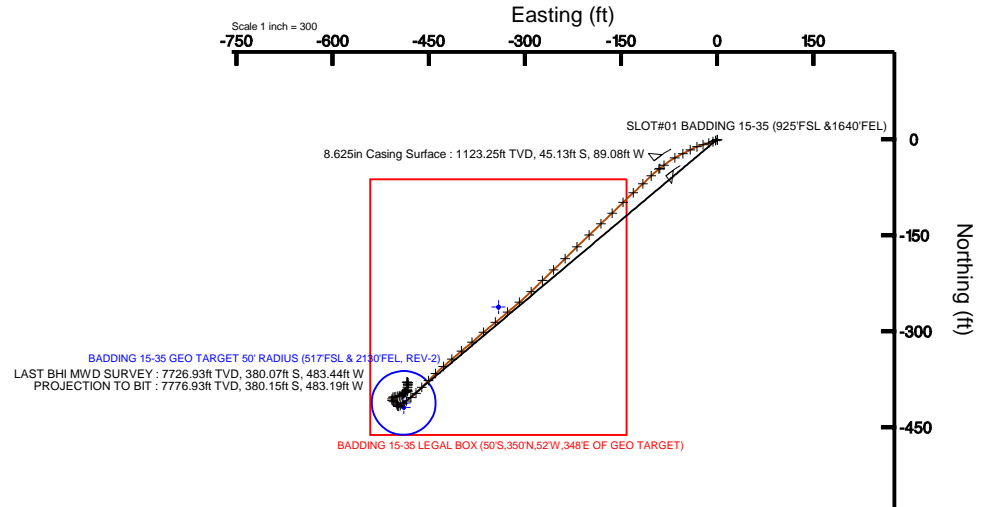
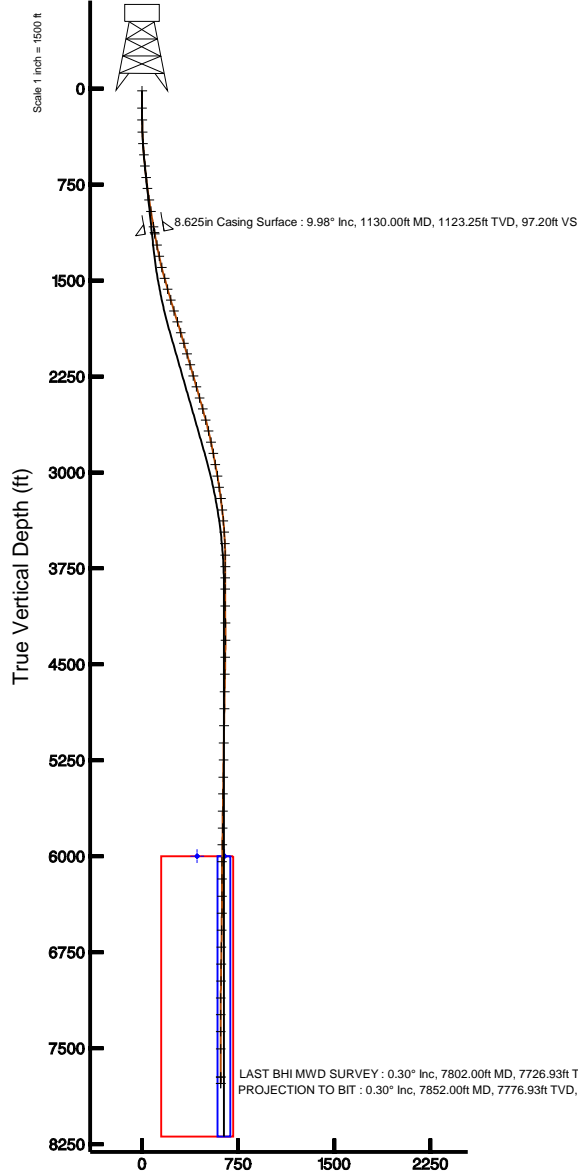


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#01 BADDING 15-35 (925'FSL &1640'FEL)
 Field: WELD COUNTY (KERR MCGEE) Well: BADDING 15-35
 Facility: SEC.35-T2N-R66W Wellbore: BADDING 15-35 PWB



Plot reference wellpath is BADDING 15-35 (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 15-35 AWP

Page 1 of 6



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#01 BADDING 15-35 (925'FSL &1640'FEL)
Area	COLORADO	Well	BADDING 15-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 15-35 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 8:58:40 AM
Convergence at slot	0.49° East	Database/Source file	WA_DENVER/BADDING_15-35_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	3212437.05	1276504.37	40°05'23.636"N	104°44'26.527"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	229.89°



Actual Wellpath Report

BADDING 15-35 AWP

Page 2 of 6



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#01 BADDING 15-35 (925'FSL &1640'FEL)
Area	COLORADO	Well	BADDING 15-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 15-35 AWB
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (75 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	92.100	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	92.100	15.00	0.00	0.00	0.00	0.00	TIE ON
151.00	0.600	92.100	151.00	-0.53	-0.03	0.71	0.44	
243.00	1.100	240.500	242.99	-0.02	-0.48	0.42	1.78	
338.00	2.300	248.600	337.95	2.69	-1.62	-2.14	1.29	
428.00	3.700	248.200	427.82	7.15	-3.36	-6.52	1.56	
516.00	5.300	254.900	515.55	13.53	-5.47	-13.08	1.91	
605.00	6.200	252.400	604.10	21.70	-8.00	-21.63	1.05	
694.00	6.900	249.300	692.52	31.18	-11.34	-31.21	0.88	
782.00	8.100	242.600	779.77	42.21	-16.06	-41.66	1.69	
871.00	8.900	243.000	867.79	55.03	-22.07	-53.37	0.90	
962.00	9.300	240.800	957.64	69.11	-28.86	-66.06	0.58	
1085.00	9.900	231.300	1078.93	89.44	-40.32	-82.99	1.38	
1141.00	10.000	232.400	1134.09	99.11	-46.29	-90.59	0.38	
1231.00	10.900	226.100	1222.60	115.41	-56.96	-102.92	1.61	
1320.00	12.100	226.400	1309.81	133.12	-69.23	-115.74	1.35	
1410.00	14.100	227.500	1397.46	153.49	-83.14	-130.65	2.24	
1497.00	15.300	225.400	1481.61	175.52	-98.36	-146.64	1.51	
1586.00	16.200	226.100	1567.27	199.61	-115.22	-163.95	1.03	
1673.00	16.200	226.100	1650.82	223.83	-132.05	-181.43	0.00	
1762.00	17.000	226.400	1736.11	249.21	-149.63	-199.80	0.90	
1852.00	16.900	225.400	1822.20	275.38	-167.89	-218.64	0.34	
1941.00	17.300	225.000	1907.26	301.46	-186.33	-237.21	0.47	
2028.00	16.300	226.800	1990.55	326.55	-203.83	-255.26	1.30	
2114.00	16.200	225.000	2073.11	350.55	-220.58	-272.54	0.60	
2203.00	16.100	225.700	2158.60	375.23	-237.98	-290.15	0.25	
2293.00	16.000	229.900	2245.10	400.08	-254.68	-308.57	1.29	
2382.00	15.600	229.600	2330.73	424.31	-270.34	-327.07	0.46	
2472.00	16.000	231.300	2417.33	448.81	-285.94	-345.96	0.68	
2562.00	15.800	228.500	2503.89	473.46	-301.81	-364.82	0.88	



Actual Wellpath Report

BADDING 15-35 AWP

Page 3 of 6



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#01 BADDING 15-35 (925'FSL &1640'FEL)
Area	COLORADO	Well	BADDING 15-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 15-35 AWB
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (75 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2651.00	14.800	229.600	2589.74	496.94	-317.21	-382.55	1.17	
2739.00	13.400	230.300	2675.08	518.38	-331.01	-398.96	1.60	
2829.00	11.800	229.200	2762.91	538.01	-343.68	-413.95	1.80	
2919.00	10.900	229.600	2851.15	555.72	-355.21	-427.40	1.00	
3008.00	10.500	225.000	2938.60	572.22	-366.40	-439.54	1.06	
3098.00	9.700	225.700	3027.21	587.95	-377.49	-450.76	0.90	
3187.00	9.200	223.600	3115.00	602.50	-387.88	-461.04	0.68	
3277.00	7.500	226.800	3204.04	615.52	-397.11	-470.28	1.96	
3366.00	6.300	232.400	3292.40	626.20	-404.07	-478.38	1.54	
3453.00	5.000	233.100	3378.97	634.75	-409.26	-485.20	1.50	
3541.00	3.700	235.900	3466.72	641.40	-413.15	-490.62	1.50	
3630.00	2.900	230.600	3555.57	646.51	-416.19	-494.73	0.96	
3721.00	1.100	267.600	3646.52	649.50	-417.69	-497.39	2.34	
3811.00	0.900	324.200	3736.50	650.13	-417.15	-498.66	1.07	
3899.00	1.100	326.600	3824.49	649.98	-415.89	-499.53	0.23	
3986.00	1.000	24.300	3911.48	649.20	-414.50	-499.68	1.17	
4120.00	2.100	302.000	4045.44	648.90	-412.13	-501.28	1.64	
4252.00	1.700	290.000	4177.37	650.62	-410.18	-505.17	0.43	
4387.00	1.200	336.500	4312.33	651.21	-408.20	-507.62	0.91	
4519.00	1.100	26.000	4444.30	649.66	-405.79	-507.61	0.73	
4653.00	1.100	36.600	4578.28	647.23	-403.60	-506.28	0.15	
4789.00	1.000	99.200	4714.26	645.19	-402.74	-504.33	0.80	
4922.00	1.200	73.500	4847.24	643.15	-402.53	-501.85	0.40	
5055.00	1.500	77.000	4980.20	640.33	-401.75	-498.82	0.23	
5189.00	1.000	82.600	5114.17	637.78	-401.20	-495.95	0.38	
5323.00	0.900	69.300	5248.15	635.81	-400.68	-493.81	0.18	
5458.00	0.700	39.000	5383.14	634.00	-399.66	-492.30	0.34	
5589.00	0.700	47.800	5514.13	632.41	-398.50	-491.20	0.08	
5723.00	0.900	47.800	5648.11	630.54	-397.25	-489.81	0.15	
5857.00	0.700	73.500	5782.10	628.74	-396.31	-488.25	0.30	



Actual Wellpath Report

BADDING 15-35 AWP

Page 4 of 6



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#01 BADDING 15-35 (925'FSL &1640'FEL)
Area	COLORADO	Well	BADDING 15-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 15-35 AWB
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (75 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5987.00	1.000	72.800	5912.09	626.97	-395.75	-486.40	0.23	
6118.00	1.100	58.400	6043.06	624.67	-394.75	-484.24	0.21	
6253.00	0.100	32.000	6178.06	623.28	-393.97	-483.07	0.75	
6388.00	0.400	289.400	6313.05	623.40	-393.72	-483.46	0.32	
6522.00	0.700	3.900	6447.05	623.07	-392.74	-483.84	0.53	
6655.00	1.000	359.700	6580.04	621.77	-390.77	-483.79	0.23	
6788.00	1.600	12.000	6713.00	619.56	-387.80	-483.41	0.50	
6920.00	0.700	350.900	6844.97	617.69	-385.20	-483.16	0.74	
7052.00	1.100	18.000	6976.96	616.20	-383.20	-482.89	0.43	
7186.00	0.500	341.000	7110.94	614.89	-381.42	-482.69	0.57	
7316.00	0.500	306.600	7240.94	614.82	-380.54	-483.33	0.23	
7448.00	0.400	313.600	7372.94	615.00	-379.88	-484.12	0.09	
7582.00	0.200	132.600	7506.93	615.02	-379.72	-484.29	0.45	
7802.00	0.300	99.500	7726.93	614.60	-380.07	-483.44	0.08	LAST BHI MWD SURVEY
7852.00	0.300	115.200	7776.93	614.46	-380.15	-483.19	0.16	PROJECTION TO BIT

HOLE & CASING SECTIONS Ref Wellbore: BADDING 15-35 AWB Ref Wellpath: BADDING 15-35 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	1130.00	1115.00	15.00	1123.25	0.00	0.00	-45.13	-89.08
7.875in Open Hole	1130.00	7852.00	6722.00	1123.25	7776.93	-45.13	-89.08	-380.15	-483.19



Actual Wellpath Report

BADDING 15-35 AWP

Page 5 of 6



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#01 BADDING 15-35 (925'FSL &1640'FEL)
Area	COLORADO	Well	BADDING 15-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 15-35 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 15-35 BHL ON PLAT (510'FSL & 2130'FEL, REV-1)		6000.00	-419.30	-489.37	3211951.31	1276080.91	40°05'19.493"N	104°44'32.824"W	point
BADDING 15-35 GEO TARGET 50' RADIUS (517'FSL & 2130'FEL, REV-2)		6000.00	-412.30	-489.37	3211951.25	1276087.91	40°05'19.562"N	104°44'32.824"W	circle
BADDING 15-35 LEGAL BOX (50'S,350'N,52'W,348'E OF GEO TARGET)		6000.00	-262.30	-341.37	3212097.96	1276239.17	40°05'21.044"N	104°44'30.919"W	square

WELLPATH COMPOSITION Ref Wellbore: BADDING 15-35 AWB Ref Wellpath: BADDING 15-35 AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	1141.00	NaviTrak (Standard)	BHI MWD SURVEYS 12.25 HOLE <151-1141>	BADDING 15-35 AWB
1141.00	7802.00	NaviTrak (Standard)	BHI MWD SURVEYS 7.875 HOLE <1231-7802>	BADDING 15-35 AWB
7802.00	7852.00	Blind Drilling (std)	Projection to bit	BADDING 15-35 AWB



Actual Wellpath Report

BADDING 15-35 AWP

Page 6 of 6



INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#01 BADDING 15-35 (925'FSL &1640'FEL)
Area	COLORADO	Well	BADDING 15-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 15-35 AWB
Facility	SEC.35-T2N-R66W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
15.00	0.000	92.100	15.00	TIE ON
7802.00	0.300	99.500	7726.93	LAST BHI MWD SURVEY
7852.00	0.300	115.200	7776.93	PROJECTION TO BIT