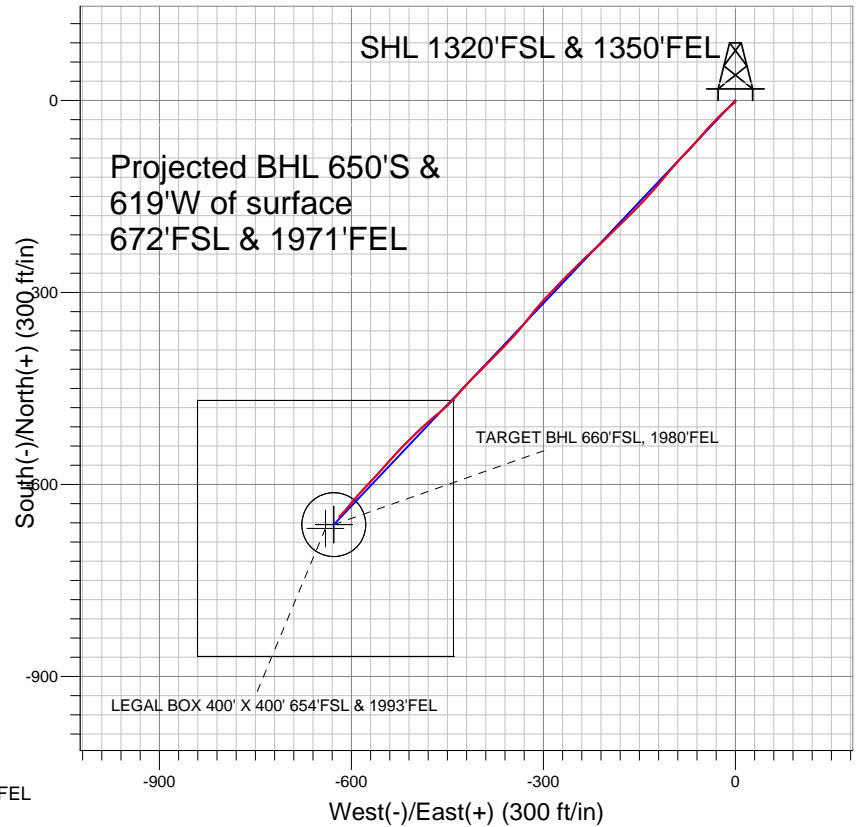
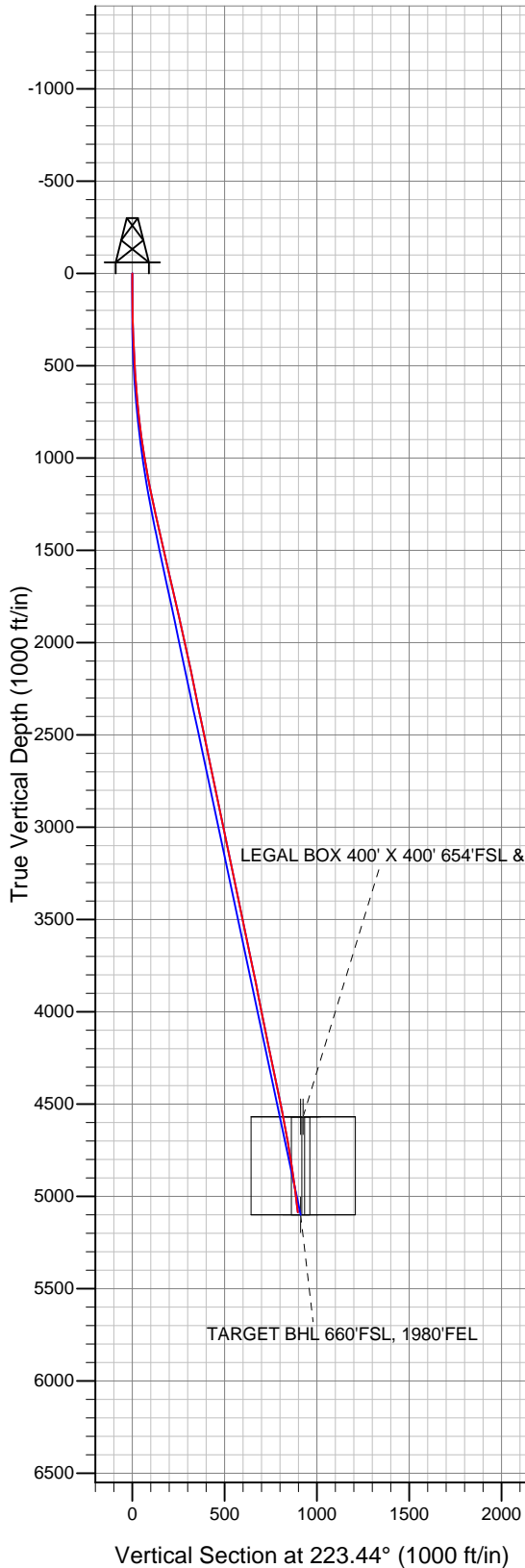


Anadarko, Weld County CO



LEGEND

- Badding 15-26SX, Wellbore #1, Plan #2 (3-25-11) V0
- Wellbore #1
- Survey #1

Final Survey Plot

Projected Final Survey -
5175'MD & 5087'TVD @ 898'VS
7.3 deg Inc 224.3 deg AZ

Project: SEC.26-T2N-R66W
Site: Badding 20-26 Pad Sec.26-T2N-R66W
Well: Badding 15-26SX
Plan: Wellbore #1



Directional

Anadarko, Weld County CO

SEC.26-T2N-R66W

Badding 20-26 Pad Sec.26-T2N-R66W

Badding 15-26SX

Wellbore #1

Survey: Survey #1

Standard Survey Report

23 May, 2011

Company:	Anadarko, Weld County CO	Local Co-ordinate Reference:	Well Badding 15-26SX
Project:	SEC.26-T2N-R66W	TVD Reference:	WELL @ 5103.0ft (Original Well Elev)
Site:	Badding 20-26 Pad Sec.26-T2N-R66W	MD Reference:	WELL @ 5103.0ft (Original Well Elev)
Well:	Badding 15-26SX	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 20-26 Pad Sec.26-T2N-R66W		
Site Position:		Northing:	1,282,247.28 ft
From:	Lat/Long	Easting:	3,212,676.00 ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	40.105658
		Longitude:	-104.739672
		Grid Convergence:	0.49 °

Well	Badding 15-26SX		
Well Position	+N/-S	0.0 ft	Northing: 1,282,246.82 ft
	+E/-W	0.0 ft	Easting: 3,212,665.93 ft
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	40.105657
		Longitude:	-104.739708
		Ground Level:	5,089.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/18/2011	8.86	66.82	53,003

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 (°)	
	0.0	0.0	0.0	223.44	

Survey Program	Date	5/23/2011			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
56.0	5,175.0	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	
56.0	0.60	170.80	56.0	-0.3	0.0	0.2	1.07	1.07	0.00	
149.0	1.10	192.00	149.0	-1.6	-0.1	1.2	0.63	0.54	22.80	
241.0	1.00	232.50	241.0	-3.0	-0.9	2.8	0.80	-0.11	44.02	
334.0	2.20	233.30	333.9	-4.6	-3.0	5.3	1.29	1.29	0.86	
413.0	2.60	229.40	412.9	-6.6	-5.5	8.6	0.55	0.51	-4.94	
501.0	3.50	226.60	500.7	-9.8	-9.0	13.3	1.04	1.02	-3.18	
590.0	4.40	232.50	589.5	-13.7	-13.7	19.4	1.11	1.01	6.63	
679.0	4.80	225.80	678.2	-18.4	-19.1	26.5	0.75	0.45	-7.53	
767.0	6.00	221.50	765.9	-24.4	-24.7	34.7	1.44	1.36	-4.89	
856.0	7.90	226.30	854.2	-32.1	-32.3	45.5	2.23	2.13	5.39	
945.0	8.50	220.20	942.3	-41.4	-40.9	58.2	1.19	0.67	-6.85	
1,033.0	9.80	222.00	1,029.2	-51.9	-50.1	72.2	1.51	1.48	2.05	

Company:	Anadarko, Weld County CO	Local Co-ordinate Reference:	Well Badding 15-26SX
Project:	SEC.26-T2N-R66W	TVD Reference:	WELL @ 5103.0ft (Original Well Elev)
Site:	Badding 20-26 Pad Sec.26-T2N-R66W	MD Reference:	WELL @ 5103.0ft (Original Well Elev)
Well:	Badding 15-26SX	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)
1,111.0	10.20	220.80	1,106.0	-62.1	-59.1	85.7	0.58	0.51	-1.54
1,169.0	10.50	222.20	1,163.0	-69.9	-66.0	96.1	0.67	0.52	2.41
1,257.0	12.30	224.30	1,249.3	-82.5	-77.9	113.5	2.10	2.05	2.39
1,346.0	13.20	223.00	1,336.1	-96.7	-91.5	133.1	1.06	1.01	-1.46
1,435.0	12.90	218.00	1,422.8	-112.0	-104.5	153.2	1.31	-0.34	-5.62
1,523.0	12.90	221.20	1,508.6	-127.1	-117.0	172.8	0.81	0.00	3.64
1,612.0	13.20	221.10	1,595.3	-142.3	-130.3	192.9	0.34	0.34	-0.11
1,698.0	13.30	222.90	1,679.0	-156.9	-143.5	212.6	0.49	0.12	2.09
1,787.0	12.60	226.00	1,765.7	-171.1	-157.4	232.5	1.11	-0.79	3.48
1,876.0	12.80	224.50	1,852.6	-184.9	-171.3	252.1	0.43	0.22	-1.69
1,964.0	12.50	227.00	1,938.4	-198.4	-185.1	271.3	0.71	-0.34	2.84
2,051.0	12.00	223.60	2,023.4	-211.3	-198.2	289.7	1.01	-0.57	-3.91
2,140.0	11.80	227.70	2,110.5	-224.2	-211.3	308.1	0.98	-0.22	4.61
2,228.0	11.60	227.70	2,196.7	-236.2	-224.5	325.9	0.23	-0.23	0.00
2,317.0	12.00	225.40	2,283.8	-248.7	-237.7	344.0	0.69	0.45	-2.58
2,406.0	12.20	225.40	2,370.8	-261.8	-251.0	362.7	0.22	0.22	0.00
2,494.0	11.30	225.70	2,457.0	-274.3	-263.8	380.6	1.03	-1.02	0.34
2,583.0	11.70	222.80	2,544.2	-287.1	-276.2	398.3	0.79	0.45	-3.26
2,671.0	12.30	222.60	2,630.3	-300.5	-288.6	416.6	0.68	0.68	-0.23
2,760.0	11.30	223.30	2,717.4	-313.8	-301.0	434.8	1.14	-1.12	0.79
2,847.0	11.40	218.90	2,802.7	-326.7	-312.2	451.9	1.00	0.11	-5.06
2,935.0	12.00	217.80	2,888.9	-340.7	-323.3	469.7	0.73	0.68	-1.25
3,024.0	12.00	220.90	2,975.9	-355.0	-335.0	488.1	0.72	0.00	3.48
3,113.0	12.00	220.90	3,063.0	-369.0	-347.1	506.6	0.00	0.00	0.00
3,201.0	12.00	224.20	3,149.1	-382.5	-359.5	524.9	0.78	0.00	3.75
3,290.0	11.60	225.20	3,236.2	-395.4	-372.3	543.1	0.50	-0.45	1.12
3,379.0	11.80	224.80	3,323.3	-408.2	-385.1	561.1	0.24	0.22	-0.45
3,467.0	11.40	225.10	3,409.5	-420.7	-397.6	578.8	0.46	-0.45	0.34
3,556.0	12.00	224.20	3,496.7	-433.5	-410.3	596.9	0.70	0.67	-1.01
3,644.0	12.00	221.00	3,582.8	-447.0	-422.6	615.2	0.76	0.00	-3.64
3,733.0	11.50	221.90	3,669.9	-460.6	-434.6	633.3	0.60	-0.56	1.01
3,822.0	11.80	226.10	3,757.1	-473.5	-447.1	651.2	1.01	0.34	4.72
3,910.0	11.80	229.20	3,843.2	-485.6	-460.4	669.2	0.72	0.00	3.52
3,999.0	11.30	230.60	3,930.4	-497.1	-474.0	686.9	0.64	-0.56	1.57
4,088.0	11.30	226.40	4,017.7	-508.7	-487.1	704.2	0.92	0.00	-4.72
4,176.0	11.30	225.40	4,104.0	-520.7	-499.5	721.5	0.22	0.00	-1.14
4,265.0	11.50	225.90	4,191.2	-532.9	-512.0	739.1	0.25	0.22	0.56
4,354.0	12.80	223.60	4,278.2	-546.3	-525.2	757.8	1.56	1.46	-2.58
4,442.0	12.00	220.90	4,364.2	-560.2	-537.9	776.7	1.12	-0.91	-3.07
4,531.0	10.90	223.20	4,451.4	-573.4	-549.7	794.3	1.34	-1.24	2.58
4,620.0	11.00	222.10	4,538.8	-585.8	-561.2	811.2	0.26	0.11	-1.24
4,668.8	10.89	222.60	4,586.7	-592.7	-567.4	820.5	0.30	-0.23	1.01
TARGET CIRCLE 660'FSL & 1980'FEL									
4,671.2	10.88	222.62	4,589.1	-593.0	-567.8	820.9	0.30	-0.23	1.03
LEGAL BOX 400' X 400' 654'FSL & 1993'FEL									
4,708.0	10.80	223.00	4,625.2	-598.1	-572.5	827.9	0.30	-0.23	1.03
4,797.0	10.30	222.90	4,712.7	-610.0	-583.6	844.2	0.56	-0.56	-0.11
4,885.0	8.70	220.20	4,799.5	-620.8	-593.2	858.7	1.89	-1.82	-3.07
4,974.0	8.00	219.80	4,887.5	-630.7	-601.5	871.6	0.79	-0.79	-0.45
5,063.0	7.30	219.50	4,975.7	-639.9	-609.1	883.4	0.79	-0.79	-0.34
5,129.0	7.30	224.30	5,041.2	-646.1	-614.7	891.8	0.92	0.00	7.27
5,175.0	7.30	224.30	5,086.8	-650.3	-618.8	897.6	0.00	0.00	0.00
TARGET BHL 660'FSL, 1980'FEL									

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Checked By: _____ Approved By: _____ Date: _____