

Well Name: **Badding 2-26SX**

Surface Location: Badding 17-26 Pad Sec.26-T2N-R66W
North American Datum 1983 US State Plane 1983 Colorado Northern Zone

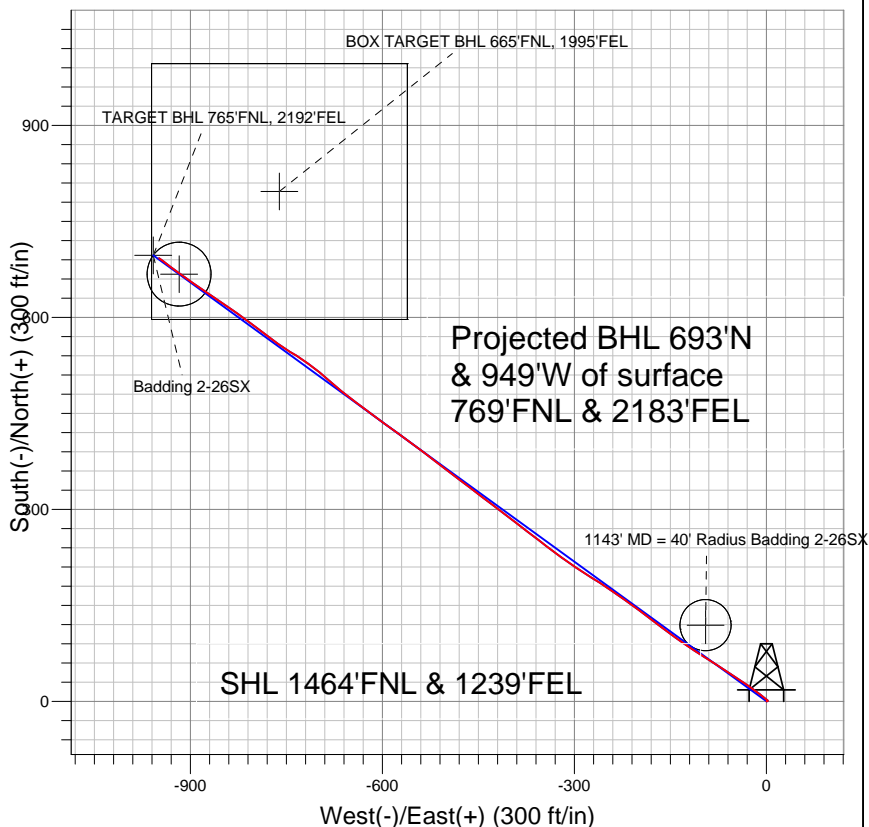
Ground Elevation: 5067.0

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
0.0	0.0	1284729.63	3212740.02	40.112471	-104.739367

Original Well Elev WELL @ 5081.0ft (Original Well Elev)

Slot

Anadarko, Weld County CO



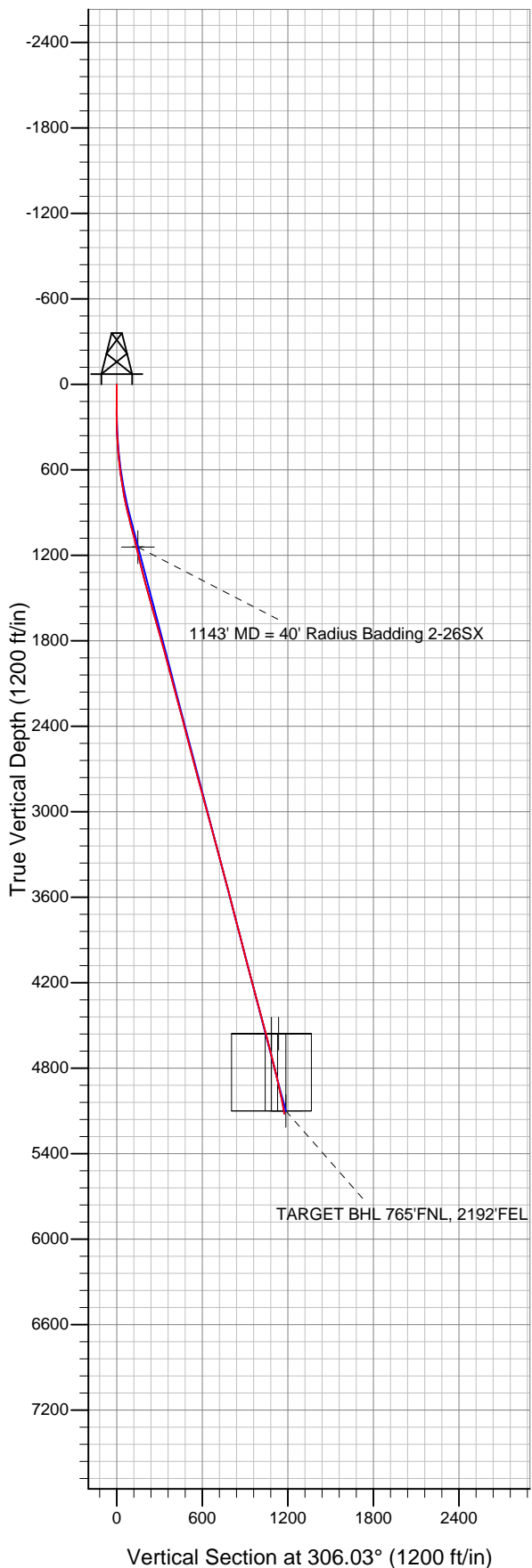
LEGEND

- △ Badding 2-26SX, Wellbore #1, Plan #2 (5-24-11) V0
- Wellbore #1
- Survey #1

Final Survey Plot

Projected Final Survey -
5267'MD & 5120'TVD @ 1175'VS
9.7 deg Inc 307.0 deg AZ

Project: SEC.26-T2N-R66W
Site: Badding 17-26 Pad Sec.26-T2N-R66W
Well: Badding 2-26SX
Plan: Wellbore #1





Directional

Anadarko, Weld County CO

SEC.26-T2N-R66W

Badding 17-26 Pad Sec.26-T2N-R66W

Badding 2-26SX

Wellbore #1

Survey: Survey #1

Standard Survey Report

13 July, 2011

Company:	Anadarko, Weld County CO	Local Co-ordinate Reference:	Well Badding 2-26SX
Project:	SEC.26-T2N-R66W	TVD Reference:	WELL @ 5081.0ft (Original Well Elev)
Site:	Badding 17-26 Pad Sec.26-T2N-R66W	MD Reference:	WELL @ 5081.0ft (Original Well Elev)
Well:	Badding 2-26SX	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	Landmark

Project	SEC.26-T2N-R66W, 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	Badding 17-26 Pad Sec.26-T2N-R66W		
Site Position:		Northing:	1,284,730.44 ft
From:	Lat/Long	Easting:	3,212,820.01 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40.112471
		Longitude:	-104.739081
		Grid Convergence:	0.49 °

Well	Badding 2-26SX		
Well Position	+N/-S	0.0 ft	Northing:
	+E/-W	0.0 ft	Easting:
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	40.112471
		Longitude:	-104.739367
		Ground Level:	5,067.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/9/2011	8.84	66.83	52,992

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	5,100.0	0.0	0.0	306.03	

Survey Program	Date	7/13/2011			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
118.0	5,267.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

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	
118.0	1.00	71.00	118.0	0.3	1.0	-0.6	0.85	0.85	0.00	
210.0	0.40	39.00	210.0	0.8	1.9	-1.1	0.75	-0.65	-34.78	
303.0	1.40	310.40	303.0	1.8	1.3	0.0	1.56	1.08	-95.27	
413.0	4.00	307.00	412.8	5.0	-2.8	5.2	2.37	2.36	-3.09	
501.0	5.40	309.30	500.5	9.5	-8.5	12.4	1.60	1.59	2.61	
590.0	6.70	307.80	589.0	15.3	-15.8	21.8	1.47	1.46	-1.69	
679.0	8.30	305.40	677.3	22.2	-25.2	33.4	1.83	1.80	-2.70	
767.0	10.70	303.70	764.1	30.4	-37.1	47.9	2.75	2.73	-1.93	
856.0	12.30	303.00	851.3	40.2	-52.0	65.7	1.80	1.80	-0.79	
945.0	13.80	303.50	938.0	51.2	-68.8	85.7	1.69	1.69	0.56	
1,033.0	14.90	302.20	1,023.2	63.0	-87.1	107.5	1.30	1.25	-1.48	
1,155.0	13.80	303.00	1,141.4	79.3	-112.6	137.7	0.92	-0.90	0.66	

Company:	Anadarko, Weld County CO	Local Co-ordinate Reference:	Well Badding 2-26SX
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Site:	Badding 17-26 Pad Sec.26-T2N-R66W	MD Reference:	WELL @ 5081.0ft (Original Well Elev)
Well:	Badding 2-26SX	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)
1,157.4	13.79	303.03	1,143.7	79.6	-113.0	138.2	0.45	-0.34	1.21
1143' MD = 40' Radius Badding 2-26SX									
1,244.0	13.50	304.10	1,227.9	90.9	-130.1	158.7	0.45	-0.34	1.24
1,333.0	14.10	306.70	1,314.3	103.2	-147.4	179.9	0.97	0.67	2.92
1,421.0	15.00	308.00	1,399.5	116.6	-164.9	202.0	1.09	1.02	1.48
1,510.0	15.20	306.50	1,485.4	130.7	-183.4	225.2	0.49	0.22	-1.69
1,599.0	15.70	306.50	1,571.2	144.8	-202.4	248.9	0.56	0.56	0.00
1,687.0	15.70	305.50	1,656.0	158.8	-221.7	272.7	0.31	0.00	-1.14
1,776.0	15.40	304.40	1,741.7	172.4	-241.3	296.5	0.47	-0.34	-1.24
1,864.0	15.80	303.10	1,826.5	185.6	-260.9	320.2	0.60	0.45	-1.48
1,953.0	15.60	302.20	1,912.1	198.6	-281.2	344.2	0.35	-0.22	-1.01
2,042.0	14.80	303.60	1,998.0	211.2	-300.8	367.5	0.99	-0.90	1.57
2,130.0	14.50	306.50	2,083.2	224.0	-319.0	389.8	0.90	-0.34	3.30
2,219.0	15.10	307.30	2,169.2	237.7	-337.2	412.5	0.71	0.67	0.90
2,308.0	15.20	307.20	2,255.1	251.7	-355.7	435.8	0.12	0.11	-0.11
2,396.0	15.00	307.80	2,340.1	265.7	-373.9	458.7	0.29	-0.23	0.68
2,485.0	14.50	308.00	2,426.1	279.6	-391.8	481.3	0.56	-0.56	0.22
2,574.0	14.80	306.80	2,512.2	293.3	-409.7	503.8	0.48	0.34	-1.35
2,662.0	15.10	306.90	2,597.3	306.9	-427.8	526.5	0.34	0.34	0.11
2,751.0	14.60	307.20	2,683.3	320.6	-446.0	549.3	0.57	-0.56	0.34
2,839.0	14.70	308.00	2,768.4	334.2	-463.7	571.6	0.26	0.11	0.91
2,928.0	14.70	307.10	2,854.5	348.0	-481.6	594.1	0.26	0.00	-1.01
3,017.0	14.90	307.60	2,940.6	361.8	-499.7	616.9	0.27	0.22	0.56
3,105.0	15.00	307.30	3,025.6	375.6	-517.7	639.6	0.14	0.11	-0.34
3,194.0	15.70	307.10	3,111.4	389.8	-536.4	663.1	0.79	0.79	-0.22
3,283.0	15.20	306.50	3,197.2	404.0	-555.4	686.8	0.59	-0.56	-0.67
3,371.0	15.40	306.10	3,282.1	417.8	-574.1	710.1	0.26	0.23	-0.45
3,460.0	14.70	305.20	3,368.0	431.3	-592.9	733.2	0.83	-0.79	-1.01
3,549.0	14.90	307.50	3,454.1	444.7	-611.2	755.9	0.70	0.22	2.58
3,637.0	14.60	306.50	3,539.2	458.2	-629.1	778.3	0.45	-0.34	-1.14
3,726.0	14.20	306.30	3,625.4	471.3	-646.9	800.4	0.45	-0.45	-0.22
3,815.0	14.50	309.60	3,711.6	484.9	-664.3	822.5	0.98	0.34	3.71
3,903.0	14.90	311.60	3,796.7	499.4	-681.3	844.7	0.73	0.45	2.27
3,992.0	14.30	309.10	3,882.8	514.0	-698.3	867.1	0.98	-0.67	-2.81
4,080.0	14.90	306.10	3,968.0	527.5	-715.9	889.2	1.10	0.68	-3.41
4,169.0	14.70	303.30	4,054.1	540.4	-734.6	912.0	0.83	-0.22	-3.15
4,258.0	14.60	301.00	4,140.2	552.4	-753.7	934.4	0.66	-0.11	-2.58
4,346.0	14.60	307.90	4,225.3	564.9	-771.9	956.6	1.98	0.00	7.84
4,435.0	15.20	307.30	4,311.3	578.9	-790.0	979.4	0.70	0.67	-0.67
4,524.0	15.30	306.50	4,397.2	593.0	-808.8	1,002.8	0.26	0.11	-0.90
4,612.0	14.00	306.00	4,482.3	606.1	-826.7	1,025.1	1.48	-1.48	-0.57
4,698.2	14.87	304.06	4,565.8	618.4	-844.3	1,046.6	1.16	1.01	-2.25
BOX TARGET BHL 665'FNL, 1995'FEL									
4,701.0	14.90	304.00	4,568.5	618.8	-844.9	1,047.3	1.16	1.02	-2.12
4,712.6	14.93	304.05	4,579.7	620.5	-847.4	1,050.3	0.25	0.22	0.45
TARGET CIRCLE 794'FNL, 2152'FEL									
4,790.0	15.10	304.40	4,654.5	631.8	-864.0	1,070.3	0.25	0.22	0.45
4,878.0	14.00	303.60	4,739.7	644.2	-882.3	1,092.4	1.27	-1.25	-0.91
4,967.0	13.50	305.80	4,826.1	656.2	-899.7	1,113.6	0.81	-0.56	2.47
5,055.0	13.20	305.70	4,911.7	668.1	-916.2	1,133.9	0.34	-0.34	-0.11
5,144.0	11.70	307.00	4,998.6	679.4	-931.6	1,153.1	1.71	-1.69	1.46
5,221.0	9.70	307.00	5,074.3	688.0	-943.0	1,167.4	2.60	-2.60	0.00
5,249.3	9.70	307.00	5,102.2	690.9	-946.9	1,172.1	0.00	0.00	0.00
TARGET BHL 765'FNL, 2192'FEL									

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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)
5,267.0	9.70	307.00	5,119.6	692.7	-949.2	1,175.1	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____