



Standard Wellpath Report
Sandridge
Sec 3 - 35S - 10W, Kansas
Barber County
Wellbore: Yazel 3510 2-3H (Sidetrack Actual)

Wellbore

Name	Created	Last Revised
Yazel 3510 2-3H (Sidetrack Actual)	7-Jun-2013	17-Jun-2013

Well

Name	Government ID	Last Revised
Yazel 3510 2-3H		24-May-2013

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Yazel 3510 2-3H	129367.0000	2033299.0000	N37 1 18.8256	W98 23 9.4256	193.99N	659.96W

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Barber County	2033959.0000	129173.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 3 - 35S - 10W	2033959.0000	129173.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

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Comments

FINAL Surveys MD 9280 is a Projection to bit @ TD
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 Sec 3 - 35S - 10W, Kansas
 Barber 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	2033299.00	129367.00
1151.00	0.50	181.700	1150.99	5.02S	0.15W	0.04	-5.02	2033298.85	129361.98
1519.00	0.40	182.200	1518.97	7.91S	0.25W	0.03	-7.91	2033298.75	129359.09
1994.00	0.40	183.100	1993.96	11.22S	0.40W	==>	-11.22	2033298.60	129355.78
2471.00	0.50	308.700	2470.96	11.58S	2.11W	0.17	-11.58	2033296.89	129355.42
2946.00	0.50	288.000	2945.94	9.65S	5.70W	0.04	-9.64	2033293.30	129357.35
3422.00	1.10	337.700	3421.89	4.78S	9.41W	0.18	-4.76	2033289.59	129362.22
3896.00	0.20	237.800	3895.86	1.01S	11.84W	0.24	-0.99	2033287.16	129365.99
4023.00	0.30	308.200	4022.86	0.92S	12.29W	0.24	-0.90	2033286.71	129366.08
4055.00	0.40	315.600	4054.86	0.79S	12.43W	0.34	-0.77	2033286.57	129366.21
4086.00	2.30	0.000	4085.85	0.09S	12.51W	6.56	-0.07	2033286.49	129366.91
4118.00	4.90	3.800	4117.79	1.92N	12.42W	8.15	1.93	2033286.58	129368.92
4149.00	6.90	4.800	4148.62	5.09N	12.17W	6.46	5.11	2033286.83	129372.09
4181.00	8.90	4.400	4180.32	9.48N	11.82W	6.25	9.49	2033287.18	129376.48
4213.00	11.10	3.700	4211.83	15.02N	11.43W	6.89	15.03	2033287.57	129382.02
4244.00	13.50	3.600	4242.11	21.61N	11.01W	7.74	21.62	2033287.99	129388.61
4276.00	15.70	3.800	4273.08	29.66N	10.49W	6.88	29.67	2033288.51	129396.66
4308.00	18.40	2.100	4303.67	39.03N	10.02W	8.58	39.04	2033288.98	129406.03
4340.00	21.10	1.700	4333.79	49.83N	9.66W	8.45	49.85	2033289.34	129416.84
4372.00	23.70	0.500	4363.37	62.02N	9.44W	8.25	62.04	2033289.56	129429.03
4404.00	25.60	1.400	4392.45	75.37N	9.21W	6.05	75.38	2033289.79	129442.37
4436.00	27.60	2.200	4421.06	89.69N	8.76W	6.35	89.70	2033290.24	129456.69
4468.00	30.00	2.700	4449.10	105.09N	8.10W	7.54	105.10	2033290.90	129472.10
4500.00	32.20	3.300	4476.50	121.59N	7.23W	6.94	121.60	2033291.77	129488.60
4531.00	32.90	4.200	4502.63	138.24N	6.14W	2.75	138.24	2033292.86	129505.24
4563.00	34.90	4.300	4529.19	156.03N	4.81W	6.25	156.04	2033294.19	129523.04
4595.00	37.30	4.100	4555.04	174.84N	3.43W	7.51	174.84	2033295.57	129541.85
4627.00	40.00	2.500	4580.03	194.79N	2.29W	9.00	194.79	2033296.71	129561.80
4659.00	42.70	1.500	4604.05	215.91N	1.56W	8.69	215.91	2033297.44	129582.92
4691.00	44.70	0.100	4627.19	238.02N	1.25W	6.94	238.02	2033297.75	129605.03
4722.00	45.50	0.400	4649.07	259.98N	1.16W	2.67	259.98	2033297.84	129626.99
4809.00	45.70	353.000	4709.98	321.95N	4.74W	6.08	321.95	2033294.26	129688.96
4840.00	48.90	352.800	4731.00	344.55N	7.56W	10.33	344.56	2033291.44	129711.57
4872.00	52.30	352.700	4751.31	369.08N	10.68W	10.63	369.09	2033288.32	129736.10
4903.00	55.90	352.500	4769.49	393.97N	13.91W	11.62	393.99	2033285.09	129761.00
4935.00	59.70	352.300	4786.54	420.81N	17.49W	11.89	420.83	2033281.51	129787.83
4967.00	63.70	352.900	4801.70	448.74N	21.12W	12.61	448.77	2033277.88	129815.77
4999.00	67.80	353.100	4814.84	477.70N	24.67W	12.83	477.73	2033274.33	129844.72
5030.00	71.70	353.400	4825.57	506.57N	28.09W	12.61	506.61	2033270.91	129873.60
5062.00	75.20	354.000	4834.69	537.06N	31.45W	11.08	537.10	2033267.55	129904.09
5094.00	78.70	354.200	4841.91	568.06N	34.66W	10.95	568.11	2033264.34	129935.09
5125.00	82.10	354.200	4847.08	598.47N	37.74W	10.97	598.51	2033261.25	129965.50
5157.00	85.60	354.300	4850.51	630.12N	40.93W	10.94	630.17	2033258.07	129997.15
5189.00	87.00	354.400	4852.57	661.89N	44.08W	4.39	661.95	2033254.92	130028.93
5221.00	87.20	354.700	4854.19	693.71N	47.11W	1.13	693.77	2033251.89	130060.75
5252.00	87.30	354.100	4855.68	724.53N	50.13W	1.96	724.59	2033248.87	130091.57
5284.00	87.30	354.000	4857.19	756.32N	53.45W	0.31	756.39	2033245.55	130123.36
5316.00	87.30	354.200	4858.69	788.11N	56.73W	0.62	788.18	2033242.27	130155.16
5348.00	87.10	354.100	4860.26	819.91N	59.99W	0.70	819.98	2033239.01	130186.95
5379.00	86.90	354.200	4861.88	850.70N	63.14W	0.72	850.78	2033235.85	130217.75
5411.00	87.60	353.700	4863.41	882.49N	66.51W	2.69	882.57	2033232.48	130249.54
5443.00	89.60	355.700	4864.20	914.34N	69.47W	8.84	914.43	2033229.53	130281.39
5475.00	90.80	356.700	4864.08	946.27N	71.59W	4.88	946.36	2033227.41	130313.32
5506.00	91.20	356.700	4863.54	977.21N	73.37W	1.29	977.30	2033225.62	130344.27
5644.00	91.80	357.100	4859.93	1114.96N	80.83W	0.52	1115.06	2033218.16	130482.02
5736.00	92.70	356.800	4856.32	1206.76N	85.72W	1.03	1206.87	2033213.27	130573.83
5828.00	92.00	357.200	4852.55	1298.56N	90.53W	0.88	1298.67	2033208.46	130665.63
5919.00	93.20	358.200	4848.42	1389.39N	94.18W	1.72	1389.50	2033204.81	130756.46
6011.00	91.80	0.300	4844.41	1481.28N	95.39W	2.74	1481.40	2033203.61	130848.37
6103.00	93.30	2.400	4840.31	1573.16N	93.22W	2.80	1573.28	2033205.77	130940.25
6195.00	93.40	3.800	4834.94	1664.87N	88.25W	1.52	1664.98	2033210.74	131031.96
6288.00	93.40	4.800	4829.42	1757.44N	81.29W	1.07	1757.54	2033217.70	131124.54
6380.00	93.30	5.400	4824.04	1848.92N	73.13W	0.66	1849.01	2033225.87	131216.02
6473.00	93.20	5.600	4818.77	1941.34N	64.23W	0.24	1941.42	2033234.77	131308.45
6566.00	93.40	5.400	4813.42	2033.76N	55.33W	0.30	2033.83	2033243.67	131400.87
6661.00	93.60	5.600	4807.62	2128.14N	46.24W	0.30	2128.20	2033252.75	131495.26
6756.00	91.90	4.300	4803.06	2222.68N	38.06W	2.25	2222.72	2033260.94	131589.80
6851.00	94.20	4.300	4798.01	2317.27N	30.94W	2.42	2317.31	2033268.05	131684.40
6946.00	91.10	2.900	4793.61	2411.97N	24.99W	3.58	2412.00	2033274.01	131779.10
7041.00	89.50	3.000	4793.12	2506.84N	20.10W	1.69	2506.86	2033278.90	131873.97

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Yazel 3510 2-3H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 359.930 degrees
 Bottom hole distance is 4743.75 Feet on azimuth 359.86 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 17-Jun-2013



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 Sec 3 - 35S - 10W, Kansas
 Barber County
 Wellbore: Yazel 3510 2-3H (Sidetrack Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
7135.00	89.40	2.400	4794.02	2600.73N	15.67W	0.65	2600.74	2033283.33	131967.87
7231.00	93.10	4.100	4791.93	2696.53N	10.23W	4.24	2696.54	2033288.77	132063.68
7326.00	91.00	3.500	4788.53	2791.25N	3.94W	2.30	2791.26	2033295.06	132158.41
7421.00	91.10	3.200	4786.79	2886.08N	1.61E	0.33	2886.07	2033300.61	132253.23
7517.00	91.80	2.200	4784.36	2981.94N	6.13E	1.27	2981.93	2033305.13	132349.10
7611.00	92.20	1.400	4781.08	3075.83N	9.08E	0.95	3075.82	2033308.08	132443.00
7707.00	91.90	0.300	4777.64	3171.76N	10.50E	1.19	3171.74	2033309.51	132538.93
7801.00	90.80	359.300	4775.43	3265.73N	10.18E	1.58	3265.71	2033309.18	132632.91
7896.00	89.80	358.000	4774.93	3360.70N	7.94E	1.73	3360.68	2033306.94	132727.88
7990.00	89.90	358.400	4775.18	3454.65N	4.99E	0.44	3454.64	2033303.99	132821.84
8084.00	89.80	358.400	4775.42	3548.61N	2.36E	0.11	3548.61	2033301.36	132915.81
8180.00	89.80	358.200	4775.76	3644.57N	0.49W	0.21	3644.57	2033298.51	133011.77
8276.00	90.40	358.100	4775.59	3740.52N	3.59W	0.63	3740.52	2033295.41	133107.73
8371.00	91.30	358.000	4774.18	3835.45N	6.82W	0.95	3835.46	2033292.18	133202.67
8466.00	90.50	357.800	4772.69	3930.38N	10.30W	0.87	3930.39	2033288.70	133297.59
8562.00	90.70	357.700	4771.68	4026.30N	14.07W	0.23	4026.31	2033284.93	133393.52
8658.00	90.60	359.600	4770.59	4122.26N	16.33W	1.98	4122.28	2033282.67	133489.49
8753.00	91.00	0.400	4769.27	4217.25N	16.33W	0.94	4217.27	2033282.67	133584.48
8848.00	91.50	0.300	4767.19	4312.23N	15.75W	0.54	4312.24	2033283.25	133679.46
8942.00	91.80	0.500	4764.49	4406.18N	15.09W	0.38	4406.20	2033283.91	133773.43
9037.00	92.60	0.800	4760.84	4501.11N	14.02W	0.90	4501.12	2033284.98	133868.36
9132.00	93.10	0.700	4756.12	4595.98N	12.77W	0.54	4595.99	2033286.22	133963.24
9227.00	93.30	0.300	4750.81	4690.83N	11.95W	0.47	4690.84	2033287.05	134058.09
9234.00	93.40	0.800	4750.41	4697.82N	11.88W	7.27	4697.83	2033287.12	134065.08
9280.00	93.40	0.800	4747.68	4743.73N	11.24W	==>	4743.74	2033287.76	134110.99

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Barber County
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Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
9280.00	4747.68	4743.73N	11.24W	Projection to bit @ TD

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