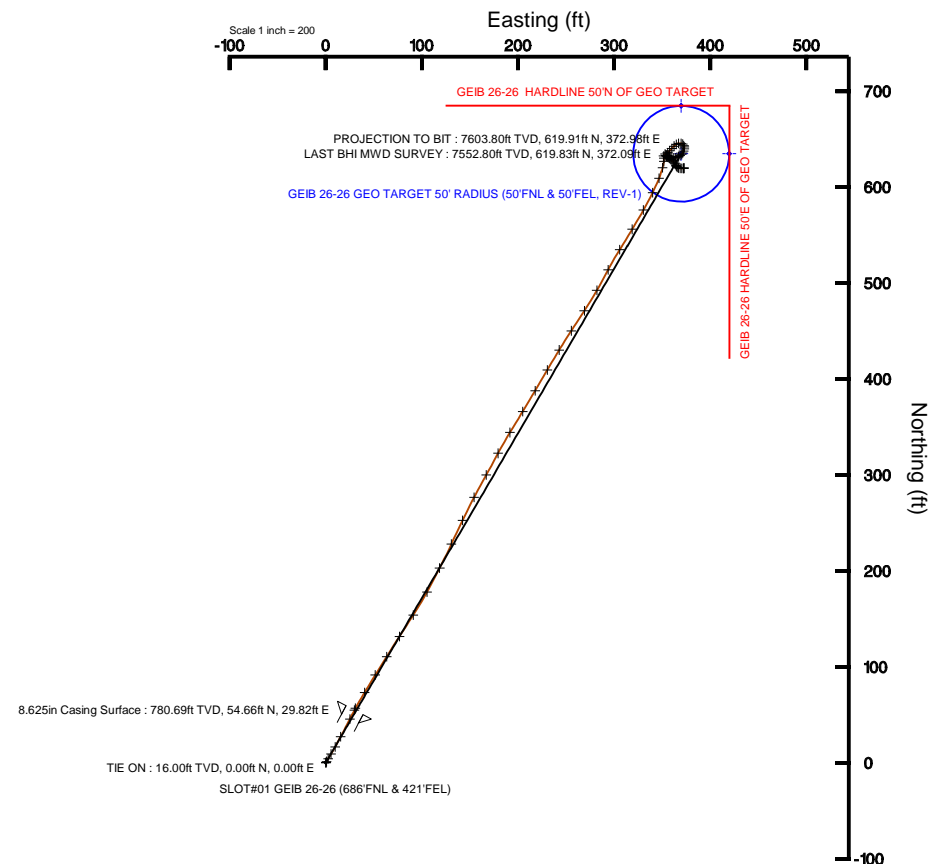
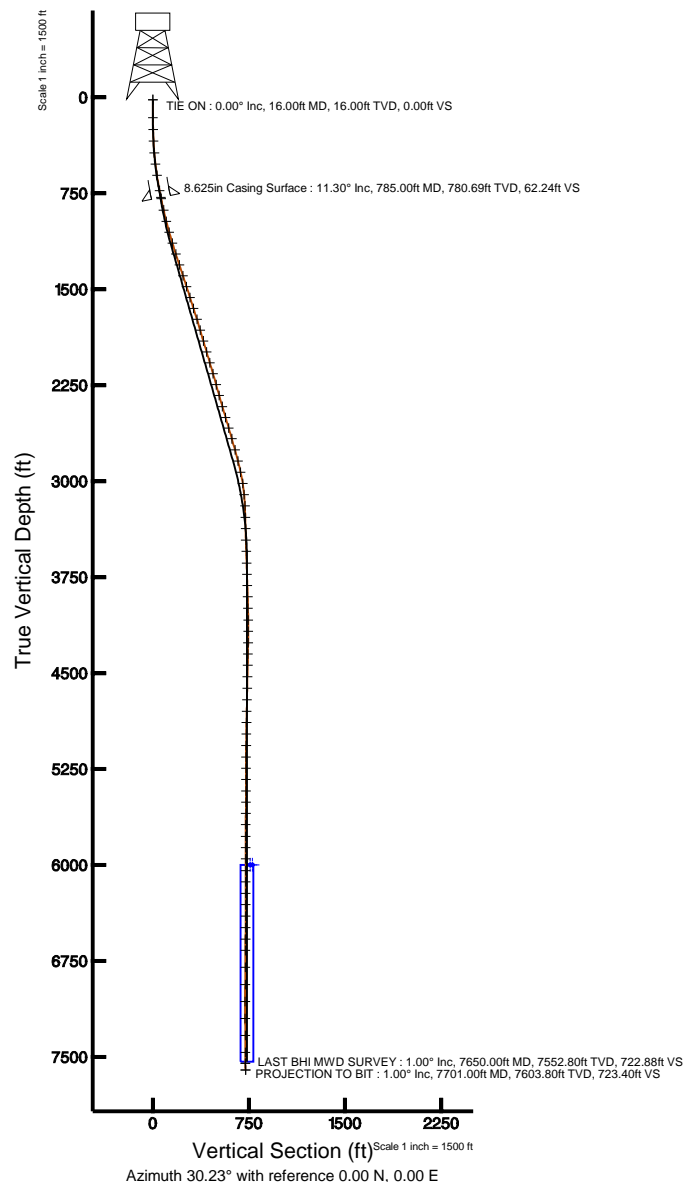


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#01 GEIB 26-26 (686°FNL & 421°FEL)
 Field: WELD COUNTY (KERR MCGEE) Well: GEIB 26-26
 Facility: SEC.26-T5N-R65W Wellbore: GEIB 26-26 PWB

Plot reference wellpath is GEIB 26-26 (REV-A.0) PWP

True vertical depths are referenced to XTREME 6 (RKB)	Grid System: NAD83 / Lambert Colorado State Planes, Northern Zone (501), US feet
Measured depths are referenced to XTREME 6 (RKB)	North Reference: True north
XTREME 6 (RKB) to Mean Sea Level: 4658 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: SEC.26-T5N-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: 67.08° Field: 53184.8 nT
 Magnetic North is 8.79 degrees East of True North (at 2/25/2011)

To correct azimuth from Magnetic to True add 8.79 degrees
 For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 8.79 = 98.79



Actual Wellpath Report

GEIB 26-26 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#01 GEIB 26-26 (686'FNL & 421'FEL)
Area	COLORADO	Well	GEIB 26-26
Field	WELD COUNTY (KERR MCGEE)	Wellbore	GEIB 26-26 AWB
Facility	SEC.26-T5N-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	0.999959	Report Generated	3/24/2011 at 9:00:45 AM
Convergence at slot	0.57° East	Database/Source file	WA_DENVER/GEIB_26-26_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	3244469.12	1380869.48	40°22'32.045"N	104°37'21.101"W
Facility Reference Pt			3244469.12	1380869.48	40°22'32.045"N	104°37'21.101"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 6 (RKB) to Facility Vertical Datum	4658.00ft
Horizontal Reference Pt	Slot	XTREME 6 (RKB) to Mean Sea Level	4658.00ft
Vertical Reference Pt	XTREME 6 (RKB)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	XTREME 6 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	30.23°



Actual Wellpath Report

GEIB 26-26 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#01 GEIB 26-26 (686'FNL & 421'FEL)
Area	COLORADO	Well	GEIB 26-26
Field	WELD COUNTY (KERR MCGEE)	Wellbore	GEIB 26-26 AWB
Facility	SEC.26-T5N-R65W		

WELLPATH DATA (85 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	60.800	0.00	0.00	0.00	0.00	0.00	
16.00	0.000	60.800	16.00	0.00	0.00	0.00	0.00	TIE ON
158.00	0.100	60.800	158.00	0.11	0.06	0.11	0.07	
250.00	1.400	24.300	249.99	1.29	1.12	0.64	1.44	
341.00	2.900	33.400	340.92	4.70	4.06	2.37	1.69	
432.00	4.500	30.600	431.73	10.57	9.05	5.45	1.77	
520.00	6.600	29.500	519.31	19.08	16.43	9.70	2.39	
610.00	8.900	27.800	608.49	31.21	27.09	15.49	2.57	
730.00	10.800	27.100	726.71	51.71	45.31	24.94	1.59	
796.00	11.400	28.100	791.48	64.40	56.57	30.83	0.95	
886.00	13.100	31.300	879.43	83.49	73.13	40.32	2.03	
977.00	14.100	31.700	967.87	104.88	91.37	51.51	1.10	
1065.00	15.500	32.000	1052.95	127.35	110.47	63.37	1.59	
1154.00	16.900	32.400	1138.41	152.16	131.48	76.60	1.58	
1243.00	17.800	33.400	1223.36	178.67	153.76	91.02	1.07	
1333.00	18.500	28.100	1308.89	206.68	177.84	105.32	1.99	
1423.00	18.200	27.400	1394.32	234.99	202.91	118.52	0.41	
1512.00	18.000	24.500	1478.91	262.55	227.77	130.62	1.04	
1601.00	17.800	26.000	1563.61	289.80	252.51	142.28	0.56	
1690.00	17.600	27.400	1648.39	316.81	276.68	154.44	0.53	
1779.00	17.100	29.200	1733.34	343.33	300.05	167.01	0.82	
1868.00	16.400	28.100	1818.57	368.97	322.55	179.32	0.86	
1956.00	16.600	31.300	1902.95	393.95	344.25	191.70	1.06	
2046.00	16.400	31.000	1989.24	419.51	366.13	204.92	0.24	
2135.00	16.600	30.600	2074.57	444.79	387.84	217.86	0.26	
2224.00	16.100	30.300	2159.97	469.84	409.44	230.56	0.57	
2313.00	15.600	31.300	2245.59	494.14	430.32	243.00	0.64	
2400.00	15.900	32.700	2329.32	517.75	450.34	255.52	0.56	
2490.00	16.200	33.700	2415.82	542.60	471.16	269.15	0.45	
2579.00	16.400	29.200	2501.24	567.55	492.46	282.16	1.44	



Actual Wellpath Report

GEIB 26-26 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#01 GEIB 26-26 (686'FNL & 421'FEL)
Area	COLORADO	Well	GEIB 26-26
Field	WELD COUNTY (KERR MCGEE)	Wellbore	GEIB 26-26 AWB
Facility	SEC.26-T5N-R65W		

WELLPATH DATA (85 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2666.00	16.400	28.100	2584.70	592.10	514.01	293.94	0.36	
2753.00	15.900	32.000	2668.27	616.29	534.95	306.04	1.37	
2844.00	15.800	31.000	2755.81	641.14	556.14	319.03	0.32	
2934.00	14.300	28.900	2842.72	664.50	576.38	330.71	1.77	
3023.00	12.100	26.700	2929.37	684.80	594.34	340.21	2.54	
3112.00	9.100	21.000	3016.84	701.06	609.25	346.93	3.57	
3202.00	6.000	14.000	3106.05	712.61	620.46	350.62	3.59	
3290.00	2.600	6.000	3193.79	718.85	626.91	351.94	3.91	
3379.00	1.800	352.600	3282.73	721.80	630.30	351.97	1.06	
3468.00	1.400	0.000	3371.69	723.84	632.77	351.79	0.50	
3556.00	2.100	62.600	3459.66	726.13	634.59	353.22	2.17	
3645.00	1.800	52.800	3548.61	728.80	636.19	355.78	0.50	
3736.00	1.900	46.800	3639.56	731.57	638.08	358.02	0.24	
3825.00	2.200	37.000	3728.50	734.68	640.46	360.13	0.52	
3913.00	2.200	50.600	3816.44	737.94	642.88	362.45	0.59	
4001.00	1.900	51.000	3904.38	740.88	644.87	364.89	0.34	
4091.00	1.700	91.400	3994.34	742.92	645.78	367.38	1.40	
4182.00	1.400	94.600	4085.31	744.06	645.65	369.84	0.34	
4271.00	1.200	133.600	4174.28	744.31	644.92	371.60	1.00	
4361.00	1.100	149.400	4264.27	743.67	643.53	372.72	0.37	
4448.00	0.900	173.000	4351.25	742.72	642.13	373.23	0.52	
4537.00	1.800	189.900	4440.23	740.85	640.06	373.07	1.10	
4626.00	1.500	201.100	4529.19	738.39	637.60	372.41	0.49	
4716.00	1.100	207.400	4619.17	736.37	635.73	371.59	0.47	
4807.00	1.300	225.700	4710.15	734.50	634.24	370.45	0.47	
4896.00	1.300	234.200	4799.13	732.60	632.94	368.91	0.22	
4984.00	1.200	240.500	4887.11	730.90	631.90	367.30	0.19	
5074.00	1.100	257.700	4977.09	729.50	631.25	365.63	0.40	
5164.00	1.100	254.900	5067.07	728.30	630.85	363.96	0.06	
5255.00	1.200	272.800	5158.05	727.24	630.66	362.16	0.41	



Actual Wellpath Report

GEIB 26-26 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#01 GEIB 26-26 (686'FNL & 421'FEL)
Area	COLORADO	Well	GEIB 26-26
Field	WELD COUNTY (KERR MCGEE)	Wellbore	GEIB 26-26 AWB
Facility	SEC.26-T5N-R65W		

WELLPATH DATA (85 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5342.00	1.400	282.800	5245.03	726.50	630.94	360.21	0.35	
5430.00	1.000	327.000	5333.01	726.52	631.83	358.75	1.11	
5519.00	0.700	264.700	5422.00	726.56	632.43	357.78	1.03	
5607.00	1.100	301.300	5509.99	726.26	632.82	356.53	0.77	
5695.00	0.600	258.100	5597.98	725.97	633.16	355.35	0.89	
5783.00	0.400	276.000	5685.98	725.53	633.10	354.60	0.29	
5874.00	0.000	291.100	5776.98	725.40	633.13	354.28	0.44	
5962.00	0.300	157.500	5864.98	725.26	632.92	354.37	0.34	
6051.00	0.600	140.600	5953.98	724.96	632.34	354.75	0.37	
6142.00	0.700	123.100	6044.97	724.77	631.67	355.52	0.24	
6230.00	1.000	122.700	6132.96	724.71	630.96	356.62	0.34	
6320.00	1.000	129.400	6222.95	724.55	630.04	357.89	0.13	
6409.00	1.100	130.800	6311.93	724.27	628.99	359.13	0.12	
6499.00	1.200	133.300	6401.92	723.90	627.78	360.47	0.12	
6589.00	1.200	128.300	6491.90	723.55	626.55	361.90	0.12	
6678.00	1.000	133.600	6580.88	723.24	625.43	363.19	0.25	
6767.00	0.900	148.400	6669.87	722.73	624.30	364.12	0.30	
6899.00	0.500	176.900	6801.86	721.76	622.85	364.70	0.39	
7033.00	0.600	147.700	6935.85	720.95	621.67	365.10	0.22	
7167.00	0.600	119.900	7069.84	720.63	620.73	366.09	0.22	
7299.00	0.600	110.400	7201.84	720.75	620.14	367.33	0.08	
7432.00	0.800	95.600	7334.83	721.26	619.81	368.91	0.20	
7564.00	0.800	88.600	7466.81	722.12	619.74	370.75	0.07	
7650.00	1.000	84.400	7552.80	722.88	619.83	372.09	0.24	LAST BHI MWD SURVEY
7701.00	1.000	84.400	7603.80	723.40	619.91	372.98	0.00	PROJECTION TO BIT



Actual Wellpath Report

GEIB 26-26 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#01 GEIB 26-26 (686'FNL & 421'FEL)
Area	COLORADO	Well	GEIB 26-26
Field	WELD COUNTY (KERR MCGEE)	Wellbore	GEIB 26-26 AWB
Facility	SEC.26-T5N-R65W		

HOLE & CASING SECTIONS Ref Wellbore: GEIB 26-26 AWB Ref Wellpath: GEIB 26-26 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	16.00	785.00	769.00	16.00	780.69	0.00	0.00	54.66	29.82
7.875in Open Hole	785.00	7701.00	6916.00	780.69	7603.80	54.66	29.82	619.91	372.98

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
GEIB 26-26 HARDLINE 50'N OF GEO TARGET		6000.00	685.00	370.00	3244832.31	1381558.08	40°22'38.814"N	104°37'16.320"W	point
GEIB 26-26 GEO TARGET 50' RADIUS (50'FNL & 50'FEL, REV-1)		6000.00	635.00	370.00	3244832.81	1381508.08	40°22'38.320"N	104°37'16.320"W	circle
GEIB 26-26 HARDLINE 50'E OF GEO TARGET		6000.00	635.00	420.00	3244882.80	1381508.58	40°22'38.320"N	104°37'15.674"W	point

WELLPATH COMPOSITION Ref Wellbore: GEIB 26-26 AWB Ref Wellpath: GEIB 26-26 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
16.00	796.00	NaviTrak (Standard)	BHI MWD SURVEYS 12.25 HOLE<158-796>	GEIB 26-26 AWB
796.00	7650.00	NaviTrak (Standard)	BHI MWD SURVEYS 7 7/8 HOLE<886-7650>	GEIB 26-26 AWB
7650.00	7701.00	Blind Drilling (std)	Projection to bit	GEIB 26-26 AWB



Actual Wellpath Report

GEIB 26-26 AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#01 GEIB 26-26 (686'FNL & 421'FEL)
Area	COLORADO	Well	GEIB 26-26
Field	WELD COUNTY (KERR MCGEE)	Wellbore	GEIB 26-26 AWB
Facility	SEC.26-T5N-R65W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
16.00	0.000	60.800	16.00	TIE ON
7650.00	1.000	84.400	7552.80	LAST BHI MWD SURVEY
7701.00	1.000	84.400	7603.80	PROJECTION TO BIT