



123-29384

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

INTEQ

Location: COLORADO

Slot: Slot #05 NELSON 11-35 (1637' FSL & 1692' FWL)

Field: WELD COUNTY (ANADARKO)

Well: NELSON 11-35

Facility: SEC.35-T2N-R68W

Wellbore: NELSON 11-35 PWB

RECEIVED

JUN 08 2009

COGCC

Plot reference wellpath is NELSON 11-35 Rev.A 0.

True vertical depths are referenced to XTREME 12 (RT)

Grid System: NAD83 / Lambert Colorado State Planes, Northern Zone (50'), US feet

Measured depths are referenced to XTREME 12 (RT)

North Reference: True north

XTREME 12 (RT) to Mean Sea Level: 4064 feet

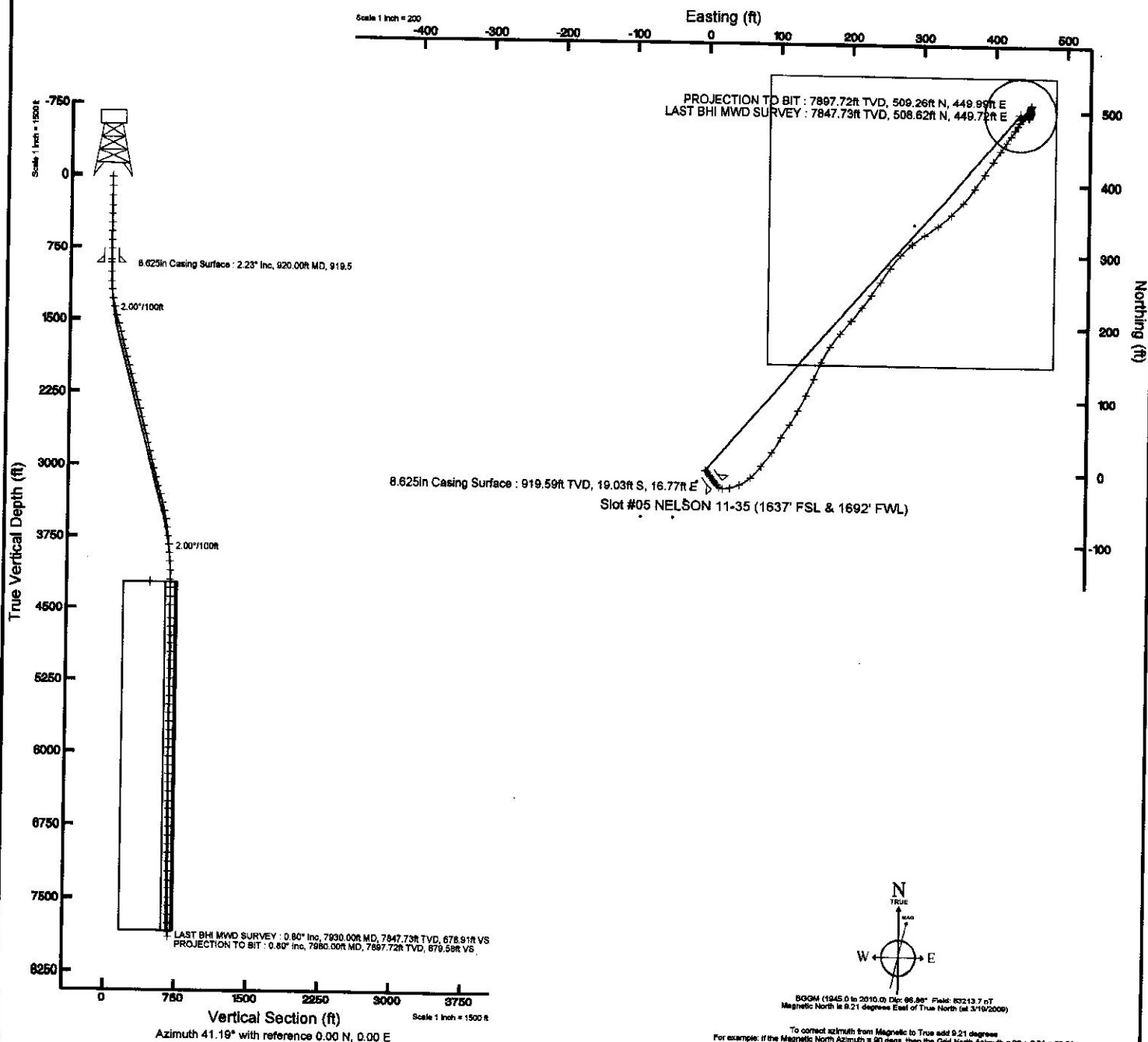
Scale: True distance

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: cookdamm on 4/18/2009



Actual Wellpath Report

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANADARKO PETROLEUM	Slot	Slot #05 NELSON 11-35 (1637' FSL & 1692' FWL)
Area	COLORADO	Well	NELSON 11-35
Field	WELD COUNTY (ANADARKO)	Wellbore	NELSON 11-35 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	4/16/2009 at 4:49:16 PM
Convergence at slot	0.34° East	Database/Source file	WellArchitect_Denver/NELSON_11-35_AWP.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	65.57	44.77	3147205.51	1276862.49	40°05'31.848"N	104°58'25.824"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	41.19°



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Field	WELD COUNTY (ANADARKO)	Wellbore	NELSON 11-35 AWB
Facility	SEC.35-T2N-R68W		

WELLPATH DATA (89 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	100.900	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	100.900	15.00	0.00	0.00	0.00	0.00	
115.00	0.600	100.900	115.00	0.26	-0.10	0.51	0.60	
208.00	1.300	130.800	207.99	0.52	-0.88	1.79	0.90	
304.00	1.900	145.900	303.95	0.12	-2.91	3.51	0.76	
397.00	2.200	143.800	396.89	-0.66	-5.63	5.43	0.33	
490.00	1.700	147.700	489.83	-1.44	-8.23	7.22	0.56	
583.00	2.000	137.100	582.79	-2.00	-10.59	9.06	0.49	
676.00	1.900	137.000	675.73	-2.33	-12.90	11.22	0.11	
769.00	1.800	138.500	768.68	-2.67	-15.13	13.23	0.12	
885.00	2.100	137.100	884.62	-3.12	-18.05	15.89	0.26	
1017.00	2.600	144.100	1016.51	-4.04	-22.24	19.29	0.44	
1107.00	5.100	92.500	1106.32	-1.99	-24.07	24.49	4.48	
1198.00	7.500	77.000	1196.77	5.36	-22.91	34.32	3.21	
1288.00	10.700	67.100	1285.63	17.64	-18.34	47.74	3.95	
1379.00	12.700	49.200	1374.76	35.15	-8.51	63.10	4.53	
1469.00	14.600	39.400	1462.23	56.29	6.72	77.79	3.32	
1560.00	16.200	35.200	1549.96	80.38	25.96	92.39	2.14	
1650.00	14.700	28.800	1636.71	104.02	46.23	105.13	2.52	
1741.00	13.400	36.900	1725.00	125.82	64.78	117.03	2.59	
1832.00	14.600	26.700	1813.31	147.44	83.46	128.51	3.01	
1923.00	16.700	26.100	1900.93	171.17	105.45	139.42	2.31	
2014.00	14.900	24.600	1988.49	195.01	127.83	150.04	2.03	
2104.00	16.800	25.300	2075.06	218.61	150.11	160.42	2.12	
2195.00	14.500	33.400	2162.69	242.55	171.52	172.31	3.48	
2286.00	15.200	40.100	2250.66	265.77	190.16	186.27	2.04	
2376.00	15.600	39.000	2337.43	289.66	208.59	201.49	0.55	
2467.00	14.500	39.400	2425.30	313.27	226.90	216.42	1.21	
2557.00	13.500	32.300	2512.64	334.92	244.49	229.18	2.21	
2647.00	15.100	35.200	2599.85	356.95	262.95	241.56	1.95	

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REFERENCE WELLPATH IDENTIFICATION

Operator	ANADARKO PETROLEUM	Slot	Slot #05 NELSON 11-35 (1637' FSL & 1692' FWL)
Area	COLORADO	Well	NELSON 11-35
Field	WELD COUNTY (ANADARKO)	Wellbore	NELSON 11-35 AWP
Facility	SEC.35-T2N-R68W		

WELLPATH DATA (89 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2737.00	15.000	34.800	2686.76	380.19	282.09	254.96	0.16	
2828.00	14.900	42.500	2774.69	403.59	300.39	269.59	2.18	
2918.00	13.800	48.200	2861.88	425.81	316.08	285.41	1.99	
3009.00	13.900	55.900	2950.24	447.16	329.44	302.55	2.03	
3099.00	15.500	53.400	3037.30	469.37	342.67	321.16	1.91	
3190.00	15.600	44.700	3124.98	493.47	358.62	339.53	2.56	
3280.00	15.500	41.800	3211.68	517.58	376.19	356.06	0.87	
3371.00	16.100	36.600	3299.25	542.31	395.38	371.68	1.69	
3462.00	14.200	34.100	3387.09	565.97	414.76	385.47	2.21	
3553.00	12.300	34.500	3475.66	586.67	431.99	397.22	2.09	
3643.00	9.900	35.200	3563.97	603.89	446.21	407.11	2.67	
3734.00	8.100	35.500	3653.84	618.05	457.83	415.34	1.98	
3824.00	6.400	34.500	3743.12	629.34	467.12	421.86	1.89	
3915.00	5.100	35.200	3833.66	638.41	474.61	427.07	1.43	
4004.00	4.300	32.000	3922.36	645.63	480.67	431.12	0.95	
4094.00	3.200	26.400	4012.17	651.39	485.78	434.02	1.29	
4185.00	2.900	28.800	4103.04	656.10	490.07	436.26	0.36	
4275.00	1.000	65.000	4192.99	659.04	492.40	438.07	2.42	
4366.00	0.800	57.600	4283.97	660.38	493.08	439.32	0.25	
4456.00	0.600	40.400	4373.97	661.45	493.77	440.16	0.32	
4546.00	1.100	40.800	4463.96	662.78	494.79	441.03	0.56	
4682.00	1.100	40.100	4599.93	665.39	496.77	442.72	0.01	
4773.00	0.900	40.700	4690.92	666.98	497.98	443.75	0.22	
4863.00	1.000	38.200	4780.91	668.47	499.13	444.70	0.12	
4953.00	1.200	36.600	4870.89	670.20	500.51	445.75	0.22	
5043.00	1.000	155.400	4960.88	670.82	500.55	446.64	2.11	
5134.00	1.000	161.300	5051.87	670.09	499.08	447.22	0.11	
5224.00	0.800	172.300	5141.86	669.28	497.71	447.56	0.29	
5314.00	0.900	189.800	5231.85	668.27	496.39	447.52	0.31	
5405.00	0.800	185.300	5322.84	667.14	495.05	447.34	0.13	

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Area	COLORADO	Well	NELSON 11-35
Field	WELD COUNTY (ANADARKO)	Wellbore	NELSON 11-35 AWB
Facility	SEC.35-T2N-R68W		

WELLPATH DATA (89 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5497.00	0.700	201.100	5414.83	666.09	493.89	447.08	0.25	
5588.00	0.500	208.500	5505.82	665.19	493.02	446.69	0.24	
5678.00	0.300	209.200	5595.82	664.57	492.47	446.39	0.22	
5768.00	0.200	230.300	5685.82	664.19	492.17	446.15	0.15	
5858.00	0.100	153.900	5775.82	664.00	492.00	446.06	0.22	
5948.00	0.100	92.800	5865.82	664.02	491.92	446.18	0.11	
6038.00	0.100	352.900	5955.82	664.12	492.00	446.25	0.17	
6128.00	0.200	35.600	6045.82	664.33	492.20	446.33	0.16	
6218.00	0.500	306.900	6135.82	664.46	492.56	446.11	0.59	
6308.00	0.600	37.600	6225.82	664.90	493.17	446.08	0.87	
6398.00	0.700	35.900	6315.81	665.91	493.99	446.69	0.11	
6488.00	0.600	31.900	6405.80	666.93	494.84	447.26	0.12	
6579.00	0.700	29.200	6496.80	667.94	495.73	447.78	0.11	
6669.00	0.500	16.500	6586.79	668.84	496.58	448.16	0.27	
6760.00	0.600	25.700	6677.79	669.66	497.39	448.48	0.15	
6850.00	0.500	26.400	6767.78	670.49	498.17	448.86	0.11	
6941.00	0.500	355.400	6858.78	671.15	498.92	449.01	0.29	
7031.00	0.500	358.900	6948.78	671.71	499.71	448.97	0.03	
7121.00	0.500	5.300	7038.77	672.32	500.49	449.00	0.06	
7212.00	0.400	355.500	7129.77	672.87	501.20	449.01	0.14	
7304.00	0.500	346.300	7221.77	673.32	501.91	448.89	0.13	
7394.00	0.600	348.400	7311.76	673.83	502.75	448.70	0.11	
7484.00	0.600	340.600	7401.76	674.35	503.66	448.45	0.09	
7574.00	0.700	357.500	7491.75	674.98	504.65	448.27	0.24	
7664.00	0.600	22.900	7581.75	675.82	505.64	448.43	0.34	
7754.00	0.700	23.900	7671.74	676.79	506.57	448.83	0.11	
7844.00	0.700	23.400	7761.74	677.84	507.58	449.27	0.01	
7930.00	0.800	23.200	7847.73	678.91	508.62	449.72	0.12	LAST BHI MWD SURVEY
7980.00†	0.800	23.200	7897.72	679.58	509.26	449.99	0.00	PROJECTION TO BIT

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Area	COLORADO	Well	NELSON 11-35
Field	WELD COUNTY (ANADARKO)	Wellbore	NELSON 11-35 AWB
Facility	SEC.35-T2N-R68W		

HOLE & CASING SECTIONS Ref Wellbore: NELSON 11-35 AWB Ref Wellpath: NELSON 11-35 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	15.00	920.00	905.00	15.00	919.59	0.00	0.00	-19.03	16.77

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
NELSON 11-35 CENTER of the HARDLINE BOX (200' each direction)		4217.00	346.67	284.65	3147488.08	1277210.83	40°05'35.274"N	104°58'22.161"W	square
NELSON 11-35 GEO TARGET 50' radius (2130' FSL & 2130' FWL)		4217.00	496.67	434.65	3147637.18	1277361.71	40°05'36.756"N	104°58'20.231"W	circle

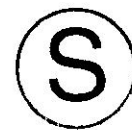
WELLPATH COMPOSITION Ref Wellbore: NELSON 11-35 AWB Ref Wellpath: NELSON 11-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	885.00	MTC (Collar, post-2000) (Standard)	SURFACE BHI MWD <115-885>	NELSON 11-35 AWB
885.00	7930.00	MTC (Collar, post-2000) (Standard)	PRODUCTION BHI MWD <1017-7930>	NELSON 11-35 AWB
7930.00	7980.00	Blind Drilling (std)	Projection to bit	NELSON 11-35 AWB



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Field	WELD COUNTY (ANADARKO)	Wellbore	NELSON 11-35 AWB
Facility	SEC.35-T2N-R68W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
7930.00	0.800	23.200	7847.73	LAST BHI MWD SURVEY
7980.00	0.800	23.200	7897.72	PROJECTION TO BIT