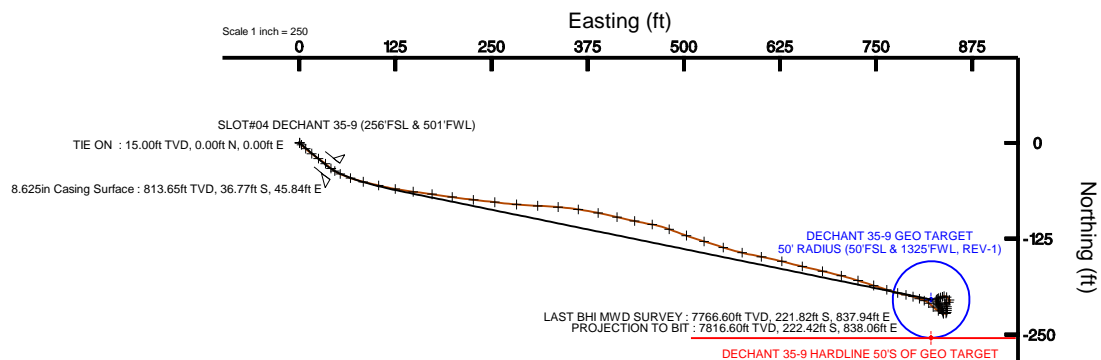
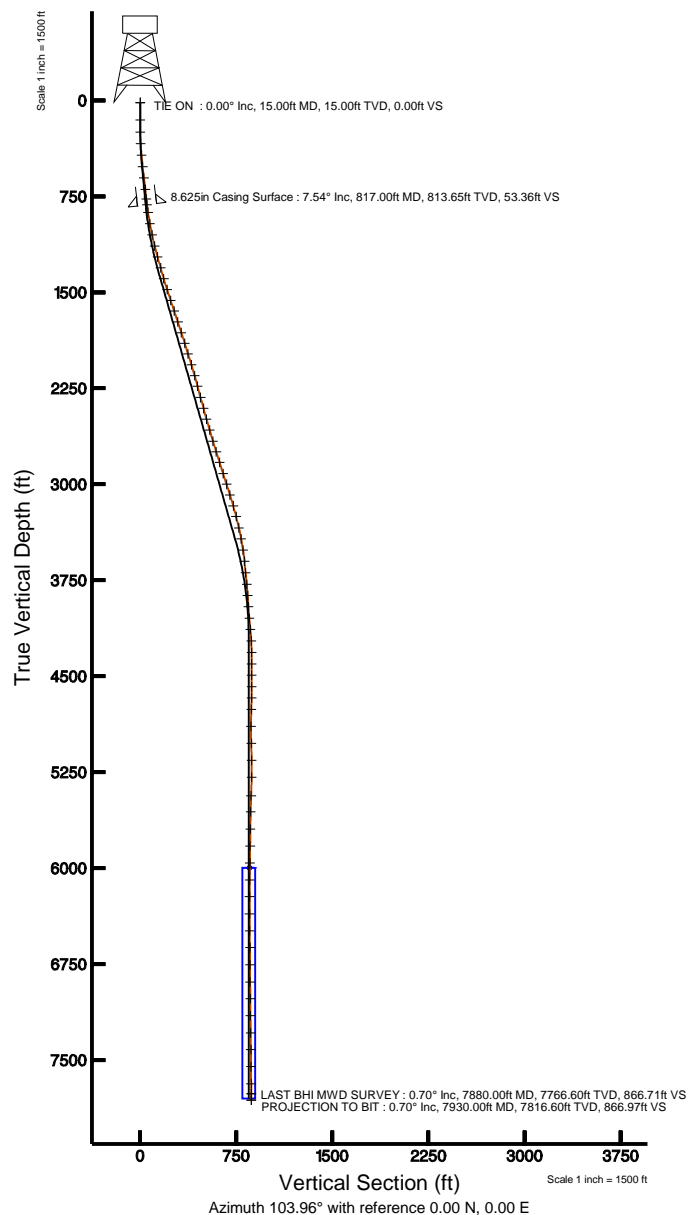


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#04 DECHANT 35-9 (256'FSL & 501'FWL)
 Field: WELD COUNTY (KERR MCGEE) Well: DECHANT 35-9
 Facility: SEC.09-T2N-R65W Wellbore: DECHANT 35-9 PWB

Plot reference wellpath is DECHANT 35-9 (REV-B.0) PWP

True vertical depths are referenced to XTREME 15 (RKB)	Grid System: NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet
Measured depths are referenced to XTREME 15 (RKB)	North Reference: True north
XTREME 15 (RKB) to Mean Sea Level: 4909 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: SEC.09-T2N-R65W): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: painsetr on 3/24/2011



BGGM (1945.0 to 2012.0) Dip: 66.89° Field: 53062.1 nT
 Magnetic North is 8.81 degrees East of True North (at 2/7/2011)

To correct azimuth from Magnetic to True add 8.81 degrees
 For example: If the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 8.81 = 98.81



Actual Wellpath Report

DECHANT 35-9 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 DECHANT 35-9 (256'FSL & 501'FWL)
Area	COLORADO	Well	DECHANT 35-9
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DECHANT 35-9 AWB
Facility	SEC.09-T2N-R65W		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet	Software System	WellArchitect® 2.0
North Reference	True	User	Painsetr
Scale	0.999958	Report Generated	3/24/2011 at 12:51:59 PM
Convergence at slot	0.53° East	Database/Source file	WA_DENVER/DECHANT_35-9_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	-34.24	33.83	3230181.02	1297341.83	40°08'47.990"N	104°40'35.735"W
Facility Reference Pt			3230146.88	1297375.76	40°08'48.329"N	104°40'36.170"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 15 (RKB) to Facility Vertical Datum	4909.00ft
Horizontal Reference Pt	Slot	XTREME 15 (RKB) to Mean Sea Level	4909.00ft
Vertical Reference Pt	XTREME 15 (RKB)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	XTREME 15 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	103.96°



Actual Wellpath Report

DECHANT 35-9 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 DECHANT 35-9 (256'FSL & 501'FWL)
Area	COLORADO	Well	DECHANT 35-9
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DECHANT 35-9 AWB
Facility	SEC.09-T2N-R65W		

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	359.300	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	359.300	15.00	0.00	0.00	0.00	0.00	TIE ON
152.00	0.400	359.300	152.00	-0.12	0.48	-0.01	0.29	
245.00	1.000	155.800	245.00	0.30	0.06	0.32	1.48	
337.00	3.300	133.600	336.93	3.10	-2.50	2.57	2.61	
428.00	6.100	132.200	427.61	9.63	-7.55	8.05	3.08	
517.00	6.900	127.300	516.04	18.71	-13.97	15.81	1.09	
605.00	7.200	124.500	603.37	28.73	-20.29	24.56	0.52	
696.00	7.300	130.100	693.65	39.26	-27.25	33.68	0.78	
772.00	7.300	129.000	769.03	47.97	-33.40	41.12	0.18	
877.00	8.000	113.900	873.11	61.21	-40.56	52.99	2.02	
967.00	10.400	109.400	961.94	75.47	-45.79	66.38	2.78	
1057.00	12.000	103.700	1050.23	92.91	-50.71	83.13	2.16	
1147.00	14.000	103.700	1137.92	113.16	-55.50	102.80	2.22	
1235.00	15.500	100.200	1223.02	135.53	-60.11	124.72	1.98	
1323.00	15.600	97.100	1307.80	159.02	-63.65	148.03	0.95	
1412.00	16.700	98.100	1393.28	183.62	-66.93	172.57	1.27	
1501.00	18.000	98.100	1478.23	210.02	-70.67	198.84	1.46	
1590.00	18.400	96.300	1562.78	237.62	-74.15	226.42	0.78	
1677.00	18.900	97.100	1645.21	265.22	-77.40	254.05	0.65	
1767.00	18.300	94.600	1730.51	293.63	-80.33	282.60	1.11	
1855.00	18.200	92.500	1814.09	320.73	-82.04	310.10	0.76	
1942.00	17.100	94.900	1896.99	346.68	-83.73	336.42	1.52	
2030.00	17.800	98.100	1980.94	372.84	-86.73	362.63	1.35	
2118.00	17.000	102.000	2064.92	399.08	-91.30	388.53	1.61	
2207.00	16.000	103.700	2150.25	424.35	-96.91	413.17	1.25	
2294.00	15.100	101.300	2234.07	447.66	-101.97	435.93	1.27	
2385.00	14.800	100.600	2321.99	471.10	-106.43	458.98	0.38	
2473.00	15.500	110.800	2406.94	494.00	-112.67	481.03	3.13	
2561.00	15.900	109.400	2491.66	517.67	-120.85	503.39	0.63	



Actual Wellpath Report

DECHANT 35-9 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 DECHANT 35-9 (256'FSL & 501'FWL)
Area	COLORADO	Well	DECHANT 35-9
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DECHANT 35-9 AWB
Facility	SEC.09-T2N-R65W		

WELLPATH DATA (80 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2649.00	16.300	107.200	2576.21	542.00	-128.51	526.55	0.83	
2740.00	17.100	108.300	2663.37	568.09	-136.48	551.46	0.95	
2827.00	17.100	102.700	2746.53	593.64	-143.31	576.08	1.89	
2914.00	17.200	100.600	2829.66	619.27	-148.49	601.20	0.72	
3004.00	18.100	105.100	2915.43	646.53	-154.58	627.78	1.82	
3093.00	17.900	103.000	3000.08	674.03	-161.26	654.46	0.76	
3181.00	17.400	103.000	3083.93	700.71	-167.26	680.45	0.57	
3269.00	16.300	105.100	3168.15	726.21	-173.44	705.20	1.43	
3356.00	13.900	107.200	3252.14	748.85	-179.71	726.97	2.83	
3447.00	13.100	107.200	3340.63	770.06	-185.99	747.26	0.88	
3535.00	10.500	109.400	3426.76	788.01	-191.61	764.36	3.00	
3624.00	8.300	104.400	3514.56	802.50	-195.90	778.23	2.63	
3713.00	6.100	100.600	3602.86	813.65	-198.37	789.10	2.53	
3803.00	6.000	106.500	3692.36	823.12	-200.58	798.31	0.70	
3894.00	4.900	110.100	3782.94	831.74	-203.27	806.52	1.27	
3981.00	4.300	111.500	3869.66	838.67	-205.74	813.05	0.70	
4070.00	4.400	129.000	3958.41	845.07	-209.11	818.80	1.49	
4160.00	5.400	130.500	4048.08	851.98	-214.03	824.71	1.12	
4248.00	5.800	125.200	4135.66	859.83	-219.29	831.49	0.74	
4337.00	3.400	102.000	4224.38	866.66	-222.43	837.75	3.36	
4428.00	1.100	66.500	4315.30	870.06	-222.64	841.19	2.84	
4517.00	1.600	13.700	4404.28	870.73	-221.09	842.27	1.44	
4606.00	1.500	359.300	4493.25	870.43	-218.72	842.55	0.45	
4697.00	1.700	0.000	4584.21	869.80	-216.18	842.53	0.22	
4783.00	1.500	356.900	4670.18	869.16	-213.78	842.47	0.25	
4873.00	2.100	319.600	4760.14	867.48	-211.35	841.34	1.43	
5007.00	0.400	354.400	4894.10	865.32	-209.01	839.70	1.33	
5139.00	1.500	90.700	5026.09	866.85	-208.58	841.38	1.21	
5272.00	1.800	66.800	5159.03	870.21	-207.77	845.05	0.56	
5405.00	1.900	326.300	5291.99	870.25	-205.12	845.74	2.14	



Actual Wellpath Report

DECHANT 35-9 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 DECHANT 35-9 (256'FSL & 501'FWL)
Area	COLORADO	Well	DECHANT 35-9
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DECHANT 35-9 AWB
Facility	SEC.09-T2N-R65W		

WELLPATH DATA (80 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5549.00	2.400	311.500	5435.89	865.81	-201.13	842.16	0.52	
5674.00	1.300	247.500	5560.83	862.35	-199.94	838.89	1.74	
5809.00	0.800	249.600	5695.81	860.34	-200.86	836.59	0.37	
5943.00	1.200	250.300	5829.79	858.40	-201.65	834.39	0.30	
6075.00	1.100	252.800	5961.76	856.16	-202.50	831.88	0.08	
6207.00	0.800	230.600	6093.75	854.53	-203.45	829.96	0.36	
6339.00	0.700	204.600	6225.73	853.83	-204.77	828.91	0.27	
6473.00	0.600	180.000	6359.73	853.85	-206.22	828.57	0.22	
6605.00	0.900	137.500	6491.72	854.88	-207.67	829.27	0.46	
6737.00	0.900	142.100	6623.70	856.56	-209.26	830.61	0.05	
6871.00	0.400	146.600	6757.69	857.73	-210.48	831.51	0.37	
7005.00	0.400	158.900	6891.69	858.34	-211.30	831.94	0.06	
7136.00	0.700	142.800	7022.68	859.23	-212.37	832.59	0.26	
7268.00	1.100	152.200	7154.66	860.70	-214.13	833.66	0.32	
7403.00	1.000	146.300	7289.64	862.43	-216.26	834.92	0.11	
7535.00	0.700	151.500	7421.63	863.83	-217.92	835.95	0.23	
7668.00	0.700	148.000	7554.62	864.96	-219.33	836.76	0.03	
7801.00	0.800	153.700	7687.61	866.15	-220.85	837.61	0.09	
7880.00	0.700	168.900	7766.60	866.71	-221.82	837.94	0.28	LAST BHI MWD SURVEY
7930.00	0.700	168.900	7816.60	866.97	-222.42	838.06	0.00	PROJECTION TO BIT

HOLE & CASING SECTIONS Ref Wellbore: DECHANT 35-9 AWB Ref Wellpath: DECHANT 35-9 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	817.00	802.00	15.00	813.65	0.00	0.00	-36.77	45.84
7.875in Open Hole	817.00	7930.00	7113.00	813.65	7816.60	-36.77	45.84	-222.42	838.06



Actual Wellpath Report

DECHANT 35-9 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#04 DECHANT 35-9 (256'FSL & 501'FWL)
Area	COLORADO	Well	DECHANT 35-9
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DECHANT 35-9 AWB
Facility	SEC.09-T2N-R65W		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
DECHANT 35-9 GEO TARGET 50' RADIUS (50'FSL & 1325'FWL, REV-1)		6000.00	-204.36	821.92	3231004.77	1297145.13	40°08'45.971"N	104°40'25.151"W	circle
DECHANT 35-9 HARDLINE 50'S OF GEO TARGET		6000.00	-254.36	821.92	3231005.23	1297095.13	40°08'45.477"N	104°40'25.151"W	point

WELLPATH COMPOSITION Ref Wellbore: DECHANT 35-9 AWB Ref Wellpath: DECHANT 35-9 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	877.00	NaviTrak (Standard)	BHI MWD SURVEYS 12.25 HOLE<152-877>	DECHANT 35-9 AWB
877.00	7880.00	NaviTrak (Standard)	BHI MWD SURVEYS 7 7/8 HOLE<967-7880>	DECHANT 35-9 AWB
7880.00	7930.00	Blind Drilling (std)	Projection to bit	DECHANT 35-9 AWB



Actual Wellpath Report

DECHANT 35-9 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

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Area	COLORADO	Well	DECHANT 35-9
Field	WELD COUNTY (KERR MCGEE)	Wellbore	DECHANT 35-9 AWB
Facility	SEC.09-T2N-R65W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
15.00	0.000	359.300	15.00	TIE ON
7880.00	0.700	168.900	7766.60	LAST BHI MWD SURVEY
7930.00	0.700	168.900	7816.60	PROJECTION TO BIT