



Standard Wellpath Report
Sandridge
Sec 7 - 34S - 6W, Kansas
Harper County
Wellbore: Turner 3406 6-7H (Actual)

Wellbore

Name	Created	Last Revised
Turner 3406 6-7H (Actual)	14-May-2013	4-Jun-2013

Well

Name	Government ID	Last Revised
Turner 3406 6-7H		14-May-2013

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Turner 3406 6-7H	156359.0000	2143356.0000	N37 5 42.1633	W98 0 30.6915	218.99N	1962.93W

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Harper County	2145319.0000	156140.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 7 - 34S - 6W	2145319.0000	156140.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

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Comments

FINAL Surveys. MD 9487 is a projection to bit @ TD



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 Sec 7 - 34S - 6W, Kansas
 Harper County
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Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
0.00	0.00	0.000	0.00	0.00N	0.00E		0.00	2143356.00	156359.00
205.00	0.60	292.900	205.00	0.42N	0.99W	0.29	-0.43	2143355.01	156359.42
295.00	1.70	331.500	294.98	1.77N	2.06W	1.43	-1.79	2143353.94	156360.77
415.00	2.10	323.000	414.91	5.09N	4.23W	0.41	-5.13	2143351.77	156364.09
476.00	2.30	324.000	475.87	6.98N	5.62W	0.33	-7.03	2143350.38	156365.98
568.00	2.30	338.400	567.79	10.19N	7.39W	0.63	-10.26	2143348.61	156369.19
726.00	2.20	322.500	725.67	15.54N	10.40W	0.40	-15.64	2143345.60	156374.54
968.00	1.70	332.900	967.53	22.42N	14.87W	0.25	-22.56	2143341.13	156381.42
1060.00	0.40	26.600	1059.52	23.92N	15.34W	1.63	-24.07	2143340.66	156382.92
1427.00	0.70	140.400	1426.51	23.34N	13.34W	0.26	-23.46	2143342.66	156382.34
1902.00	0.50	142.500	1901.48	19.46N	10.23W	0.04	-19.56	2143345.77	156378.46
2377.00	0.60	112.100	2376.46	16.88N	6.66W	0.06	-16.94	2143349.34	156375.88
2852.00	0.60	63.600	2851.44	17.05N	2.13W	0.10	-17.07	2143353.87	156376.05
3327.00	0.60	74.300	3326.41	18.83N	2.49E	0.02	-18.81	2143358.49	156377.83
3707.00	2.20	220.800	3706.33	13.85N	0.36W	0.72	-13.85	2143355.64	156372.85
3802.00	1.90	229.100	3801.27	11.44N	2.74W	0.44	-11.46	2143353.26	156370.44
3834.00	2.90	222.000	3833.24	10.49N	3.68W	3.25	-10.52	2143352.31	156369.49
3865.00	4.10	206.900	3864.18	8.92N	4.71W	4.85	-8.96	2143351.29	156367.92
3897.00	4.90	197.400	3896.09	6.59N	5.64W	3.41	-6.64	2143350.36	156365.59
3922.00	6.30	185.600	3920.97	4.21N	6.09W	7.22	-4.26	2143349.91	156363.21
3954.00	7.50	187.100	3952.73	0.39N	6.52W	3.79	-0.45	2143349.48	156359.39
3986.00	9.10	183.500	3984.40	4.21S	6.93W	5.25	4.15	2143349.07	156354.79
4017.00	10.80	183.300	4014.93	9.56S	7.25W	5.48	9.49	2143348.75	156349.44
4050.00	13.30	183.900	4047.20	16.43S	7.69W	7.59	16.36	2143348.31	156342.57
4081.00	16.00	185.800	4077.19	24.24S	8.36W	8.85	24.16	2143347.64	156334.76
4113.00	18.50	185.500	4107.75	33.69S	9.29W	7.82	33.60	2143346.71	156325.31
4144.00	20.60	184.100	4136.96	44.02S	10.15W	6.94	43.93	2143345.85	156314.98
4176.00	22.90	181.800	4166.68	55.86S	10.75W	7.66	55.76	2143345.25	156303.14
4208.00	25.50	184.300	4195.87	68.96S	11.46W	8.73	68.85	2143344.54	156290.04
4239.00	27.80	185.400	4223.57	82.81S	12.65W	7.59	82.69	2143343.35	156276.19
4271.00	30.00	179.800	4251.59	98.24S	13.32W	10.89	98.11	2143342.68	156260.75
4303.00	32.30	182.000	4278.98	114.79S	13.59W	8.02	114.66	2143342.41	156244.21
4335.00	35.00	182.000	4305.61	132.51S	14.21W	8.44	132.37	2143341.79	156226.49
4366.00	37.10	181.600	4330.67	150.74S	14.78W	6.82	150.60	2143341.22	156208.25
4398.00	39.20	179.300	4355.84	170.50S	14.93W	7.92	170.36	2143341.07	156188.49
4430.00	41.80	178.300	4380.17	191.28S	14.49W	8.37	191.14	2143341.51	156167.71
4461.00	44.30	177.500	4402.82	212.43S	13.71W	8.25	212.29	2143342.29	156146.57
4493.00	47.10	178.000	4425.17	235.31S	12.81W	8.82	235.18	2143343.19	156123.68
4525.00	48.90	179.500	4446.58	259.08S	12.30W	6.62	258.95	2143343.70	156099.91
4556.00	51.00	179.100	4466.53	282.81S	12.01W	6.85	282.68	2143343.99	156076.18
4588.00	52.70	177.000	4486.29	307.95S	11.14W	7.41	307.84	2143344.86	156051.04
4620.00	55.60	176.400	4505.03	333.85S	9.65W	9.19	333.74	2143346.35	156025.14
4651.00	58.50	176.300	4521.89	359.80S	7.99W	9.36	359.71	2143348.01	155999.18
4683.00	61.30	177.500	4537.94	387.44S	6.50W	9.33	387.37	2143349.50	155971.54
4715.00	63.70	177.900	4552.72	415.80S	5.36W	7.58	415.74	2143350.64	155943.18
4746.00	65.80	179.300	4565.94	443.83S	4.68W	7.91	443.77	2143351.32	155915.15
4778.00	68.00	181.000	4578.49	473.26S	4.76W	8.43	473.20	2143351.24	155885.72
4809.00	70.80	181.100	4589.40	502.27S	5.29W	9.04	502.20	2143350.71	155856.71
4841.00	73.10	180.100	4599.31	532.69S	5.61W	7.78	532.62	2143350.39	155826.29
4873.00	75.80	179.300	4607.89	563.52S	5.45W	8.77	563.44	2143350.55	155795.46
4904.00	78.20	179.600	4614.86	593.72S	5.16W	7.80	593.65	2143350.84	155765.26
4936.00	80.70	180.000	4620.72	625.18S	5.05W	7.91	625.10	2143350.95	155733.80
4968.00	83.60	179.900	4625.09	656.87S	5.02W	9.07	656.80	2143350.98	155702.10
4999.00	85.40	179.400	4628.06	687.73S	4.83W	6.02	687.65	2143351.17	155671.25
5031.00	86.40	176.800	4630.35	719.63S	3.77W	8.69	719.56	2143352.23	155639.35
5063.00	86.80	177.100	4632.25	751.52S	2.07W	1.56	751.47	2143353.93	155607.45
5126.00	87.20	177.300	4635.55	814.36S	1.00E	0.71	814.34	2143357.00	155544.61
5221.00	90.70	178.400	4637.29	909.26S	4.56E	3.86	909.27	2143360.56	155449.70
5313.00	91.80	177.800	4635.28	1001.19S	7.61E	1.36	1001.22	2143363.61	155357.77
5445.00	90.80	176.300	4632.29	1132.97S	14.40E	1.37	1133.06	2143370.40	155225.98
5537.00	86.60	172.300	4634.37	1224.46S	23.53E	6.30	1224.62	2143379.53	155134.50
5629.00	87.20	173.800	4639.35	1315.64S	34.65E	1.75	1315.91	2143390.65	155043.31
5721.00	88.30	174.900	4642.96	1407.12S	43.70E	1.69	1407.47	2143399.70	154951.82
5812.00	87.60	178.300	4646.22	1497.89S	49.09E	3.81	1498.28	2143405.09	154861.05
5906.00	87.00	179.100	4650.65	1591.76S	51.22E	1.06	1592.17	2143407.22	154767.18
5998.00	87.80	180.500	4654.82	1683.66S	51.54E	1.75	1684.07	2143407.54	154675.27
6029.00	88.90	182.100	4655.71	1714.64S	50.84E	6.26	1715.04	2143406.84	154644.30
6090.00	90.10	182.800	4656.24	1775.58S	48.23E	2.28	1775.95	2143404.23	154583.35
6182.00	90.40	182.900	4655.84	1867.47S	43.66E	0.34	1867.79	2143399.66	154491.46
6273.00	91.00	183.100	4654.73	1958.34S	38.89E	0.70	1958.61	2143394.90	154400.59

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Turner 3406 6-7H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 179.470 degrees
 Bottom hole distance is 5169.91 Feet on azimuth 179.15 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 4-Jun-2013



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 Sandridge
 Sec 7 - 34S - 6W, Kansas
 Harper County
 Wellbore: Turner 3406 6-7H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
6365.00	92.00	182.500	4652.32	2050.19S	34.40E	1.27	2050.42	2143390.40	154308.73
6457.00	92.80	181.800	4648.47	2142.05S	30.95E	1.16	2142.24	2143386.95	154216.88
6520.00	91.30	183.500	4646.22	2204.93S	28.04E	3.60	2205.10	2143384.04	154153.99
6577.00	90.90	183.800	4645.12	2261.81S	24.41E	0.88	2261.94	2143380.42	154097.11
6672.00	89.20	182.500	4645.04	2356.66S	19.19E	2.25	2356.74	2143375.20	154002.26
6767.00	91.30	180.500	4644.63	2451.62S	16.71E	3.05	2451.66	2143372.71	153907.30
6861.00	91.40	180.500	4642.41	2545.59S	15.89E	0.11	2545.62	2143371.89	153813.32
6956.00	89.50	180.500	4641.66	2640.57S	15.06E	2.00	2640.60	2143371.06	153718.33
7051.00	91.30	180.800	4641.00	2735.56S	13.98E	1.92	2735.57	2143369.98	153623.34
7146.00	88.10	180.800	4641.50	2830.54S	12.66E	3.37	2830.53	2143368.66	153528.36
7241.00	88.70	180.900	4644.15	2925.49S	11.25E	0.64	2925.47	2143367.25	153433.40
7336.00	91.20	180.800	4644.23	3020.47S	9.84E	2.63	3020.43	2143365.84	153338.42
7431.00	86.20	179.300	4646.39	3115.42S	9.75E	5.49	3115.37	2143365.75	153243.47
7526.00	89.10	179.300	4650.28	3210.32S	10.91E	3.05	3210.28	2143366.91	153148.57
7621.00	86.10	178.300	4654.26	3305.20S	12.90E	3.33	3305.18	2143368.90	153053.68
7716.00	88.20	178.000	4658.98	3400.03S	15.96E	2.23	3400.03	2143371.96	152958.85
7811.00	89.90	177.300	4660.56	3494.93S	19.86E	1.94	3494.97	2143375.86	152863.94
7906.00	90.80	176.500	4659.98	3589.79S	24.99E	1.27	3589.87	2143381.00	152769.08
8001.00	89.70	176.100	4659.57	3684.59S	31.12E	1.23	3684.72	2143387.13	152674.28
8096.00	88.90	176.600	4660.73	3779.39S	37.17E	0.99	3779.57	2143393.17	152579.47
8191.00	89.60	176.400	4661.97	3874.20S	42.97E	0.77	3874.44	2143398.97	152484.66
8286.00	88.40	176.600	4663.63	3969.01S	48.77E	1.28	3969.29	2143404.77	152389.85
8381.00	90.50	178.300	4664.54	4063.90S	53.00E	2.84	4064.22	2143409.00	152294.95
8412.00	92.90	178.300	4663.62	4094.87S	53.91E	7.74	4095.20	2143409.92	152263.98
8475.00	91.70	178.400	4661.09	4157.80S	55.73E	1.91	4158.13	2143411.73	152201.05
8570.00	91.10	177.500	4658.77	4252.70S	59.12E	1.14	4253.07	2143415.13	152106.14
8665.00	90.10	178.100	4657.78	4347.63S	62.77E	1.23	4348.02	2143418.77	152011.22
8760.00	89.30	177.900	4658.27	4442.57S	66.09E	0.87	4442.99	2143422.09	151916.27
8855.00	89.10	178.500	4659.60	4537.51S	69.07E	0.67	4537.96	2143425.07	151821.32
8950.00	88.60	179.000	4661.51	4632.47S	71.14E	0.74	4632.93	2143427.14	151726.36
9045.00	88.90	179.300	4663.58	4727.44S	72.55E	0.45	4727.91	2143428.55	151631.39
9140.00	89.60	180.000	4664.82	4822.42S	73.13E	1.04	4822.90	2143429.13	151536.40
9235.00	89.30	179.600	4665.73	4917.42S	73.46E	0.53	4917.89	2143429.47	151441.40
9330.00	88.50	179.300	4667.56	5012.40S	74.37E	0.90	5012.87	2143430.38	151346.42
9425.00	88.90	179.000	4669.71	5107.36S	75.78E	0.53	5107.84	2143431.79	151251.45
9440.00	88.90	179.100	4670.00	5122.36S	76.03E	0.67	5122.84	2143432.04	151236.46
9487.00	88.90	179.100	4670.90	5169.34S	76.77E	==>	5169.83	2143432.77	151189.47

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Sandridge
Sec 7 - 34S - 6W, Kansas
Harper County
Wellbore: Turner 3406 6-7H (Actual)

Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
9487.00	4670.90	5169.34S	76.77E	Projection to bit @ TD

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