



Well Name: Baldridge 7-1

Surface Location: Baldridge & Schneider Pad Sec.36-T7N-R67W
North American Datum 1983 US State Plane 1983 Colorado Northern Zone
Ground Elevation: 4876.0
Northing 1434452.00 Easting 3183430.84 Latitude 40.524098 Longitude -104.840172 Slot
Original Well Elev WELL @ 4892.0ft (Original Well Elev)

+N/-S +E/-W
0.0 0.0

Northing
1434452.00

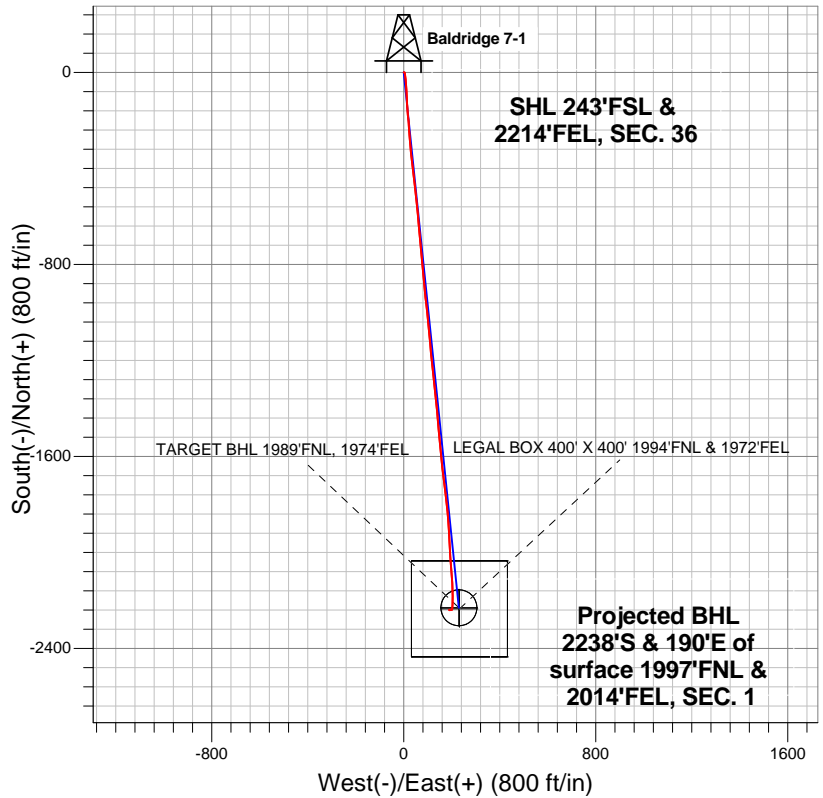
Easting
3183430.84

Latitude
40.524098

Longitude
-104.840172

Slot

BAYSWATER EXPLORATION & PRODUCTION



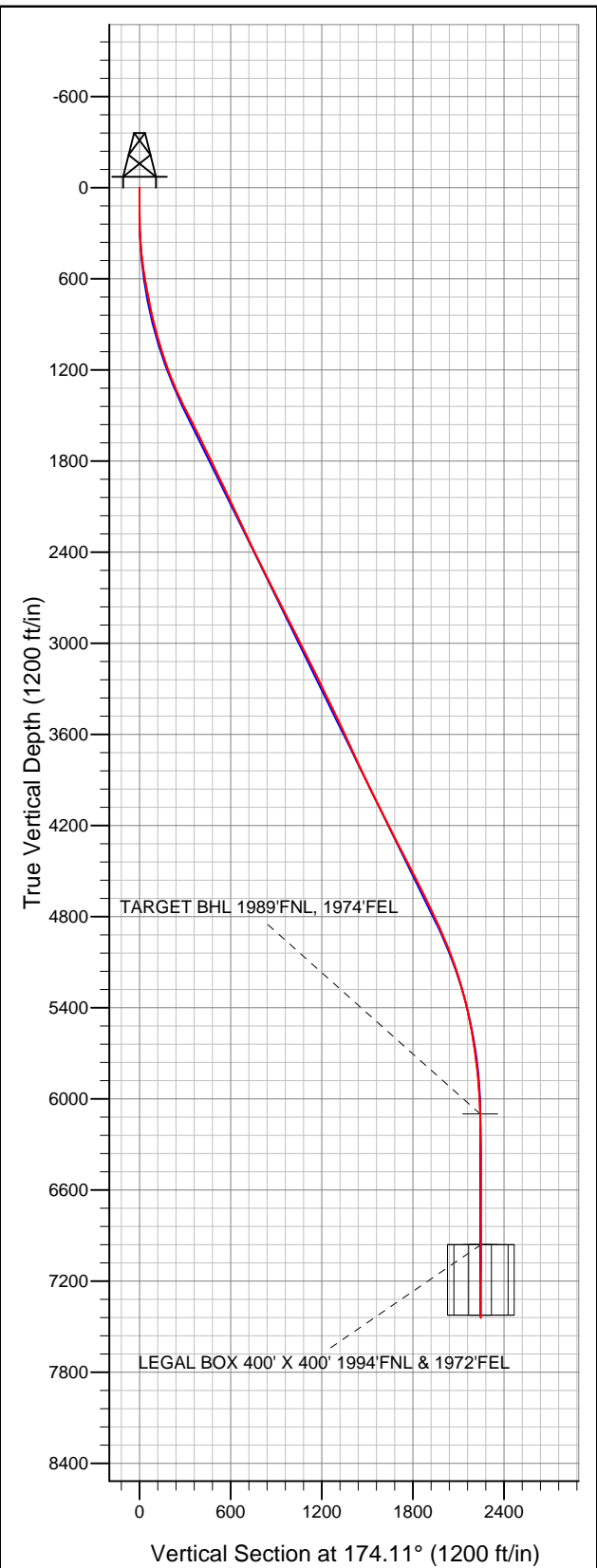
LEGEND

- Baldridge 7-1, Wellbore #1, Plan #1 (9-19-12) R V0
- Wellbore #1
- Survey #1

Final Survey Plot

Projected Final Survey -
7915'MD & 7443'TVD @ 2246'VS
0.30 deg Inc 88.20 deg AZ

Project: SEC.36-T7N-R67W
Site: Baldridge & Schneider Pad Sec.36-T7N-R67W
Well: Baldridge 7-1
Plan: Wellbore #1





Directional

BAYSWATER EXPLORATION & PRODUCTION

SEC.36-T7N-R67W

Baldrige & Schneider Pad Sec.36-T7N-R67W

Baldrige 7-1

Wellbore #1

Survey: Survey #1

Standard Survey Report

02 October, 2012

Company:	BAYSWATER EXPLORATION & PRODUCTION	Local Co-ordinate Reference:	Well Baldridge 7-1
Project:	SEC.36-T7N-R67W	TVD Reference:	WELL @ 4892.0ft (Original Well Elev)
Site:	Baldridge & Schneider Pad Sec.36-T7N-R67W	MD Reference:	WELL @ 4892.0ft (Original Well Elev)
Well:	Baldridge 7-1	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

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)
1,144.0	18.40	175.70	1,126.3	-160.8	16.5	161.7	1.99	1.91	1.81
1,237.0	20.40	175.60	1,214.1	-191.6	18.8	192.5	2.15	2.15	-0.11
1,331.0	23.10	176.80	1,301.4	-226.4	21.1	227.3	2.91	2.87	1.28
1,425.0	25.20	175.90	1,387.1	-264.7	23.6	265.8	2.27	2.23	-0.96
1,518.0	27.10	174.50	1,470.6	-305.6	27.0	306.7	2.15	2.04	-1.51
1,612.0	27.30	173.60	1,554.2	-348.3	31.5	349.7	0.49	0.21	-0.96
1,706.0	26.10	173.30	1,638.2	-390.3	36.3	391.9	1.28	-1.28	-0.32
1,799.0	26.30	173.10	1,721.6	-431.0	41.2	433.0	0.24	0.22	-0.22
1,893.0	26.10	173.60	1,806.0	-472.3	46.0	474.5	0.32	-0.21	0.53
1,987.0	25.10	173.60	1,890.8	-512.6	50.5	515.1	1.06	-1.06	0.00
2,080.0	25.70	174.00	1,974.8	-552.3	54.8	555.0	0.67	0.65	0.43
2,174.0	25.10	174.20	2,059.7	-592.4	58.9	595.3	0.64	-0.64	0.21
2,268.0	25.50	175.60	2,144.7	-632.4	62.5	635.5	0.77	0.43	1.49
2,362.0	25.10	174.70	2,229.6	-672.4	65.9	675.6	0.59	-0.43	-0.96
2,455.0	24.90	175.70	2,313.9	-711.6	69.2	714.9	0.50	-0.22	1.08
2,549.0	25.50	174.90	2,399.0	-751.5	72.5	754.9	0.73	0.64	-0.85
2,643.0	27.30	174.50	2,483.2	-793.1	76.3	796.7	1.92	1.91	-0.43
2,736.0	26.60	173.50	2,566.1	-835.0	80.7	838.9	0.90	-0.75	-1.08
2,830.0	26.50	174.00	2,650.2	-876.8	85.3	880.9	0.26	-0.11	0.53
2,924.0	27.40	175.00	2,734.0	-919.2	89.4	923.5	1.07	0.96	1.06
3,017.0	26.60	173.30	2,816.8	-961.2	93.7	965.7	1.20	-0.86	-1.83
3,111.0	26.50	173.80	2,900.9	-1,002.9	98.4	1,007.7	0.26	-0.11	0.53
3,205.0	26.60	174.70	2,985.0	-1,044.7	102.6	1,049.7	0.44	0.11	0.96
3,298.0	26.70	174.50	3,068.1	-1,086.3	106.5	1,091.5	0.14	0.11	-0.22
3,392.0	26.30	175.60	3,152.2	-1,128.0	110.2	1,133.4	0.67	-0.43	1.17
3,486.0	26.20	174.90	3,236.5	-1,169.5	113.6	1,175.0	0.35	-0.11	-0.74
3,580.0	26.40	173.10	3,320.8	-1,210.9	118.0	1,216.6	0.87	0.21	-1.91
3,673.0	25.30	174.00	3,404.5	-1,251.2	122.5	1,257.1	1.26	-1.18	0.97
3,767.0	26.10	173.60	3,489.2	-1,291.7	126.9	1,297.9	0.87	0.85	-0.43
3,861.0	25.10	174.20	3,574.0	-1,332.1	131.3	1,338.5	1.10	-1.06	0.64
3,954.0	24.40	174.30	3,658.4	-1,370.8	135.2	1,377.5	0.75	-0.75	0.11
4,048.0	24.80	174.90	3,743.9	-1,409.8	138.8	1,416.6	0.50	0.43	0.64
4,142.0	25.10	174.90	3,829.1	-1,449.3	142.4	1,456.2	0.32	0.32	0.00
4,235.0	26.10	175.20	3,913.0	-1,489.3	145.8	1,496.4	1.08	1.08	0.32
4,329.0	26.50	174.70	3,997.3	-1,530.8	149.5	1,538.1	0.49	0.43	-0.53
4,423.0	26.80	174.30	4,081.3	-1,572.8	153.5	1,580.2	0.37	0.32	-0.43
4,516.0	25.80	174.30	4,164.7	-1,613.8	157.6	1,621.4	1.08	-1.08	0.00
4,610.0	27.00	174.00	4,248.9	-1,655.3	161.9	1,663.2	1.28	1.28	-0.32
4,704.0	26.80	173.10	4,332.7	-1,697.6	166.7	1,705.7	0.48	-0.21	-0.96
4,797.0	27.80	173.10	4,415.3	-1,739.9	171.8	1,748.4	1.08	1.08	0.00
4,891.0	27.40	172.90	4,498.6	-1,783.2	177.1	1,791.9	0.44	-0.43	-0.21
4,985.0	26.60	175.00	4,582.4	-1,825.6	181.6	1,834.6	1.32	-0.85	2.23
5,079.0	26.60	175.40	4,666.4	-1,867.5	185.1	1,876.7	0.19	0.00	0.43
5,172.0	25.00	176.60	4,750.2	-1,907.9	188.0	1,917.1	1.81	-1.72	1.29
5,266.0	24.70	176.40	4,835.5	-1,947.3	190.4	1,956.6	0.33	-0.32	-0.21
5,360.0	23.40	176.40	4,921.3	-1,985.6	192.8	1,994.9	1.38	-1.38	0.00
5,453.0	22.60	176.40	5,006.9	-2,021.8	195.1	2,031.2	0.86	-0.86	0.00
5,547.0	19.80	176.10	5,094.5	-2,055.8	197.3	2,065.2	2.98	-2.98	-0.32
5,641.0	17.30	176.80	5,183.6	-2,085.6	199.1	2,095.0	2.67	-2.66	0.74
5,734.0	16.10	175.70	5,272.7	-2,112.3	200.9	2,121.7	1.33	-1.29	-1.18
5,828.0	14.10	177.00	5,363.5	-2,136.7	202.5	2,146.2	2.16	-2.13	1.38
5,922.0	12.10	177.30	5,455.0	-2,158.0	203.5	2,167.5	2.13	-2.13	0.32
6,015.0	10.50	180.30	5,546.2	-2,176.2	203.9	2,185.6	1.83	-1.72	3.23

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Site:	Baldridge & Schneider Pad Sec.36-T7N-R67W	MD Reference:	WELL @ 4892.0ft (Original Well Elev)
Well:	Baldridge 7-1	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

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)
6,109.0	8.60	180.10	5,638.9	-2,191.8	203.9	2,201.1	2.02	-2.02	-0.21
6,203.0	7.20	180.70	5,732.0	-2,204.7	203.8	2,214.0	1.49	-1.49	0.64
6,297.0	6.00	183.70	5,825.4	-2,215.5	203.4	2,224.7	1.33	-1.28	3.19
6,390.0	4.50	182.60	5,918.0	-2,224.0	202.9	2,233.1	1.62	-1.61	-1.18
6,484.0	2.60	182.00	6,011.8	-2,229.8	202.7	2,238.8	2.02	-2.02	-0.64
6,572.0	3.07	191.74	6,099.7	-2,234.1	202.1	2,243.1	0.76	0.53	11.08
TARGET BHL 1989'FNL, 1974'FEL									
6,578.0	3.10	192.30	6,105.7	-2,234.4	202.1	2,243.4	0.76	0.57	9.25
6,671.0	1.20	190.20	6,198.6	-2,237.8	201.4	2,246.7	2.04	-2.04	-2.26
6,765.0	0.40	235.90	6,292.6	-2,239.0	200.9	2,247.8	1.03	-0.85	48.62
6,859.0	0.70	261.70	6,386.6	-2,239.3	200.1	2,248.0	0.41	0.32	27.45
6,952.0	0.80	274.40	6,479.6	-2,239.3	198.9	2,247.9	0.21	0.11	13.66
7,046.0	0.80	300.90	6,573.6	-2,238.9	197.6	2,247.4	0.39	0.00	28.19
7,140.0	1.10	260.30	6,667.6	-2,238.7	196.2	2,247.0	0.76	0.32	-43.19
7,233.0	1.00	237.40	6,760.6	-2,239.3	194.6	2,247.5	0.46	-0.11	-24.62
7,327.0	0.90	237.30	6,854.6	-2,240.2	193.3	2,248.2	0.11	-0.11	-0.11
7,421.0	1.00	267.90	6,948.5	-2,240.6	191.9	2,248.4	0.54	0.11	32.55
7,431.8	1.00	269.73	6,959.4	-2,240.6	191.7	2,248.4	0.30	-0.04	16.88
LEGAL BOX 400' X 400' 1994'FNL & 1972'FEL - TARGET CIRCLE 1989'FNL & 1974'FEL									
7,514.0	1.00	283.80	7,041.5	-2,240.4	190.3	2,248.1	0.30	0.00	17.13
7,608.0	0.50	325.00	7,135.5	-2,239.9	189.2	2,247.5	0.75	-0.53	43.83
7,702.0	0.50	24.20	7,229.5	-2,239.2	189.2	2,246.8	0.53	0.00	62.98
7,796.0	0.40	55.50	7,323.5	-2,238.6	189.6	2,246.3	0.28	-0.11	33.30
7,915.0	0.30	88.20	7,442.5	-2,238.4	190.3	2,246.1	0.18	-0.08	27.48

Wellbore Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
TARGET BHL 1989'F	0.00	0.00	6,100.0	-2,230.7	229.9	1,432,223.13	3,183,677.36	40.517975	-104.839345
- hit/miss target									
- Shape									
- survey misses target center by 28.0ft at 6572.0ft MD (6099.7 TVD, -2234.1 N, 202.1 E)									
- Point									
LEGAL BOX 400' X 400'	0.00	0.00	6,960.0	-2,235.7	231.9	1,432,218.17	3,183,679.36	40.517961	-104.839338
- survey misses target center by 40.5ft at 7431.8ft MD (6959.3 TVD, -2240.6 N, 191.7 E)									
- Rectangle (sides W400.0 H400.0 D465.0)									
TARGET CIRCLE 1989'F	0.00	0.00	6,960.0	-2,230.7	229.9	1,432,223.13	3,183,677.36	40.517975	-104.839345
- survey misses target center by 39.5ft at 7431.8ft MD (6959.3 TVD, -2240.6 N, 191.7 E)									
- Circle (radius 75.0)									

Checked By: _____	Approved By: _____	Date: _____
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