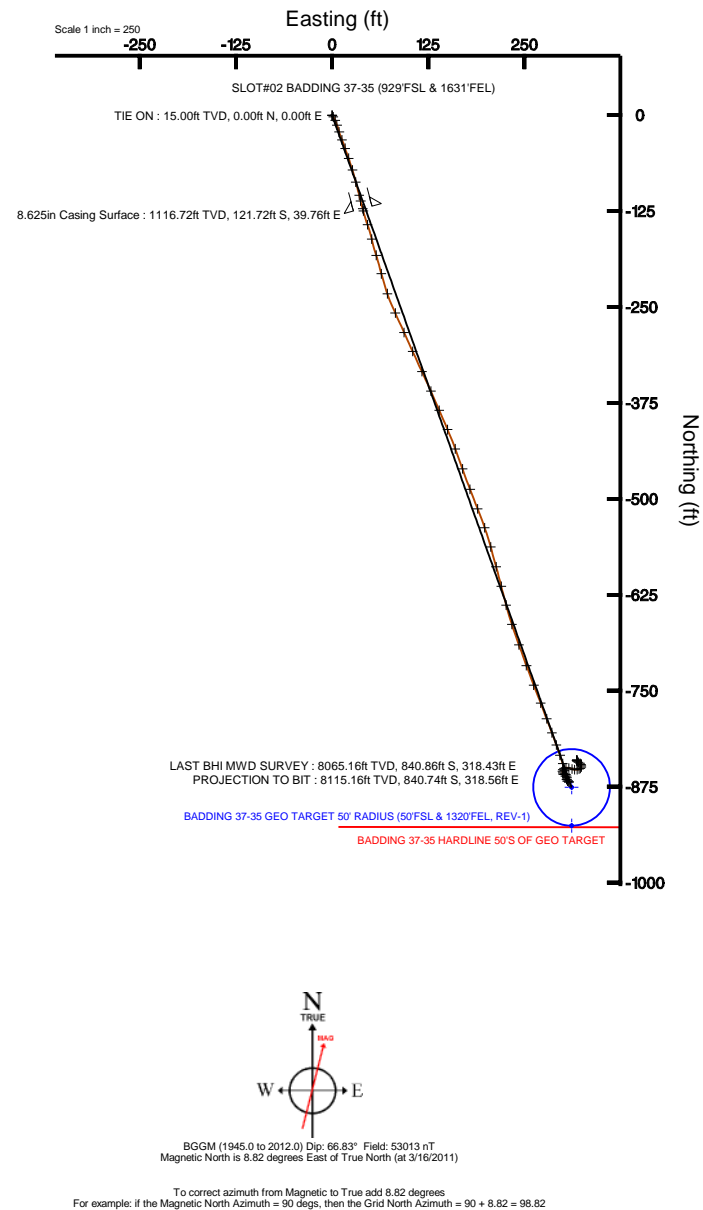
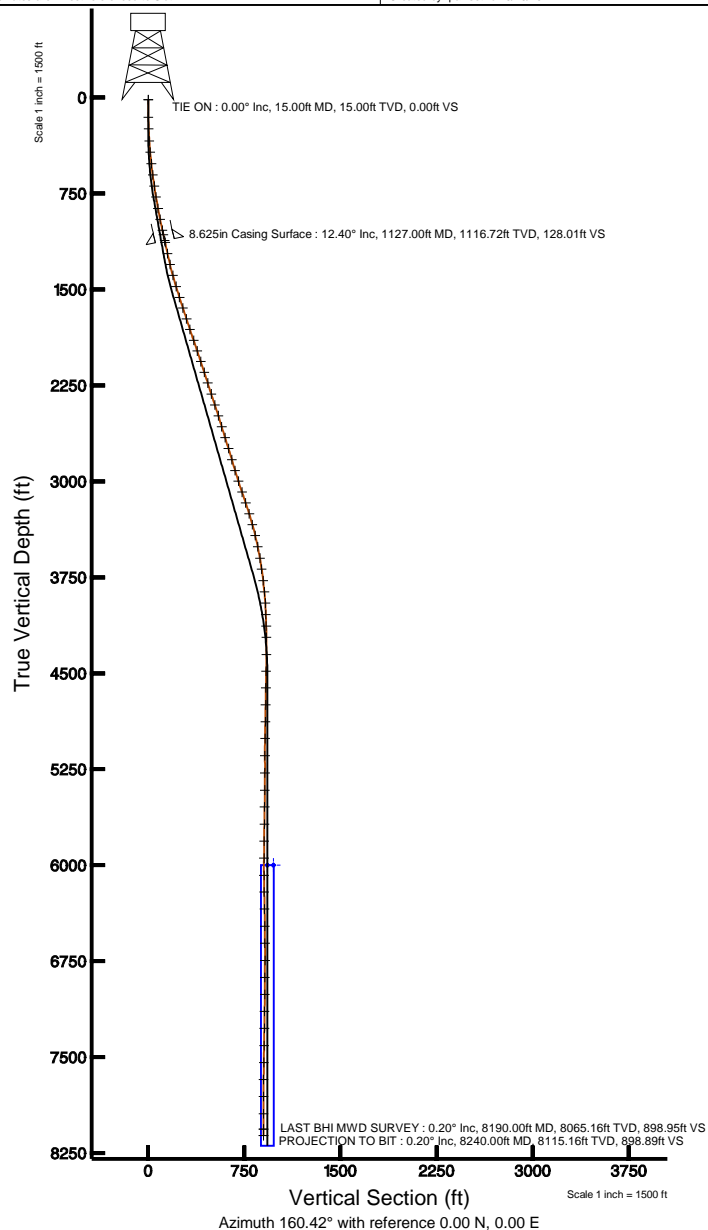


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#02 BADDING 37-35 (929'FSL & 1631'FEL)
 Field: WELD COUNTY (KERR MCGEE) Well: BADDING 37-35
 Facility: SEC.35-T2N-R66W Wellbore: BADDING 37-35 PWB

Plot reference wellpath is BADDING 37-35 (REV-B.1) 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: 5101 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: SEC.35-T2N-R66W): 0 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: painsetr on 3/23/2011





Actual Wellpath Report

BADDING 37-35 AWP

Page 1 of 6



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#02 BADDING 37-35 (929'FSL & 1631'FEL)
Area	COLORADO	Well	BADDING 37-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 37-35 AWB
Facility	SEC.35-T2N-R66W		

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	0.999961	Report Generated	3/23/2011 at 9:42:55 AM
Convergence at slot	0.49° East	Database/Source file	WA_DENVER/BADDING_37-35_AWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	3.28	9.51	3212446.54	1276507.73	40°05'23.669"N	104°44'26.405"W
Facility Reference Pt			3212437.05	1276504.37	40°05'23.636"N	104°44'26.527"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	5101.00ft
Horizontal Reference Pt	Slot	XTREME 15 (RKB) to Mean Sea Level	5101.00ft
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	160.42°



Actual Wellpath Report

BADDING 37-35 AWP

Page 2 of 6



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#02 BADDING 37-35 (929'FSL & 1631'FEL)
Area	COLORADO	Well	BADDING 37-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 37-35 AWP
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (81 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	154.400	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	154.400	15.00	0.00	0.00	0.00	0.00	TIE ON
151.00	0.400	154.400	151.00	0.47	-0.43	0.21	0.29	
243.00	2.400	142.100	242.97	2.62	-2.24	1.53	2.19	
338.00	3.600	156.100	337.84	7.48	-6.53	3.96	1.47	
426.00	5.300	162.100	425.57	14.30	-12.93	6.33	2.00	
516.00	6.700	161.700	515.07	23.71	-21.87	9.25	1.56	
604.00	7.300	158.900	602.42	34.43	-31.96	12.88	0.78	
693.00	8.100	161.700	690.61	46.35	-43.19	16.88	0.99	
780.00	10.000	160.000	776.53	60.03	-56.11	21.39	2.21	
870.00	10.500	163.500	865.09	76.03	-71.31	26.39	0.89	
957.00	11.100	165.300	950.55	92.29	-87.01	30.77	0.79	
1044.00	12.500	166.000	1035.71	110.01	-104.25	35.17	1.62	
1080.00	12.700	165.000	1070.84	117.83	-111.85	37.14	0.82	
1142.00	12.300	165.300	1131.37	131.20	-124.82	40.58	0.65	
1230.00	12.300	160.300	1217.36	149.92	-142.72	46.12	1.21	
1318.00	13.400	167.000	1303.15	169.42	-161.48	51.57	2.10	
1406.00	15.300	162.800	1388.41	191.15	-182.51	57.30	2.46	
1496.00	17.100	165.500	1474.83	216.20	-206.66	64.12	2.17	
1586.00	17.900	161.000	1560.67	243.21	-232.55	71.94	1.75	
1674.00	18.400	155.100	1644.30	270.57	-257.94	82.19	2.16	
1763.00	18.000	156.100	1728.85	298.27	-283.25	93.68	0.57	
1850.00	18.100	155.400	1811.56	325.13	-307.83	104.75	0.27	
1940.00	19.300	155.100	1896.81	353.87	-334.03	116.83	1.34	
2028.00	18.100	156.100	1980.16	381.98	-359.72	128.49	1.41	
2115.00	18.400	156.800	2062.79	409.16	-384.70	139.38	0.43	
2203.00	17.800	156.500	2146.43	436.44	-409.80	150.21	0.69	
2291.00	18.000	160.000	2230.18	463.46	-434.91	160.23	1.24	
2381.00	18.000	160.300	2315.77	491.27	-461.07	169.67	0.10	
2472.00	18.500	158.900	2402.19	519.76	-487.78	179.61	0.73	



Actual Wellpath Report

BADDING 37-35 AWP

Page 3 of 6



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#02 BADDING 37-35 (929'FSL & 1631'FEL)
Area	COLORADO	Well	BADDING 37-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 37-35 AWP
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (81 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2560.00	17.400	158.900	2485.91	546.87	-513.08	189.37	1.25	
2650.00	16.800	160.000	2571.93	573.33	-537.86	198.66	0.76	
2740.00	17.100	165.300	2658.03	599.52	-562.88	206.47	1.75	
2829.00	17.800	164.600	2742.93	626.13	-588.65	213.40	0.82	
2919.00	16.000	165.600	2829.04	652.20	-613.93	220.14	2.03	
3008.00	17.100	165.300	2914.35	677.46	-638.47	226.51	1.24	
3096.00	17.600	162.100	2998.35	703.65	-663.64	233.88	1.22	
3186.00	19.000	160.000	3083.80	731.90	-690.36	243.08	1.72	
3275.00	18.700	160.000	3168.02	760.65	-717.38	252.91	0.34	
3364.00	17.200	159.000	3252.69	788.08	-743.07	262.51	1.72	
3453.00	15.300	159.300	3338.13	812.97	-766.34	271.38	2.14	
3541.00	13.400	158.600	3423.38	834.78	-786.70	279.20	2.17	
3631.00	11.600	160.000	3511.24	854.25	-804.92	286.10	2.03	
3721.00	10.200	160.300	3599.62	871.27	-820.92	291.88	1.56	
3809.00	8.200	160.300	3686.48	885.34	-834.17	296.62	2.27	
3899.00	6.500	164.900	3775.74	896.83	-845.13	300.12	2.00	
3987.00	5.700	167.400	3863.24	906.14	-854.20	302.37	0.96	
4076.00	3.800	173.700	3951.93	913.40	-861.45	303.65	2.21	
4165.00	2.100	138.200	4040.82	917.78	-865.60	305.07	2.72	
4256.00	1.900	127.300	4131.76	920.58	-867.75	307.38	0.47	
4344.00	0.400	178.600	4219.74	922.10	-868.94	308.54	1.91	
4478.00	0.500	291.800	4353.74	922.15	-869.19	308.01	0.56	
4608.00	1.400	309.400	4483.72	920.42	-867.98	306.26	0.72	
4739.00	1.000	20.000	4614.70	918.17	-865.89	305.41	1.09	
4872.00	1.000	346.100	4747.68	916.12	-863.67	305.53	0.44	
5003.00	1.000	346.300	4878.66	913.84	-861.45	304.99	0.00	
5135.00	1.100	336.800	5010.64	911.43	-859.16	304.21	0.15	
5269.00	0.800	223.800	5144.63	910.57	-858.66	303.06	1.19	
5403.00	0.500	270.700	5278.62	910.78	-859.33	301.83	0.44	
5538.00	0.600	319.600	5413.61	909.92	-858.78	300.78	0.34	



Actual Wellpath Report

BADDING 37-35 AWP

Page 4 of 6



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#02 BADDING 37-35 (929'FSL & 1631'FEL)
Area	COLORADO	Well	BADDING 37-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 37-35 AWP
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (81 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5669.00	0.900	348.100	5544.60	908.26	-857.25	300.12	0.36	
5804.00	1.000	6.700	5679.58	906.15	-855.04	300.04	0.24	
5937.00	0.800	15.500	5812.57	904.35	-853.00	300.43	0.18	
6071.00	1.100	60.800	5946.55	903.37	-851.47	301.80	0.58	
6205.00	1.100	80.900	6080.53	903.39	-850.64	304.19	0.29	
6336.00	2.300	104.800	6211.47	905.10	-851.11	307.98	1.04	
6469.00	1.600	104.800	6344.39	907.66	-852.26	312.35	0.53	
6602.00	1.400	101.600	6477.34	909.55	-853.07	315.74	0.16	
6736.00	1.300	81.900	6611.31	910.70	-853.18	318.85	0.35	
6870.00	1.100	61.900	6745.28	910.81	-852.36	321.49	0.34	
7004.00	0.700	53.100	6879.26	910.38	-851.26	323.27	0.31	
7137.00	0.800	18.700	7012.25	909.41	-849.90	324.22	0.34	
7269.00	0.700	357.600	7144.24	907.91	-848.22	324.48	0.22	
7401.00	0.900	338.600	7276.23	906.11	-846.45	324.07	0.25	
7536.00	1.000	312.600	7411.21	904.00	-844.66	322.82	0.32	
7668.00	1.200	292.900	7543.19	902.05	-843.34	320.70	0.32	
7802.00	0.600	316.400	7677.17	900.46	-842.29	318.92	0.52	
7935.00	0.400	0.000	7810.16	899.39	-841.32	318.44	0.31	
8069.00	0.100	229.600	7944.16	898.99	-840.93	318.35	0.35	
8190.00	0.200	48.900	8065.16	898.95	-840.86	318.43	0.25	LAST BHI MWD SURVEY
8240.00	0.200	48.900	8115.16	898.89	-840.74	318.56	0.00	PROJECTION TO BIT

HOLE & CASING SECTIONS Ref Wellbore: BADDING 37-35 AWP Ref Wellpath: BADDING 37-35 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	1127.00	1112.00	15.00	1116.72	0.00	0.00	-121.72	39.76
7.875in Open Hole	1127.00	8240.00	7113.00	1116.72	8115.16	-121.72	39.76	-840.74	318.56



Actual Wellpath Report

BADDING 37-35 AWP

Page 5 of 6



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#02 BADDING 37-35 (929'FSL & 1631'FEL)
Area	COLORADO	Well	BADDING 37-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 37-35 AWB
Facility	SEC.35-T2N-R66W		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
BADDING 37-35 GEO TARGET 50' RADIUS (50'FSL & 1320'FEL, REV-1)		6000.00	-876.12	311.70	3212765.72	1275634.34	40°05'15.011"N	104°44'22.394"W	circle
BADDING 37-35 HARDLINE 50'S OF GEO TARGET		6000.00	-926.12	311.70	3212766.15	1275584.35	40°05'14.517"N	104°44'22.394"W	point

WELLPATH COMPOSITION Ref Wellbore: BADDING 37-35 AWB Ref Wellpath: BADDING 37-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	1142.00	NaviTrak (Standard)	BHI MWD SURVEYS 12.25 HOLE <151-1142>	BADDING 37-35 AWB
1142.00	8190.00	NaviTrak (Standard)	BHI MWD SURVEYS 7.875 HOLE <1230-8190>	BADDING 37-35 AWB
8190.00	8240.00	Blind Drilling (std)	Projection to bit	BADDING 37-35 AWB



Actual Wellpath Report

BADDING 37-35 AWP

Page 6 of 6



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#02 BADDING 37-35 (929'FSL & 1631'FEL)
Area	COLORADO	Well	BADDING 37-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 37-35 AWB
Facility	SEC.35-T2N-R66W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
15.00	0.000	154.400	15.00	TIE ON
8190.00	0.200	48.900	8065.16	LAST BHI MWD SURVEY
8240.00	0.200	48.900	8115.16	PROJECTION TO BIT