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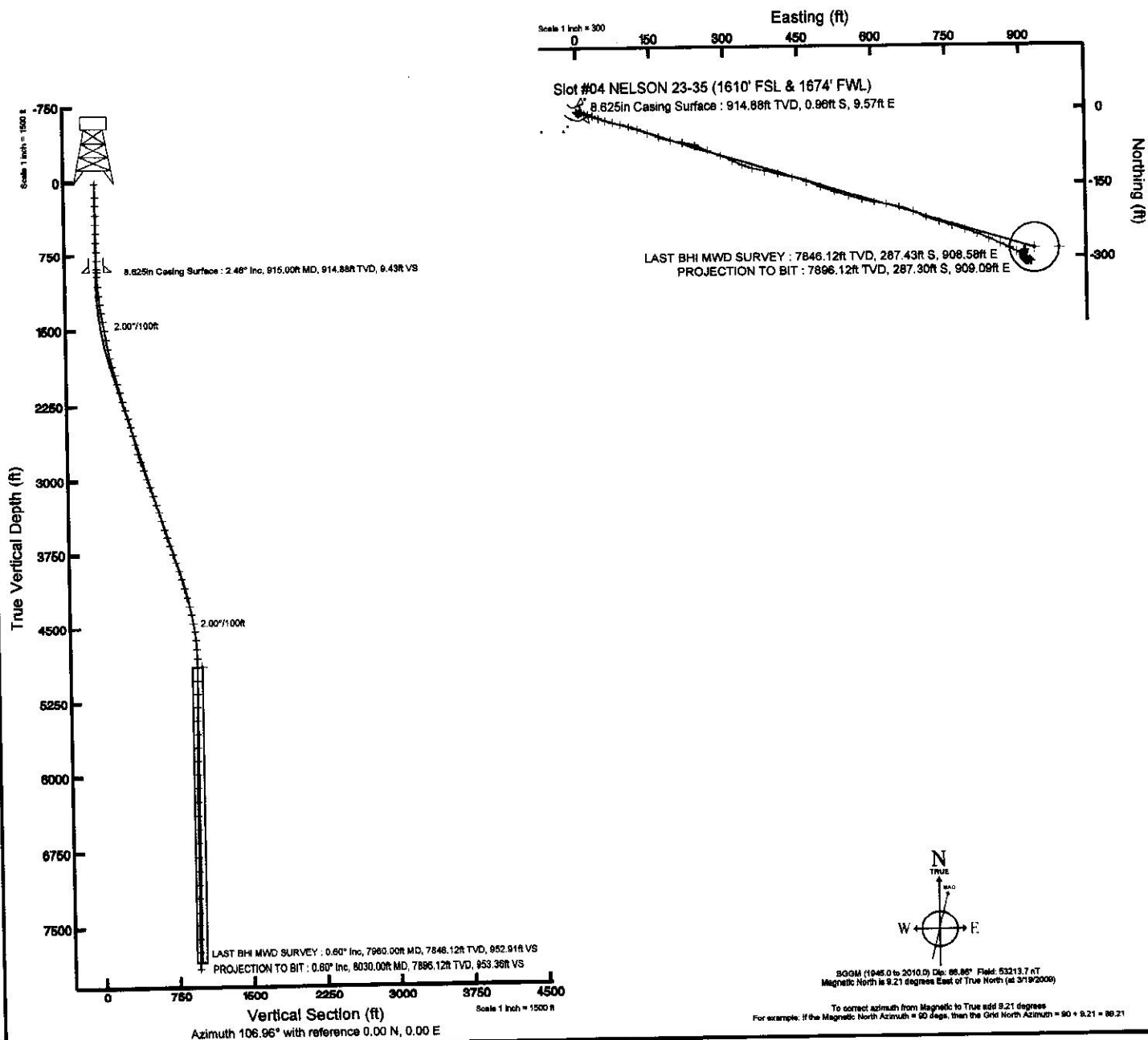
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BAKER
HUGHES**Anadarko**
Petroleum Corporation**ANADARKO PETROLEUM**

Location: COLORADO Slot: Slot #04 NELSON 23-35 (1610' FSL & 1674' FWL)
Field: WELD COUNTY (ANADARKO) Well: NELSON 23-35
Facility: SEC.35-T2N-R68W Wellbore: NELSON 23-35 PWB

Plot reference wellpath is NELSON 23-35 Rev A.0.	
True vertical depths are referenced to XTREME 12 (RT)	Grid System: NAD83 / Lambert Colorado State Plane, Northern Zone (501), US foot
Measured depths are referenced to XTREME 12 (RT)	North Reference: True north
XTREME 12 (RT) to Mean Sea Level: 4904 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: SEC.35-T2N-R68W): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: cookdenn on 4/14/2009

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Actual Wellpath Report

NELSON 23-35 AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANADARKO PETROLEUM	Slot	Slot #04 NELSON 23-35 (1610' FSL & 1674' FWL)
Area	COLORADO	Well	NELSON 23-35
Field	WELD COUNTY (ANADARKO)	Wellbore	NELSON 23-35 AWP
Facility	SEC.35-T2N-R68W		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet	Software System	WellArchitect® 2.0
North Reference	True	User	Cookdanm
Scale	0.999961	Report Generated	4/14/2009 at 10:38:11 AM
Convergence at slot	0.34° East	Database/Source file	WellArchitect_Denver/NELSON_23-35_AWP.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	40.07	25.18	3147186.07	1276836.88	40°05'31.596"N	104°58'26.076"W
Facility Reference Pt			3147161.13	1276796.66	40°05'31.200"N	104°58'26.400"W
Field Reference Pt			3197771.84	1268891.29	40°04'09.600"N	104°47'36.000"W

WELLPATH DATUM

Calculation method	Minimum curvature	XTREME 12 (RT) to Facility Vertical Datum	4984.00ft
Horizontal Reference Pt	Slot	XTREME 12 (RT) to Mean Sea Level	4984.00ft
Vertical Reference Pt	XTREME 12 (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	XTREME 12 (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	106.96°

Actual Wellpath Report

NELSON 23-35 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ANADARKO PETROLEUM	Slot	Slot #04 NELSON 23-35 (1610' FSL & 1674' FWL)
Area	COLORADO	Well	NELSON 23-35
Field	WELD COUNTY (ANADARKO)	Wellbore	NELSON 23-35 AWB
Facility	SEC.35-T2N-R68W		

WELLPATH DATA (80 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	60.600	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	60.600	15.00	0.00	0.00	0.00	0.00	
147.00	0.500	60.600	147.00	0.40	0.28	0.50	0.38	
240.00	1.200	131.600	239.99	1.56	-0.16	1.58	1.23	
335.00	1.000	153.400	334.97	3.04	-1.57	2.70	0.48	
428.00	0.800	170.700	427.96	3.88	-2.93	3.17	0.36	
521.00	0.500	62.400	520.96	4.46	-3.39	3.63	1.15	
614.00	0.600	69.800	613.95	5.14	-3.03	4.45	0.13	
707.00	0.800	50.400	706.95	5.88	-2.45	5.41	0.33	
801.00	0.900	35.300	800.94	6.48	-1.43	6.34	0.26	
884.00	2.200	90.500	883.91	8.21	-0.91	8.31	2.22	
965.00	2.900	99.000	964.83	11.73	-1.24	11.89	0.98	
1056.00	4.000	112.700	1055.66	17.17	-2.83	17.09	1.50	
1146.00	5.700	106.700	1145.34	24.76	-5.32	24.27	1.97	
1237.00	7.700	113.000	1235.71	35.35	-9.00	34.21	2.34	
1327.00	8.900	111.300	1324.77	48.28	-13.89	46.24	1.36	
1417.00	9.600	107.000	1413.60	62.73	-18.61	59.91	1.09	
1507.00	10.200	104.200	1502.26	78.20	-22.76	74.81	0.85	
1598.00	10.600	103.900	1591.76	94.60	-26.75	90.75	0.44	
1688.00	11.100	107.700	1680.16	111.53	-31.37	107.03	0.97	
1779.00	12.800	107.700	1769.18	130.37	-37.10	124.98	1.87	
1869.00	15.000	111.600	1856.54	151.95	-44.42	145.31	2.66	
1960.00	15.600	108.500	1944.32	175.92	-52.64	167.87	1.11	
2050.00	16.200	101.800	2030.88	200.52	-59.05	191.63	2.14	
2140.00	15.800	97.200	2117.40	225.10	-63.15	216.08	1.48	
2231.00	17.000	108.100	2204.71	250.62	-68.84	241.02	3.62	
2321.00	19.300	114.800	2290.24	278.52	-79.16	267.04	3.45	
2412.00	16.900	110.900	2376.73	306.61	-90.19	293.05	2.95	
2503.00	15.600	116.900	2464.10	331.87	-100.45	316.32	2.33	
2593.00	13.300	112.700	2551.25	354.09	-109.92	336.67	2.81	

Actual Wellpath Report

NELSON 23-35 AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANADARKO PETROLEUM	Slot	Slot #04 NELSON 23-35 (1610' FSL & 1674' FWL)
Area	COLORADO	Well	NELSON 23-35
Field	WELD COUNTY (ANADARKO)	Wellbore	NELSON 23-35 AWB
Facility	SEC.35-T2N-R68W		

WELLPATH DATA (80 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2682.00	14.900	104.600	2637.58	375.71	-116.76	357.19	2.85	
2773.00	17.000	101.100	2725.07	400.64	-122.27	381.57	2.54	
2864.00	19.100	102.500	2811.59	428.72	-128.05	409.16	2.36	
2954.00	19.100	105.600	2896.63	458.12	-135.20	437.72	1.13	
3045.00	19.900	108.400	2982.42	488.49	-144.09	466.75	1.35	
3135.00	19.700	111.300	3067.10	518.93	-154.44	495.42	1.11	
3225.00	19.300	108.500	3151.94	548.92	-164.67	523.66	1.13	
3316.00	19.100	106.000	3237.88	578.84	-173.54	552.23	0.93	
3405.00	17.500	106.000	3322.37	606.78	-181.24	579.10	1.80	
3496.00	15.400	99.300	3409.65	632.44	-186.97	604.18	3.11	
3586.00	16.400	100.400	3496.21	656.91	-191.19	628.47	1.16	
3676.00	18.200	106.000	3582.14	683.59	-197.36	654.48	2.72	
3767.00	19.900	113.000	3668.16	713.20	-207.33	682.40	3.13	
3857.00	17.800	111.600	3753.33	742.15	-218.38	709.29	2.39	
3948.00	17.500	108.100	3840.05	769.69	-227.75	735.23	1.21	
4038.00	17.800	107.800	3925.81	796.98	-236.16	761.19	0.35	
4129.00	17.100	107.400	4012.62	824.26	-244.42	787.20	0.78	
4219.00	17.000	112.700	4098.67	850.59	-253.45	811.97	1.73	
4309.00	16.700	114.100	4184.81	876.51	-263.81	835.91	0.56	
4400.00	14.800	114.500	4272.39	901.01	-273.97	858.42	2.09	
4490.00	11.500	116.200	4360.02	921.26	-282.70	876.94	3.69	
4580.00	9.600	118.300	4448.49	937.48	-290.22	891.60	2.15	
4671.00	7.700	118.300	4538.45	950.90	-296.71	903.65	2.09	
4762.00	5.100	127.800	4628.88	960.66	-302.08	912.21	3.08	
4852.00	4.400	131.300	4718.57	967.54	-306.81	917.97	0.84	
4943.00	1.400	141.500	4809.45	971.64	-309.98	921.28	3.33	
5033.00	1.000	297.600	4899.44	971.77	-310.48	921.27	2.61	
5168.00	1.500	256.800	5034.41	969.09	-310.34	918.51	0.73	
5303.00	1.200	260.000	5169.37	966.30	-310.99	915.39	0.23	
5438.00	1.100	274.700	5304.34	963.77	-311.12	912.71	0.23	

Actual Wellpath Report

NELSON 23-35 AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator **ANADARKO PETROLEUM**
Area **COLORADO**
Field **WELD COUNTY (ANADARKO)**
Facility **SEC.35-T2N-R68W**

Slot **Slot #04 NELSON 23-35 (1610' FSL & 1674' FWL)**
Well **NELSON 23-35**
Wellbore **NELSON 23-35 AWB**

WELLPATH DATA (80 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5574.00	0.700	292.700	5440.33	961.67	-310.70	910.64	0.36	
5709.00	0.700	306.700	5575.32	960.07	-309.89	909.22	0.13	
5844.00	0.500	335.200	5710.31	958.91	-308.86	908.31	0.26	
5980.00	0.800	308.800	5846.30	957.63	-307.73	907.32	0.31	
6115.00	1.200	296.000	5981.28	955.36	-306.51	905.32	0.34	
6250.00	1.300	354.200	6116.25	953.37	-304.37	903.89	0.90	
6389.00	1.300	8.300	6255.22	952.52	-301.24	903.96	0.23	
6525.00	0.800	20.200	6391.19	952.34	-298.82	904.51	0.40	
6661.00	0.800	16.300	6527.18	952.39	-297.02	905.11	0.04	
6797.00	0.700	28.700	6663.17	952.54	-295.38	905.77	0.14	
6933.00	0.700	20.600	6799.16	952.77	-293.88	906.46	0.07	
7069.00	0.600	1.600	6935.15	952.63	-292.39	906.78	0.17	
7205.00	0.500	352.900	7071.14	952.20	-291.09	906.72	0.10	
7340.00	0.400	313.800	7206.14	951.54	-290.18	906.31	0.23	
7476.00	0.400	310.300	7342.14	950.68	-289.54	905.60	0.02	
7612.00	0.400	38.100	7478.14	950.41	-288.86	905.54	0.41	
7747.00	0.700	62.800	7613.13	951.18	-288.11	906.56	0.28	
7883.00	0.400	77.200	7749.12	952.18	-287.63	907.76	0.24	
7980.00	0.600	76.100	7846.12	952.91	-287.43	908.58	0.21	LAST BHI MWD SURVEY
8030.00†	0.600	76.100	7896.12	953.36	-287.30	909.09	0.00	PROJECTION TO BIT

HOLE & CASING SECTIONS Ref Wellbore: NELSON 23-35 AWB Ref Wellpath: NELSON 23-35 AWP

String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
8.625in Casing Surface	0.00	915.00	915.00	0.00	914.88	0.00	0.00	-0.96	9.57

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Actual Wellpath Report

NELSON 23-35 AWP

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANADARKO PETROLEUM	Slot	Slot #04 NELSON 23-35 (1610' FSL & 1674' FWL)
Area	COLORADO	Well	NELSON 23-35
Field	WELD COUNTY (ANADARKO)	Wellbore	NELSON 23-35 AWP
Facility	SEC.35-T2N-R68W		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
NELSON 23-35 GEO TARGET 50' radius (2565' FWL & 1320' FSL)		4892.00	-283.00	927.80	3148115.50	1276559.39	40°05'28.799"N	104°58'14.138"W	circle
NELSON 23-35 Hardline (50' E of GT)		4892.00	-283.00	977.80	3148165.49	1276559.69	40°05'28.799"N	104°58'13.495"W	point

WELLPATH COMPOSITION Ref Wellbore: NELSON 23-35 AWP Ref Wellpath: NELSON 23-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	965.00	MTC (Collar, post-2000) (Standard)	SURFACE BHI MWD <147-965>	NELSON 23-35 AWP
965.00	7980.00	MTC (Collar, post-2000) (Standard)	PRODUCTION BHI MWD <1056-7980>	NELSON 23-35 AWP
7980.00	8030.00	Blind Drilling (std)	Projection to bit	NELSON 23-35 AWP

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NELSON 23-35 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	ANADARKO PETROLEUM	Slot	Slot #04 NELSON 23-35 (1610' FSL & 1674' FWL)
Area	COLORADO	Well	NELSON 23-35
Field	WELD COUNTY (ANADARKO)	Wellbore	NELSON 23-35 AWP
Facility	SEC.35-T2N-R68W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
7980.00	0.600	76.100	7846.12	LAST BHI MWD SURVEY
8030.00	0.600	76.100	7896.12	PROJECTION TO BIT