28-10	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (9-24-11)		

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)
5,920.0	0.00	0.00	5,851.2	535.2	550.9	768.0	0.00	0.00	0.00
5,960.0	0.00	0.00	5,891.2	535.2	550.9	768.0	0.00	0.00	0.00
6,000.0	0.00	0.00	5,931.2	535.2	550.9	768.0	0.00	0.00	0.00
6,040.0	0.00	0.00	5,971.2	535.2	550.9	768.0	0.00	0.00	0.00
6,080.0	0.00	0.00	6,011.2	535.2	550.9	768.0	0.00	0.00	0.00
6,120.0	0.00	0.00	6,051.2	535.2	550.9	768.0	0.00	0.00	0.00
6,160.0	0.00	0.00	6,091.2	535.2	550.9	768.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,131.2	535.2	550.9	768.0	0.00	0.00	0.00
6,240.0	0.00	0.00	6,171.2	535.2	550.9	768.0	0.00	0.00	0.00
6,280.0	0.00	0.00	6,211.2	535.2	550.9	768.0	0.00	0.00	0.00
6,320.0	0.00	0.00	6,251.2	535.2	550.9	768.0	0.00	0.00	0.00
6,360.0	0.00	0.00	6,291.2	535.2	550.9	768.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,331.2	535.2	550.9	768.0	0.00	0.00	0.00
6,440.0	0.00	0.00	6,371.2	535.2	550.9	768.0	0.00	0.00	0.00
6,480.0	0.00	0.00	6,411.2	535.2	550.9	768.0	0.00	0.00	0.00
6,520.0	0.00	0.00	6,451.2	535.2	550.9	768.0	0.00	0.00	0.00
6,560.0	0.00	0.00	6,491.2	535.2	550.9	768.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,531.2	535.2	550.9	768.0	0.00	0.00	0.00
6,640.0	0.00	0.00	6,571.2	535.2	550.9	768.0	0.00	0.00	0.00
6,680.0	0.00	0.00	6,611.2	535.2	550.9	768.0	0.00	0.00	0.00
6,720.0	0.00	0.00	6,651.2	535.2	550.9	768.0	0.00	0.00	0.00
6,760.0	0.00	0.00	6,691.2	535.2	550.9	768.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,731.2	535.2	550.9	768.0	0.00	0.00	0.00
6,840.0	0.00	0.00	6,771.2	535.2	550.9	768.0	0.00	0.00	0.00
6,880.0	0.00	0.00	6,811.2	535.2	550.9	768.0	0.00	0.00	0.00
6,887.8	0.00	0.00	6,819.0	535.2	550.9	768.0	0.00	0.00	0.00
NIOBRARA									
6,920.0	0.00	0.00	6,851.2	535.2	550.9	768.0	0.00	0.00	0.00
6,960.0	0.00	0.00	6,891.2	535.2	550.9	768.0	0.00	0.00	0.00
7,000.0	0.00	0.00	6,931.2	535.2	550.9	768.0	0.00	0.00	0.00
7,040.0	0.00	0.00	6,971.2	535.2	550.9	768.0	0.00	0.00	0.00
7,080.0	0.00	0.00	7,011.2	535.2	550.9	768.0	0.00	0.00	0.00
7,120.0	0.00	0.00	7,051.2	535.2	550.9	768.0	0.00	0.00	0.00
7,152.8	0.00	0.00	7,084.0	535.2	550.9	768.0	0.00	0.00	0.00
FORT HAYS									
7,160.0	0.00	0.00	7,091.2	535.2	550.9	768.0	0.00	0.00	0.00
7,186.8	0.00	0.00	7,118.0	535.2	550.9	768.0	0.00	0.00	0.00
CODELL									
7,200.0	0.00	0.00	7,131.2	535.2	550.9	768.0	0.00	0.00	0.00
7,236.8	0.00	0.00	7,168.0	535.2	550.9	768.0	0.00	0.00	0.00
GREENHORN									
7,240.0	0.00	0.00	7,171.2	535.2	550.9	768.0	0.00	0.00	0.00
7,280.0	0.00	0.00	7,211.2	535.2	550.9	768.0	0.00	0.00	0.00
7,320.0	0.00	0.00	7,251.2	535.2	550.9	768.0	0.00	0.00	0.00
7,320.8	0.00	0.00	7,252.0	535.2	550.9	768.0	0.00	0.00	0.00
GRANEROS									
7,338.8	0.00	0.00	7,270.0	535.2	550.9	768.0	0.00	0.00	0.00

Database:	Landmark	Local Co-ordinate Reference:	Well Kaiser 28-10
Company:	BAYSWATER EXPLORATION & PRODUCTION	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Project:	SEC.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	North Reference:	True
Well:	Kaiser 28-10	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan #1 (9-24-11)		

Casing Points

Measured Depth (ft)	Vertical Depth (ft)	Name	Casing Diameter (")	Hole Diameter (")
650.3	650.0	8 5/8"	8-5/8	12-1/4

Formations

Measured Depth (ft)	Vertical Depth (ft)	Name	Lithology	Dip (°)	Dip Direction (°)
3,756.2	3,704.0	PARKMAN		0.00	
4,592.6	4,526.0	SUSSEX		0.00	
5,113.8	5,045.0	SHANNON		0.00	
6,887.8	6,819.0	NIOBRARA		0.00	
7,152.8	7,084.0	FORT HAYS		0.00	
7,186.8	7,118.0	CODELL		0.00	
7,236.8	7,168.0	GREENHORN		0.00	
7,320.8	7,252.0	GRANEROS		0.00	



Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.10-T6N-R65W

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

Kaiser 28-10

Wellbore #1

Plan #1 (9-24-11)

Anticollision Report

25 September, 2012

Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Kaiser 28-10
Project:	SEC.10-T6N-R65W	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Reference Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Kaiser 28-10	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 (9-24-11)	Offset TVD Reference:	Offset Datum

Offset Design Kaiser 2-10 Pad Sec.10-T6N-R65W - Kaiser 18-10 - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 130-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis		Distance							
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
1,600.0	1,585.3	1,542.6	1,539.4	4.7	3.3	-179.37	-46.5	-51.5	245.9	239.0	6.85	35.887	
1,700.0	1,683.6	1,627.7	1,623.1	5.1	3.6	-178.62	-54.2	-64.9	281.6	274.3	7.30	38.554	
1,800.0	1,781.8	1,716.6	1,710.2	5.5	3.9	-178.16	-64.4	-79.9	319.6	311.8	7.76	41.191	
1,900.0	1,880.1	1,810.1	1,801.6	5.9	4.2	-178.07	-76.5	-94.8	357.9	349.7	8.21	43.612	
2,000.0	1,978.4	1,903.3	1,892.9	6.3	4.5	-178.28	-89.7	-108.1	395.8	387.2	8.65	45.761	
2,100.0	2,076.6	1,989.8	1,977.6	6.7	4.9	-178.56	-102.8	-120.2	434.2	425.1	9.09	47.771	
2,200.0	2,174.9	2,077.2	2,062.8	7.2	5.2	-178.85	-117.2	-133.1	474.0	464.5	9.54	49.679	
2,300.0	2,273.1	2,165.6	2,148.9	7.6	5.6	-179.11	-132.2	-146.5	514.4	504.4	10.00	51.432	
2,400.0	2,371.4	2,256.2	2,237.0	8.0	6.0	-179.32	-147.8	-160.7	555.2	544.7	10.46	53.079	
2,500.0	2,469.7	2,352.9	2,331.2	8.4	6.4	-179.66	-165.1	-174.6	595.7	584.8	10.92	54.530	
2,600.0	2,567.9	2,442.6	2,418.6	8.8	6.7	-180.00	-181.2	-186.5	635.5	624.1	11.38	55.862	
2,700.0	2,666.2	2,531.6	2,505.1	9.2	7.1	179.76	-197.4	-199.4	676.2	664.4	11.83	57.145	
2,800.0	2,764.4	2,625.9	2,597.0	9.6	7.5	179.51	-214.3	-212.6	716.5	704.2	12.30	58.238	
2,900.0	2,862.7	2,715.4	2,684.1	10.0	7.8	179.46	-229.1	-226.4	756.8	744.1	12.76	59.297	
3,000.0	2,961.0	2,802.7	2,769.1	10.4	8.2	179.48	-243.1	-240.9	797.5	784.3	13.23	60.297	
3,100.0	3,059.2	2,890.1	2,854.0	10.8	8.6	179.50	-257.6	-255.6	838.8	825.1	13.69	61.262	
3,200.0	3,157.5	2,980.4	2,941.7	11.3	9.0	179.46	-273.2	-270.2	880.1	865.9	14.16	62.140	
3,300.0	3,255.7	3,066.4	3,025.2	11.7	9.4	179.41	-288.5	-284.6	922.0	907.4	14.62	63.048	
3,400.0	3,354.0	3,173.1	3,129.0	12.1	9.9	179.37	-306.3	-301.4	962.6	947.4	15.13	63.619	
3,500.0	3,452.3	3,246.9	3,200.7	12.5	10.2	179.32	-319.3	-313.1	1,003.9	988.3	15.56	64.508	
3,600.0	3,550.5	3,342.4	3,293.4	12.9	10.7	179.21	-337.1	-328.2	1,045.8	1,029.8	16.05	65.155	
3,700.0	3,648.8	3,454.7	3,402.6	13.3	11.1	179.05	-357.5	-344.2	1,086.4	1,069.8	16.57	65.580	
3,800.0	3,747.0	3,550.8	3,496.4	13.7	11.5	178.92	-374.2	-357.2	1,125.9	1,108.9	17.04	66.059	
3,900.0	3,845.3	3,645.7	3,588.9	14.1	11.9	178.83	-390.3	-370.2	1,165.4	1,147.9	17.53	66.498	
4,000.0	3,943.6	3,744.6	3,685.7	14.6	12.3	178.79	-405.8	-384.1	1,204.2	1,186.2	18.02	66.836	
4,100.0	4,041.8	3,832.8	3,771.8	15.0	12.7	178.78	-419.5	-396.7	1,243.1	1,224.6	18.49	67.243	
4,200.0	4,140.1	3,917.7	3,854.8	15.4	13.1	178.77	-432.8	-409.1	1,282.3	1,263.4	18.95	67.659	
4,300.0	4,238.3	3,996.1	3,931.2	15.8	13.4	178.76	-445.5	-421.1	1,322.3	1,302.9	19.40	68.143	
4,400.0	4,336.6	4,074.0	4,007.0	16.2	13.8	178.75	-458.9	-433.4	1,363.2	1,343.4	19.86	68.646	
4,500.0	4,434.9	4,142.9	4,073.8	16.6	14.2	178.72	-471.4	-444.6	1,405.3	1,385.0	20.29	69.249	
4,533.6	4,467.9	4,175.0	4,104.8	16.8	14.3	178.71	-477.6	-450.1	1,419.8	1,399.3	20.46	69.387	
4,600.0	4,533.3	4,229.6	4,157.5	17.0	14.6	178.71	-488.1	-459.5	1,447.8	1,427.0	20.82	69.548	
4,700.0	4,632.2	4,322.7	4,247.6	17.3	15.0	178.73	-504.9	-476.0	1,486.9	1,465.6	21.33	69.711	
4,800.0	4,731.6	4,440.8	4,361.9	17.5	15.6	178.86	-524.3	-498.5	1,522.7	1,500.8	21.87	69.609	
4,900.0	4,831.3	4,529.2	4,447.8	17.7	16.0	178.95	-537.9	-514.7	1,553.9	1,531.6	22.32	69.627	
5,000.0	4,931.2	4,605.1	4,521.3	17.9	16.4	179.00	-550.6	-528.7	1,582.8	1,560.0	22.71	69.703	
5,068.8	5,000.0	4,662.4	4,576.6	18.0	16.6	-135.15	-560.8	-539.5	1,601.4	1,578.4	22.97	69.705	
5,100.0	5,031.2	4,696.7	4,609.7	18.0	16.8	-135.15	-567.1	-545.8	1,609.5	1,586.4	23.12	69.615	
5,200.0	5,131.2	4,804.4	4,713.9	18.1	17.3	-135.19	-587.3	-564.4	1,634.9	1,611.3	23.59	69.297	
5,300.0	5,231.2	4,920.2	4,826.1	18.3	17.9	-135.23	-608.4	-583.7	1,659.6	1,635.5	24.08	68.913	
5,400.0	5,331.2	5,005.7	4,909.0	18.4	18.3	-135.26	-623.9	-597.6	1,684.0	1,659.5	24.50	68.734	
5,500.0	5,431.2	5,111.0	5,011.1	18.5	18.8	-135.31	-643.0	-614.8	1,708.3	1,683.4	24.97	68.414	
5,600.0	5,531.2	5,188.5	5,086.2	18.7	19.1	-135.34	-657.2	-627.5	1,733.0	1,707.6	25.37	68.304	
5,700.0	5,631.2	5,422.1	5,314.1	18.8	20.1	-135.44	-695.5	-661.0	1,755.0	1,728.8	26.15	67.111	
5,800.0	5,731.2	5,586.0	5,475.9	19.0	20.7	-135.46	-714.5	-678.9	1,770.9	1,744.2	26.73	66.260	
5,900.0	5,831.2	5,774.6	5,663.2	19.1	21.2	-135.45	-729.6	-694.1	1,782.1	1,754.8	27.33	65.197	
6,000.0	5,931.2	5,925.8	5,814.0	19.2	21.6	-135.40	-736.9	-703.7	1,790.1	1,762.3	27.84	64.291	
6,100.0	6,031.2	6,074.2	5,962.3	19.4	21.8	-135.34	-740.7	-709.8	1,794.8	1,766.4	28.33	63.344	
6,200.0	6,131.2	6,209.4	6,097.3	19.5	22.0	-135.31	-742.4	-712.9	1,797.3	1,768.5	28.79	62.428	
6,300.0	6,231.2	6,318.7	6,206.7	19.7	22.2	-135.30	-743.1	-714.0	1,798.4	1,769.2	29.19	61.604	
6,400.0	6,331.2	6,419.7	6,307.6	19.8	22.3	-135.29	-743.5	-715.0	1,799.4	1,769.8	29.58	60.826	

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

Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Kaiser 28-10
Project:	SEC.10-T6N-R65W	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Reference Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Kaiser 28-10	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 (9-24-11)	Offset TVD Reference:	Offset Datum

Offset Design										Kaiser 2-10 Pad Sec.10-T6N-R65W - Kaiser 18-10 - Wellbore #1 - Wellbore #1				Offset Site Error:		0.0 ft	
Survey Program: 130-MWD												Offset Well Error:		0.0 ft			
Reference		Offset		Semi Major Axis			Distance							Warning			
Measured Depth	Vertical Depth	Measured Depth	Vertical Depth	Reference	Offset	Highside Toolface	Offset Wellbore Centre		Between Centres	Between Ellipses	Minimum Separation	Separation Factor					
(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	+N/-S (ft)	+E/-W (ft)	(ft)	(ft)	(ft)						
6,500.0	6,431.2	6,522.4	6,410.4	20.0	22.5	-135.27	-743.7	-716.1	1,800.3	1,770.3	29.98	60.054					
6,600.0	6,531.2	6,623.8	6,511.7	20.1	22.6	-135.24	-743.8	-717.2	1,801.1	1,770.8	30.37	59.306					
6,700.0	6,631.2	6,731.8	6,619.8	20.3	22.7	-135.22	-743.6	-718.1	1,801.6	1,770.8	30.77	58.541					
6,800.0	6,731.2	6,829.7	6,717.6	20.5	22.9	-135.20	-743.4	-718.9	1,801.9	1,770.8	31.16	57.825					
6,900.0	6,831.2	6,929.6	6,817.5	20.6	23.0	-135.17	-743.0	-719.9	1,802.4	1,770.8	31.55	57.121					
7,000.0	6,931.2	7,032.5	6,920.4	20.8	23.1	-135.14	-742.7	-720.7	1,802.7	1,770.8	31.95	56.421					
7,100.0	7,031.2	7,130.5	7,018.4	20.9	23.3	-135.11	-742.2	-721.5	1,803.0	1,770.6	32.34	55.747					
7,200.0	7,131.2	7,231.7	7,119.6	21.1	23.4	-135.07	-741.7	-722.7	1,803.4	1,770.7	32.74	55.084					
7,300.0	7,231.2	7,335.2	7,223.1	21.3	23.6	-135.03	-740.9	-723.7	1,803.6	1,770.5	33.14	54.421					
7,338.8	7,270.0	7,373.7	7,261.5	21.3	23.6	-135.02	-740.7	-724.0	1,803.6	1,770.3	33.29	54.173					

Offset Design Kaiser 2-10 Pad Sec.10-T6N-R65W - Kaiser 2-10 - Wellbore #1 - Wellbore #1													Offset Site Error:	0.0 ft
Survey Program: 160-MWD													Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance							Warning
Measured Depth Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Tooface (")	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor		
0.0	0.0	0.0	0.0	0.0	0.0	175.15	-13.1	1.1	14.5	14.5	0.00	N/A		
100.0	100.0	94.0	94.0	0.1	0.1	175.20	-13.0	1.1	13.1	12.8	0.22	59.909		
200.0	200.0	194.0	194.0	0.3	0.2	175.29	-12.8	1.1	12.8	12.2	0.59	21.883		
204.4	204.4	198.4	198.4	0.3	0.3	175.27	-12.8	1.1	12.8	12.2	0.60	21.194 CC		
300.0	300.0	293.9	293.9	0.6	0.5	174.27	-13.1	1.3	13.1	12.1	1.01	12.953		
400.0	400.0	394.0	394.0	0.8	0.7	172.18	-13.4	1.8	13.5	12.1	1.45	9.327 ES		
500.0	500.0	494.0	494.0	1.0	0.9	128.87	-13.2	2.6	14.4	12.6	1.89	7.638		
600.0	599.8	593.9	593.9	1.2	1.1	137.62	-12.8	3.9	17.7	15.4	2.34	7.591 SF		
700.0	699.5	693.7	693.7	1.5	1.3	147.53	-12.5	5.7	24.1	21.3	2.78	8.653		
800.0	798.7	793.3	793.2	1.7	1.5	154.59	-11.8	8.3	33.4	30.2	3.23	10.327		
900.0	897.5	892.2	892.1	2.0	1.7	158.76	-11.7	11.8	46.3	42.6	3.69	12.561		
935.2	932.1	927.1	926.9	2.2	1.8	159.87	-11.8	13.1	51.8	47.9	3.85	13.444		
1,000.0	995.8	991.4	991.2	2.4	2.0	161.21	-11.9	16.0	61.9	57.7	4.15	14.910		
1,100.0	1,094.0	1,091.2	1,090.7	2.8	2.2	161.04	-12.2	22.9	76.7	72.0	4.64	16.525		
1,200.0	1,192.3	1,192.0	1,190.9	3.1	2.5	158.75	-12.5	33.5	89.8	84.6	5.17	17.362		
1,300.0	1,290.5	1,292.1	1,289.9	3.5	2.8	154.68	-13.0	48.6	101.6	95.8	5.77	17.601		
1,400.0	1,388.8	1,391.3	1,387.4	3.9	3.1	149.56	-14.3	67.2	113.4	107.0	6.45	17.574		
1,500.0	1,487.1	1,491.2	1,484.8	4.3	3.5	143.89	-15.8	89.2	125.6	118.4	7.23	17.369		
1,600.0	1,585.3	1,591.0	1,581.3	4.7	3.9	137.90	-16.6	114.4	137.7	129.6	8.10	17.004		
1,700.0	1,683.6	1,690.5	1,676.9	5.1	4.4	131.88	-16.9	142.2	150.7	141.6	9.03	16.692		
1,800.0	1,781.8	1,791.5	1,773.7	5.5	4.9	126.57	-15.5	170.9	163.4	153.4	9.95	16.421		
1,900.0	1,880.1	1,891.4	1,869.7	5.9	5.4	122.31	-12.8	198.4	175.8	165.0	10.84	16.216		
2,000.0	1,978.4	1,987.7	1,962.3	6.3	5.8	118.82	-10.3	224.6	189.0	177.3	11.72	16.133		
2,100.0	2,076.6	2,083.6	2,054.6	6.7	6.3	115.91	-9.3	250.9	204.5	191.9	12.59	16.245		
2,200.0	2,174.9	2,181.9	2,149.1	7.2	6.8	113.35	-8.9	277.9	220.9	207.4	13.47	16.399		
2,300.0	2,273.1	2,283.2	2,246.4	7.6	7.3	111.04	-7.8	305.7	237.1	222.8	14.36	16.513		
2,400.0	2,371.4	2,380.9	2,340.6	8.0	7.8	109.21	-6.1	331.8	252.8	237.6	15.21	16.614		
2,500.0	2,469.7	2,480.8	2,436.7	8.4	8.4	107.44	-4.4	358.9	268.8	252.7	16.09	16.703		
2,600.0	2,567.9	2,580.5	2,532.6	8.8	8.9	105.84	-2.0	386.0	284.5	267.5	16.96	16.778		
2,700.0	2,666.2	2,674.1	2,622.8	9.2	9.4	104.59	-0.4	411.1	300.9	283.1	17.78	16.922		
2,800.0	2,764.4	2,769.7	2,714.7	9.6	9.9	103.45	0.0	437.4	318.8	300.1	18.62	17.116		
2,900.0	2,862.7	2,869.1	2,810.2	10.0	10.4	102.36	0.4	465.0	336.9	317.5	19.48	17.298		
3,000.0	2,961.0	2,969.1	2,906.4	10.4	11.0	101.41	1.2	492.3	354.6	334.3	20.33	17.449		
3,100.0	3,059.2	3,063.2	2,996.9	10.8	11.5	100.61	1.4	518.2	373.0	351.9	21.14	17.641		
3,200.0	3,157.5	3,166.4	3,096.4	11.3	12.0	99.98	1.4	545.5	391.0	369.0	21.99	17.776		
3,300.0	3,255.7	3,261.6	3,188.4	11.7	12.5	99.56	1.1	569.9	408.9	386.1	22.81	17.929		
3,400.0	3,354.0	3,357.4	3,280.5	12.1	13.0	98.97	0.8	596.2	427.8	404.2	23.63	18.103		
3,500.0	3,452.3	3,463.6	3,382.9	12.5	13.6	98.42	1.1	624.7	445.9	421.4	24.49	18.206		
3,600.0	3,550.5	3,568.5	3,484.3	12.9	14.1	97.98	2.5	651.3	462.3	436.9	25.34	18.244		
3,700.0	3,648.8	3,667.1	3,579.7	13.3	14.6	97.61	4.4	675.9	478.0	451.9	26.16	18.275		
3,800.0	3,747.0	3,762.6	3,672.2	13.7	15.1	97.31	5.7	699.6	494.2	467.2	26.97	18.327		
3,900.0	3,845.3	3,852.5	3,759.1	14.1	15.5	97.05	6.2	722.5	511.4	483.6	27.76	18.422		
4,000.0	3,943.6	3,941.9	3,845.0	14.6	16.0	96.65	6.1	747.5	530.6	502.1	28.56	18.577		
4,100.0	4,041.8	4,037.2	3,936.1	15.0	16.6	96.13	5.8	775.5	550.9	521.5	29.40	18.737		
4,200.0	4,140.1	4,132.3	4,026.6	15.4	17.2	95.50	6.2	804.6	571.4	541.2	30.25	18.894		
4,300.0	4,238.3	4,229.8	4,119.2	15.8	17.8	94.84	6.6	835.3	592.6	561.5	31.10	19.057		
4,400.0	4,336.6	4,331.2	4,215.7	16.2	18.4	94.26	7.0	866.4	613.3	581.3	31.95	19.198		
4,500.0	4,434.9	4,431.9	4,312.1	16.6	19.0	93.91	6.6	895.4	633.5	600.7	32.79	19.322		
4,533.6	4,467.9	4,466.0	4,344.8	16.8	19.2	93.80	6.5	905.2	640.2	607.1	33.07	19.360		
4,600.0	4,533.3	4,534.6	4,410.6	17.0	19.5	93.80	6.3	924.4	653.2	619.5	33.62	19.429		
4,700.0	4,632.2	4,636.3	4,508.3	17.3	20.1	93.52	6.8	952.9	672.0	637.6	34.33	19.571		

COMPASS 2003.21 Build 46

Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Kaiser 28-10
Project:	SEC.10-T6N-R65W	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Reference Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Kaiser 28-10	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 (9-24-11)	Offset TVD Reference:	Offset Datum

Offset Design Kaiser 2-10 Pad Sec.10-T6N-R65W - Kaiser 2-10 - Wellbore #1 - Wellbore #1												Offset Site Error:	0.0 ft
Survey Program: 160-MWD												Offset Well Error:	0.0 ft
Reference		Offset		Semi Major Axis			Distance						
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning
4,800.0	4,731.6	4,731.8	4,599.8	17.5	20.6	92.95	7.9	980.2	690.5	655.6	34.96	19.754	
4,900.0	4,831.3	4,839.0	4,702.7	17.7	21.2	92.04	9.2	1,010.1	708.7	673.2	35.53	19.949	
5,000.0	4,931.2	4,938.7	4,798.9	17.9	21.8	91.11	10.1	1,036.3	726.1	690.2	35.98	20.184	
5,068.8	5,000.0	5,004.1	4,862.2	18.0	22.1	136.27	10.3	1,053.0	738.3	702.1	36.23	20.378	
5,100.0	5,031.2	5,036.2	4,893.2	18.0	22.3	135.81	10.3	1,061.1	743.9	707.5	36.32	20.480	
5,200.0	5,131.2	5,146.4	5,000.1	18.1	22.8	134.34	10.7	1,087.6	760.8	724.2	36.63	20.768	
5,300.0	5,231.2	5,248.2	5,099.5	18.3	23.2	133.17	10.6	1,110.1	777.0	740.1	36.93	21.042	
5,400.0	5,331.2	5,360.8	5,209.5	18.4	23.7	131.99	10.5	1,133.9	792.9	755.7	37.22	21.301	
5,500.0	5,431.2	5,494.1	5,341.1	18.5	24.2	131.02	9.5	1,155.3	805.4	767.9	37.55	21.451	
5,600.0	5,531.2	5,613.1	5,459.3	18.7	24.5	130.50	7.9	1,168.3	814.6	776.8	37.84	21.527	
5,700.0	5,631.2	5,730.9	5,576.7	18.8	24.8	130.11	6.7	1,178.2	821.7	783.6	38.14	21.548	
5,800.0	5,731.2	5,843.0	5,688.6	19.0	25.0	129.86	5.9	1,184.9	826.7	788.3	38.42	21.516	
5,900.0	5,831.2	5,948.9	5,794.4	19.1	25.1	129.77	4.1	1,188.9	830.8	792.0	38.71	21.462	
6,000.0	5,931.2	6,060.5	5,905.9	19.2	25.3	129.79	1.8	1,191.4	833.8	794.8	39.00	21.377	
6,100.0	6,031.2	6,165.8	6,011.2	19.4	25.4	129.84	-0.1	1,192.5	835.7	796.4	39.29	21.271	
6,200.0	6,131.2	6,269.2	6,114.6	19.5	25.5	129.89	-1.7	1,193.2	837.2	797.6	39.58	21.153	
6,300.0	6,231.2	6,371.8	6,217.2	19.7	25.6	129.94	-2.9	1,193.6	838.3	798.4	39.87	21.027	
6,400.0	6,331.2	6,474.5	6,319.9	19.8	25.8	129.98	-3.9	1,193.8	839.1	798.9	40.16	20.896	
6,500.0	6,431.2	6,575.8	6,421.1	20.0	25.9	130.03	-4.8	1,193.7	839.6	799.1	40.45	20.757	
6,600.0	6,531.2	6,675.7	6,521.1	20.1	26.0	130.08	-5.7	1,193.7	840.1	799.3	40.74	20.621	
6,700.0	6,631.2	6,776.8	6,622.2	20.3	26.1	130.10	-6.2	1,193.8	840.5	799.5	41.03	20.484	
6,800.0	6,731.2	6,879.4	6,724.8	20.5	26.2	130.10	-6.3	1,194.0	840.7	799.4	41.33	20.342	
6,900.0	6,831.2	6,980.9	6,826.3	20.6	26.3	130.09	-6.2	1,194.0	840.7	799.1	41.63	20.195	
7,000.0	6,931.2	7,081.0	6,926.4	20.8	26.4	130.08	-6.0	1,194.0	840.5	798.6	41.93	20.046	
7,025.2	6,956.4	7,105.0	6,950.4	20.8	26.5	130.08	-5.9	1,194.0	840.5	798.5	42.00	20.010	
7,100.0	7,031.2	7,175.0	7,020.4	20.9	26.5	130.05	-5.7	1,194.4	840.7	798.5	42.22	19.912	
7,200.0	7,131.2	7,261.8	7,107.2	21.1	26.7	129.99	-5.9	1,195.9	842.1	799.6	42.51	19.811	
7,300.0	7,231.2	7,372.8	7,218.1	21.3	26.8	129.93	-6.3	1,197.8	843.7	800.9	42.83	19.699	
7,338.8	7,270.0	7,416.5	7,261.9	21.3	26.9	129.91	-6.2	1,198.2	843.9	800.9	42.96	19.646	

Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Kaiser 28-10
Project:	SEC.10-T6N-R65W	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Reference Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Kaiser 28-10	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 (9-24-11)	Offset TVD Reference:	Offset Datum

Offset Design Kaiser 2-10 Pad Sec.10-T6N-R65W - KAISER 21-10 (EXISTING) - Wellbore #1 - EXISTING VERT													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference (ft)	Offset (ft)	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
0.0	0.0	0.0	0.0	0.0	0.0	-180.00	-76.5	0.0	76.7					
100.0	100.0	94.0	94.0	0.1	0.1	-180.00	-76.5	0.0	76.5	76.3	0.22	350.912		
200.0	200.0	194.0	194.0	0.3	0.3	-180.00	-76.5	0.0	76.5	75.9	0.66	115.783		
300.0	300.0	294.0	294.0	0.6	0.5	-180.00	-76.5	0.0	76.5	75.4	1.11	68.907		
400.0	400.0	394.0	394.0	0.8	0.8	-180.00	-76.5	0.0	76.5	75.0	1.56	49.049 CC, ES		
500.0	500.0	494.0	494.0	1.0	1.0	135.08	-76.5	0.0	77.7	75.7	2.01	38.715		
600.0	599.8	593.8	593.8	1.2	1.2	137.62	-76.5	0.0	81.5	79.1	2.46	33.157		
700.0	699.5	693.5	693.5	1.5	1.4	141.35	-76.5	0.0	88.2	85.3	2.92	30.219		
800.0	798.7	792.7	792.7	1.7	1.7	145.69	-76.5	0.0	98.0	94.6	3.38	28.962		
900.0	897.5	891.5	891.5	2.0	1.9	150.08	-76.5	0.0	111.3	107.5	3.85	28.881		
935.2	932.1	926.1	926.1	2.2	2.0	151.57	-76.5	0.0	116.8	112.8	4.02	29.070		
1,000.0	995.8	989.8	989.8	2.4	2.1	154.14	-76.5	0.0	127.6	123.3	4.33	29.502		
1,100.0	1,094.0	1,088.0	1,088.0	2.8	2.3	157.34	-76.5	0.0	144.6	139.8	4.80	30.149		
1,200.0	1,192.3	1,186.3	1,186.3	3.1	2.6	159.87	-76.5	0.0	161.9	156.7	5.27	30.752		
1,300.0	1,290.5	1,284.5	1,284.5	3.5	2.8	161.91	-76.5	0.0	179.5	173.8	5.74	31.301		
1,400.0	1,388.8	1,382.8	1,382.8	3.9	3.0	163.58	-76.5	0.0	197.3	191.1	6.20	31.795		
1,500.0	1,487.1	1,481.1	1,481.1	4.3	3.2	164.98	-76.5	0.0	215.2	208.5	6.67	32.240		
1,600.0	1,585.3	1,579.3	1,579.3	4.7	3.4	166.16	-76.5	0.0	233.2	226.0	7.14	32.639		
1,700.0	1,683.6	1,677.6	1,677.6	5.1	3.7	167.17	-76.5	0.0	251.3	243.7	7.61	32.998		
1,800.0	1,781.8	1,775.8	1,775.8	5.5	3.9	168.05	-76.5	0.0	269.4	261.3	8.09	33.321		
1,900.0	1,880.1	1,874.1	1,874.1	5.9	4.1	168.81	-76.5	0.0	287.6	279.1	8.56	33.614		
2,000.0	1,978.4	1,972.4	1,972.4	6.3	4.3	169.49	-76.5	0.0	305.9	296.9	9.03	33.879		
2,100.0	2,076.6	2,070.6	2,070.6	6.7	4.5	170.09	-76.5	0.0	324.2	314.7	9.50	34.119		
2,200.0	2,174.9	2,168.9	2,168.9	7.2	4.8	170.62	-76.5	0.0	342.5	332.5	9.97	34.339		
2,300.0	2,273.1	2,267.1	2,267.1	7.6	5.0	171.10	-76.5	0.0	360.8	350.4	10.45	34.540		
2,400.0	2,371.4	2,365.4	2,365.4	8.0	5.2	171.53	-76.5	0.0	379.2	368.3	10.92	34.725		
2,500.0	2,469.7	2,463.7	2,463.7	8.4	5.4	171.93	-76.5	0.0	397.6	386.2	11.39	34.895		
2,600.0	2,567.9	2,561.9	2,561.9	8.8	5.6	172.29	-76.5	0.0	416.0	404.1	11.87	35.052		
2,700.0	2,666.2	2,660.2	2,660.2	9.2	5.9	172.62	-76.5	0.0	434.4	422.1	12.34	35.197		
2,800.0	2,764.4	2,758.4	2,758.4	9.6	6.1	172.92	-76.5	0.0	452.9	440.0	12.82	35.332		
2,900.0	2,862.7	2,856.7	2,856.7	10.0	6.3	173.20	-76.5	0.0	471.3	458.0	13.29	35.458		
3,000.0	2,961.0	2,955.0	2,955.0	10.4	6.5	173.45	-76.5	0.0	489.7	476.0	13.77	35.574		
3,100.0	3,059.2	3,053.2	3,053.2	10.8	6.8	173.69	-76.5	0.0	508.2	494.0	14.24	35.684		
3,200.0	3,157.5	3,151.5	3,151.5	11.3	7.0	173.91	-76.5	0.0	526.7	512.0	14.72	35.786		
3,300.0	3,255.7	3,249.7	3,249.7	11.7	7.2	174.12	-76.5	0.0	545.2	530.0	15.19	35.882		
3,400.0	3,354.0	3,348.0	3,348.0	12.1	7.4	174.31	-76.5	0.0	563.6	548.0	15.67	35.972		
3,500.0	3,452.3	3,446.3	3,446.3	12.5	7.6	174.50	-76.5	0.0	582.1	566.0	16.14	36.056		
3,600.0	3,550.5	3,544.5	3,544.5	12.9	7.9	174.67	-76.5	0.0	600.6	584.0	16.62	36.136		
3,700.0	3,648.8	3,642.8	3,642.8	13.3	8.1	174.83	-76.5	0.0	619.1	602.0	17.10	36.212		
3,800.0	3,747.0	3,741.0	3,741.0	13.7	8.3	174.98	-76.5	0.0	637.6	620.0	17.57	36.283		
3,900.0	3,845.3	3,839.3	3,839.3	14.1	8.5	175.12	-76.5	0.0	656.1	638.1	18.05	36.350		
4,000.0	3,943.6	3,937.6	3,937.6	14.6	8.7	175.25	-76.5	0.0	674.6	656.1	18.53	36.414		
4,100.0	4,041.8	4,035.8	4,035.8	15.0	9.0	175.38	-76.5	0.0	693.1	674.1	19.00	36.475		
4,200.0	4,140.1	4,134.1	4,134.1	15.4	9.2	175.50	-76.5	0.0	711.7	692.2	19.48	36.533		
4,300.0	4,238.3	4,232.3	4,232.3	15.8	9.4	175.61	-76.5	0.0	730.2	710.2	19.96	36.588		
4,400.0	4,336.6	4,330.6	4,330.6	16.2	9.6	175.72	-76.5	0.0	748.7	728.3	20.43	36.640		
4,500.0	4,434.9	4,428.9	4,428.9	16.6	9.8	175.83	-76.5	0.0	767.2	746.3	20.91	36.690		
4,533.6	4,467.9	4,461.9	4,461.9	16.8	9.9	175.86	-76.5	0.0	773.5	752.4	21.07	36.706		
4,600.0	4,533.3	4,527.3	4,527.3	17.0	10.1	175.94	-76.5	0.0	785.0	763.6	21.40	36.674		
4,700.0	4,632.2	4,626.2	4,626.2	17.3	10.3	176.03	-76.5	0.0	799.5	777.7	21.86	36.581		
4,800.0	4,731.6	4,725.6	4,725.6	17.5	10.5	176.10	-76.5	0.0	810.6	788.3	22.28	36.384		

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

Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Kaiser 28-10
Project:	SEC.10-T6N-R65W	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Reference Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Kaiser 28-10	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 (9-24-11)	Offset TVD Reference:	Offset Datum

Offset Design Kaiser 2-10 Pad Sec.10-T6N-R65W - KAISER 21-10 (EXISTING) - Wellbore #1 - EXISTING VERT													Offset Site Error:	0.0 ft
Survey Program: 0-MWD													Offset Well Error:	0.0 ft
Measured Depth (ft)	Vertical Depth (ft)	Measured Depth (ft)	Vertical Depth (ft)	Reference	Offset	Highside Toolface (°)	Offset Wellbore Centre +N/-S (ft)	+E/-W (ft)	Between Centres (ft)	Between Ellipses (ft)	Minimum Separation (ft)	Separation Factor	Warning	
4,900.0	4,831.3	4,825.3	4,825.3	17.7	10.7	176.15	-76.5	0.0	818.2	795.6	22.67	36.091		
5,000.0	4,931.2	4,925.2	4,925.2	17.9	11.0	176.17	-76.5	0.0	822.4	799.3	23.03	35.707		
5,068.8	5,000.0	4,994.0	4,994.0	18.0	11.1	-138.00	-76.5	0.0	823.2	799.9	23.26	35.389		
5,100.0	5,031.2	5,025.2	5,025.2	18.0	11.2	-138.00	-76.5	0.0	823.2	799.8	23.39	35.200		
5,200.0	5,131.2	5,125.2	5,125.2	18.1	11.4	-138.00	-76.5	0.0	823.2	799.4	23.80	34.582		
5,300.0	5,231.2	5,225.2	5,225.2	18.3	11.6	-138.00	-76.5	0.0	823.2	799.0	24.22	33.984		
5,400.0	5,331.2	5,325.2	5,325.2	18.4	11.9	-138.00	-76.5	0.0	823.2	798.5	24.64	33.405		
5,500.0	5,431.2	5,425.2	5,425.2	18.5	12.1	-138.00	-76.5	0.0	823.2	798.1	25.06	32.844		
5,600.0	5,531.2	5,525.2	5,525.2	18.7	12.3	-138.00	-76.5	0.0	823.2	797.7	25.49	32.300		
5,700.0	5,631.2	5,625.2	5,625.2	18.8	12.5	-138.00	-76.5	0.0	823.2	797.3	25.91	31.773		
5,800.0	5,731.2	5,725.2	5,725.2	19.0	12.8	-138.00	-76.5	0.0	823.2	796.9	26.33	31.262		
5,900.0	5,831.2	5,825.2	5,825.2	19.1	13.0	-138.00	-76.5	0.0	823.2	796.4	26.76	30.767		
6,000.0	5,931.2	5,925.2	5,925.2	19.2	13.2	-138.00	-76.5	0.0	823.2	796.0	27.18	30.286		
6,100.0	6,031.2	6,025.2	6,025.2	19.4	13.4	-138.00	-76.5	0.0	823.2	795.6	27.61	29.818		
6,200.0	6,131.2	6,125.2	6,125.2	19.5	13.7	-138.00	-76.5	0.0	823.2	795.2	28.03	29.365		
6,300.0	6,231.2	6,225.2	6,225.2	19.7	13.9	-138.00	-76.5	0.0	823.2	794.7	28.46	28.924		
6,400.0	6,331.2	6,325.2	6,325.2	19.8	14.1	-138.00	-76.5	0.0	823.2	794.3	28.89	28.496		
6,500.0	6,431.2	6,425.2	6,425.2	20.0	14.3	-138.00	-76.5	0.0	823.2	793.9	29.32	28.079		
6,600.0	6,531.2	6,525.2	6,525.2	20.1	14.6	-138.00	-76.5	0.0	823.2	793.4	29.75	27.674		
6,700.0	6,631.2	6,625.2	6,625.2	20.3	14.8	-138.00	-76.5	0.0	823.2	793.0	30.18	27.280		
6,800.0	6,731.2	6,725.2	6,725.2	20.5	15.0	-138.00	-76.5	0.0	823.2	792.6	30.61	26.897		
6,900.0	6,831.2	6,825.2	6,825.2	20.6	15.2	-138.00	-76.5	0.0	823.2	792.2	31.04	26.524		
7,000.0	6,931.2	6,925.2	6,925.2	20.8	15.5	-138.00	-76.5	0.0	823.2	791.7	31.47	26.160		
7,100.0	7,031.2	7,025.2	7,025.2	20.9	15.7	-138.00	-76.5	0.0	823.2	791.3	31.90	25.806		
7,200.0	7,131.2	7,125.2	7,125.2	21.1	15.9	-138.00	-76.5	0.0	823.2	790.9	32.33	25.461		
7,300.0	7,231.2	7,225.2	7,225.2	21.3	16.1	-138.00	-76.5	0.0	823.2	790.4	32.76	25.125		
7,338.8	7,270.0	7,264.0	7,264.0	21.3	16.2	-138.00	-76.5	0.0	823.2	790.3	32.93	24.997 SF		

Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Kaiser 28-10
Project:	SEC.10-T6N-R65W	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Reference Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Kaiser 28-10	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 (9-24-11)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4803.0ft (Original Well Elev) Coordinates are relative to: Kaiser 28-10
Offset Depths are relative to Offset Datum
Central Meridian is -105.500000 °
Coordinate System is US State Plane 1983, Colorado Northern Zone
Grid Convergence at Surface is: 0.55°



Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Kaiser 28-10
Project:	SEC.10-T6N-R65W	TVD Reference:	WELL @ 4803.0ft (Original Well Elev)
Reference Site:	Kaiser 2-10 Pad Sec.10-T6N-R65W	MD Reference:	WELL @ 4803.0ft (Original Well Elev)
Site Error:	0.0ft	North Reference:	True
Reference Well:	Kaiser 28-10	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 (9-24-11)	Offset TVD Reference:	Offset Datum

Reference Depths are relative to WELL @ 4803.0ft (Original Well Elev) Coordinates are relative to: Kaiser 28-10
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°

