

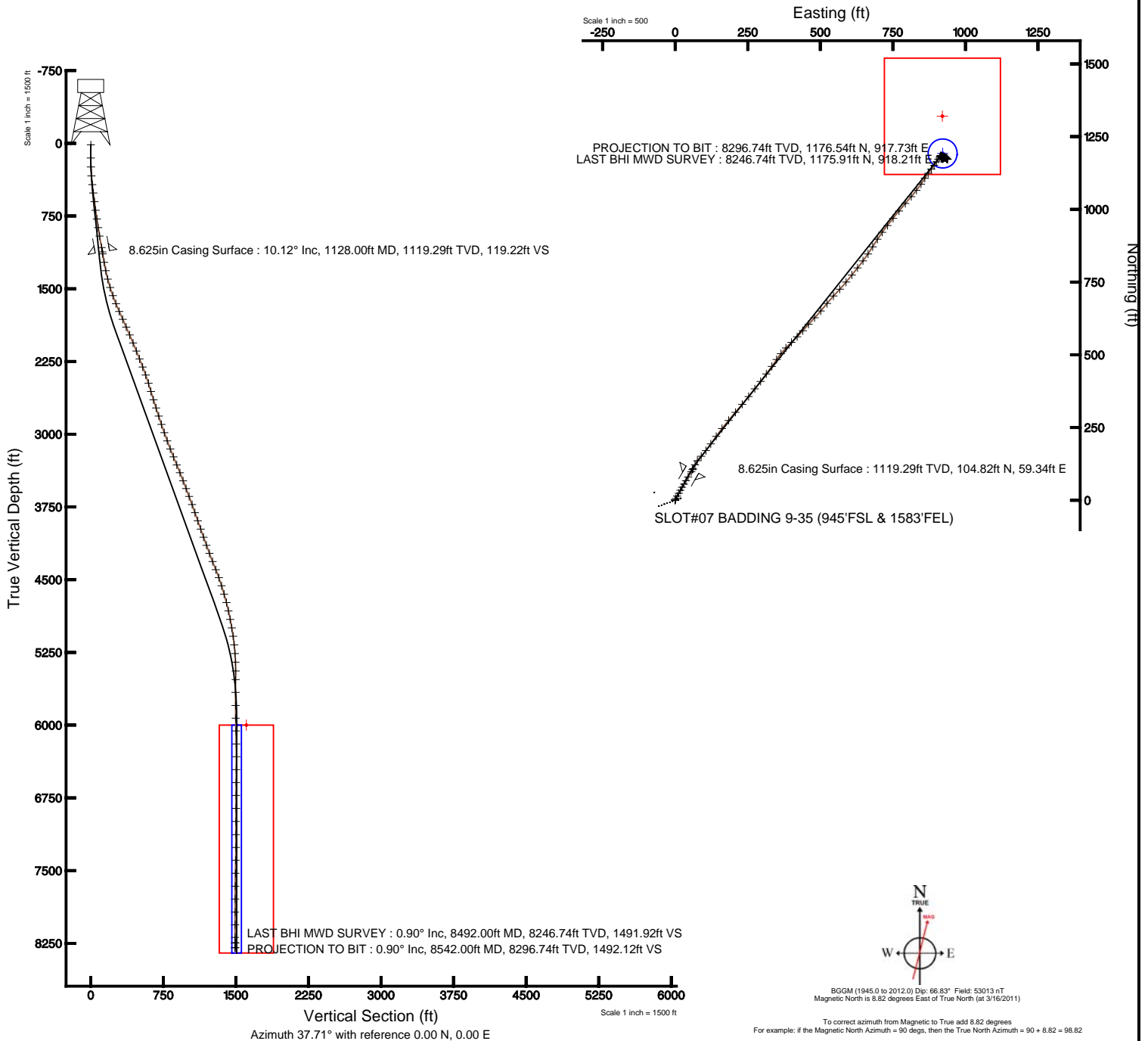


KERR MCGEE OIL & GAS ONSHORE LP

Location: COLORADO Slot: SLOT#07 BADDING 9-35 (945'FSL & 1583'FEL)
Field: WELD COUNTY (KERR MCGEE) Well: BADDING 9-35
Facility: SEC.35-T2N-R66W Wellbore: BADDING 9-35 PWB



Plot reference wellbore is BADDING 9-35 (REV.C.0) PWB	Grid System: NAD83 / Lambert Colorado SP, Northern Zone (001), US feet
True vertical depths are referenced to XTREME 15 (RKB)	North Reference: True north
Measured depths are referenced to XTREME 15 (RKB)	Scale: True distance
XTREME 15 (RKB) to Mean Sea Level: 5100 feet	Depths are in feet
Mean Sea Level to Mud line (At Slot: SLOT#07 BADDING 9-35 (945'FSL & 1583'FEL)): 0 feet	Created by: cookdown on 6/28/2011
Coordinates are in feet referenced to Slot	





Actual Wellpath Report

BADDING 9-35 awp

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#07 BADDING 9-35 (945'FSL & 1583'FEL)
Area	COLORADO	Well	BADDING 9-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 9-35 awb
Facility	SEC.35-T2N-R66W		

REPORT SETUP INFORMATION

Projection System	NAD83 / Lambert Colorado SP, Northern Zone (501), US feet	Software System	WellArchitect® 3.0.0
North Reference	True	User	Cookdanm
Scale	0.999961	Report Generated	6/28/2011 at 11:16:13 AM
Convergence at slot	0.49° East	Database/Source file	WA_DENVER/BADDING_9-35_awb_.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[US ft]	Northing[US ft]	Latitude	Longitude
Slot Location	20.40	56.52	3212493.39	1276525.25	40°05'23.838"N	104°44'25.800"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	5100.00ft
Horizontal Reference Pt	Slot	XTREME 15 (RKB) to Mean Sea Level	5100.00ft
Vertical Reference Pt	XTREME 15 (RKB)	XTREME 15 (RKB) to Mud Line at Slot (SLOT#07 BADDING 9-35 (945'FSL & 1583'FEL))	5100.00ft
MD Reference Pt	XTREME 15 (RKB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	37.71°



Actual Wellpath Report

BADDING 9-35 awp

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REFERENCE WELLPATH IDENTIFICATION			
Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#07 BADDING 9-35 (945'FSL & 1583'FEL)
Area	COLORADO	Well	BADDING 9-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 9-35 awb
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (88 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00†	0.000	251.700	0.00	0.00	0.00	0.00	0.00	
15.00	0.000	251.700	15.00	0.00	0.00	0.00	0.00	
150.00	0.400	251.700	150.00	-0.39	-0.15	-0.45	0.30	
243.00	1.800	18.700	242.98	0.72	1.13	-0.29	2.22	
335.00	4.600	26.000	334.83	5.70	5.82	1.79	3.07	
426.00	7.100	31.000	425.35	14.86	13.92	6.29	2.80	
513.00	7.700	30.600	511.63	25.98	23.55	12.03	0.69	
603.00	7.500	26.500	600.84	37.73	33.99	17.72	0.64	
693.00	7.800	33.100	690.04	49.58	44.37	23.67	1.03	
784.00	8.300	30.300	780.14	62.25	55.21	30.36	0.70	
873.00	9.200	28.800	868.10	75.65	66.99	37.03	1.04	
962.00	9.800	31.300	955.88	90.20	79.70	44.39	0.82	
1083.00	10.400	30.600	1075.01	111.27	97.90	55.30	0.51	
1148.00	10.000	29.600	1138.98	122.68	107.85	61.07	0.67	
1237.00	10.100	25.300	1226.62	137.95	121.63	68.23	0.85	
1325.00	11.100	34.500	1313.12	153.95	135.59	76.32	2.23	
1415.00	15.000	44.000	1400.79	174.19	151.11	89.33	4.93	
1505.00	17.900	37.300	1487.10	199.60	170.50	105.80	3.85	
1593.00	19.700	35.500	1570.41	227.95	193.33	122.61	2.15	
1682.00	22.100	35.200	1653.54	259.67	219.23	140.98	2.70	
1769.00	23.500	38.000	1733.75	293.37	246.27	161.09	2.04	
1858.00	24.600	40.100	1815.02	329.62	274.43	183.95	1.57	
1946.00	24.300	40.500	1895.13	366.01	302.21	207.51	0.39	
2035.00	23.300	40.100	1976.56	401.88	329.60	230.74	1.14	
2124.00	22.700	39.000	2058.48	436.64	356.41	252.88	0.83	
2214.00	21.700	38.700	2141.81	470.64	382.89	274.22	1.12	
2302.00	21.500	38.300	2223.63	503.03	408.24	294.38	0.28	
2391.00	21.300	35.900	2306.50	535.50	434.13	313.97	1.01	
2480.00	20.700	36.600	2389.59	567.38	459.86	332.83	0.73	
2570.00	17.100	32.700	2474.72	596.47	483.77	349.46	4.24	
2658.00	15.800	40.100	2559.13	621.34	503.82	364.17	2.80	
2748.00	18.100	42.900	2645.21	647.51	523.44	381.58	2.71	
2836.00	17.800	45.700	2728.93	674.44	542.85	400.52	1.04	
2924.00	18.400	45.400	2812.58	701.52	562.00	420.03	0.69	
3015.00	18.500	41.500	2898.90	730.16	582.89	439.83	1.36	
3105.00	19.800	42.200	2983.92	759.61	604.88	459.53	1.47	
3195.00	19.600	43.300	3068.65	789.83	627.16	480.12	0.47	
3284.00	22.300	41.500	3151.76	821.54	650.67	501.55	3.12	
3372.00	22.400	39.000	3233.16	854.96	676.21	523.17	1.09	
3462.00	21.900	41.900	3316.52	888.85	702.03	545.17	1.34	
3549.00	21.500	44.700	3397.35	920.86	725.44	567.22	1.28	
3638.00	21.600	38.400	3480.14	953.43	749.87	588.87	2.60	
3724.00	21.400	39.400	3560.16	984.94	774.40	608.66	0.49	
3811.00	20.700	38.000	3641.35	1016.18	798.79	628.20	0.99	
3900.00	19.600	37.300	3724.90	1046.84	823.06	646.93	1.27	



Actual Wellpath Report

BADDING 9-35 awp

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#07 BADDING 9-35 (945'FSL & 1583'FEL)
Area	COLORADO	Well	BADDING 9-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 9-35 awb
Facility	SEC.35-T2N-R66W		

WELLPATH DATA (88 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
3989.00	19.200	35.500	3808.85	1076.39	846.85	664.48	0.81	
4078.00	19.400	31.300	3892.85	1105.70	871.39	680.65	1.58	
4169.00	19.600	32.000	3978.63	1135.91	897.25	696.59	0.34	
4257.00	19.000	38.000	4061.70	1164.92	921.06	713.24	2.35	
4346.00	20.300	38.300	4145.51	1194.85	944.59	731.73	1.47	
4435.00	20.700	37.600	4228.88	1226.02	969.17	750.89	0.53	
4525.00	21.700	40.100	4312.79	1258.55	994.50	771.31	1.50	
4616.00	21.700	40.500	4397.34	1292.16	1020.16	793.08	0.16	
4704.00	20.000	40.100	4479.57	1323.45	1044.04	813.34	1.94	
4792.00	17.500	39.400	4562.89	1351.72	1065.78	831.43	2.85	
4882.00	16.500	33.800	4648.97	1378.00	1086.86	847.13	2.13	
4973.00	14.300	32.700	4736.69	1402.09	1107.06	860.39	2.44	
5062.00	12.600	35.900	4823.25	1422.74	1124.17	872.03	2.08	
5151.00	10.800	36.600	4910.40	1440.78	1138.73	882.69	2.03	
5240.00	10.300	35.200	4997.89	1457.07	1151.93	892.25	0.63	
5327.00	8.200	34.800	5083.76	1471.04	1163.38	900.27	2.41	
5416.00	6.300	31.300	5172.04	1482.23	1172.77	906.43	2.19	
5506.00	4.400	36.200	5261.65	1490.59	1179.77	911.04	2.17	
5595.00	2.000	42.600	5350.50	1495.55	1183.67	914.11	2.72	
5686.00	0.500	77.400	5441.48	1497.44	1184.93	915.57	1.77	
5775.00	1.000	211.300	5530.47	1496.96	1184.35	915.54	1.57	
5908.00	0.400	132.200	5663.47	1495.77	1183.04	915.29	0.76	
6042.00	0.500	81.200	5797.46	1496.16	1182.82	916.21	0.30	
6174.00	1.700	91.800	5929.44	1497.73	1182.85	918.74	0.92	
6305.00	1.900	96.300	6060.37	1500.00	1182.55	922.84	0.19	
6439.00	3.300	99.500	6194.23	1502.98	1181.67	928.85	1.05	
6571.00	1.700	154.000	6326.12	1503.91	1179.28	933.46	2.04	
6704.00	2.100	138.900	6459.04	1502.56	1175.67	935.92	0.48	
6838.00	1.200	145.200	6592.99	1501.66	1172.67	938.34	0.68	
6971.00	0.600	299.900	6725.98	1501.15	1171.87	938.53	1.32	
7104.00	0.900	292.500	6858.97	1500.78	1172.62	936.96	0.24	
7239.00	1.300	307.600	6993.94	1500.50	1173.96	934.77	0.36	
7375.00	1.800	309.400	7129.89	1500.56	1176.25	931.89	0.37	
7508.00	1.100	282.700	7262.85	1500.08	1177.86	929.03	0.72	
7640.00	1.500	232.100	7394.82	1497.87	1177.08	926.43	0.89	
7774.00	1.200	229.200	7528.78	1494.80	1175.08	923.99	0.23	
7907.00	0.800	257.000	7661.76	1492.72	1173.97	922.03	0.46	
8040.00	0.300	291.100	7794.76	1491.90	1173.88	920.80	0.43	
8174.00	0.300	310.100	7928.75	1491.81	1174.23	920.20	0.07	
8305.00	0.600	312.900	8059.75	1491.89	1174.92	919.44	0.23	
8435.00	0.300	290.800	8189.75	1491.85	1175.51	918.62	0.26	
8492.00	0.900	322.400	8246.74	1491.92	1175.91	918.21	1.16	LAST BHI MWD SURVEY
8542.00	0.900	322.400	8296.74	1492.12	1176.54	917.73	0.00	PROJECTION TO BIT



Actual Wellpath Report

BADDING 9-35 awp

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REFERENCE WELLPATH IDENTIFICATION

Operator	KERR MCGEE OIL & GAS ONSHORE LP	Slot	SLOT#07 BADDING 9-35 (945'FSL & 1583'FEL)
Area	COLORADO	Well	BADDING 9-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 9-35 awb
Facility	SEC.35-T2N-R66W		

HOLE & CASING SECTIONS - Ref Wellbore: BADDING 9-35 awb Ref Wellpath: BADDING 9-35 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]
12.25in Open Hole	15.00	1138.00	1123.00	15.00	1129.13	0.00	0.00	106.34	60.21
8.625in Casing Surface	15.00	1128.00	1113.00	15.00	1119.29	0.00	0.00	104.82	59.34
7.875in Open Hole	1128.00	8542.00	7414.00	1119.29	8296.74	104.82	59.34	1176.54	917.73

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [US ft]	Grid North [US ft]	Latitude	Longitude	Shape
BADDING 9-35 GEO TARGET 50' RADIUS (2130'FSL & 660'FEL, REV-1)		6000.00	1192.35	921.88	3213404.99	1277725.40	40°05'35.621"N	104°44'13.938"W	circle
BADDING 9-35 LEGAL BOX (72'S,328'N,199'E,201'W OF GEO TARGET)		6000.00	1320.35	920.88	3213402.89	1277853.38	40°05'36.886"N	104°44'13.951"W	square

WELLPATH COMPOSITION - Ref Wellbore: BADDING 9-35 awb Ref Wellpath: BADDING 9-35 awp

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
15.00	962.00	NaviTrak (Standard)	BHI MWD SURVEYS 12.25 HOLE <150-962>	BADDING 9-35 awb
962.00	8492.00	NaviTrak (Standard)	BHI MWD SURVEYS 7.875 HOLE <1083-8492>	BADDING 9-35 awb
8492.00	8542.00	Blind Drilling (std)	Projection to bit	BADDING 9-35 awb



Actual Wellpath Report

BADDING 9-35 awp

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Area	COLORADO	Well	BADDING 9-35
Field	WELD COUNTY (KERR MCGEE)	Wellbore	BADDING 9-35 awb
Facility	SEC.35-T2N-R66W		

WELLPATH COMMENTS

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Comment
8492.00	0.900	322.400	8246.74	LAST BHI MWD SURVEY
8542.00	0.900	322.400	8296.74	PROJECTION TO BIT