



Standard Wellpath Report
 Sandridge
 Sec 17 - 35S - 6W, Kansas
 Harper County
 Wellbore: South Point Farms 3506 1-17H (Actual)

Wellbore

Name	Created	Last Revised
South Point Farms 3506 1-17H (Actual)	27-Mar-2013	15-Apr-2013

Well

Name	Government ID	Last Revised
South Point Farms 3506 1-17H		27-Mar-2013

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
South Point Farms 3506 1-17H	121469.0000	2148029.0000	N36 59 56.9610	W97 59 35.3590	275.98N	2297.86E

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Harper County	2145731.0000	121193.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 17 - 35S - 6W	2145731.0000	121193.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

Comments
<p>FINAL Surveys MD 9010 is a projection to bit @ TD</p>



Standard Wellpath Report
 Sandridge
 Sec 17 - 35S - 6W, Kansas
 Harper County
 Wellbore: South Point Farms 3506 1-17H (Actual)

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	2148029.00	121469.00
688.00	0.20	103.700	688.00	0.28S	1.17E	0.03	-0.38	2148030.17	121468.72
962.00	0.40	126.800	961.99	0.97S	2.40E	0.08	-1.16	2148031.40	121468.03
1239.00	0.80	128.500	1238.98	2.75S	4.68E	0.14	-3.11	2148033.68	121466.25
1708.00	0.60	141.800	1707.94	6.72S	8.77E	0.05	-7.39	2148037.77	121462.28
2183.00	0.70	137.100	2182.91	10.80S	12.28E	0.02	-11.73	2148041.28	121458.20
2660.00	0.40	136.500	2659.89	14.14S	15.41E	0.06	-15.31	2148044.41	121454.86
3133.00	0.50	92.200	3132.88	15.42S	18.61E	0.07	-16.83	2148047.61	121453.58
3609.00	0.80	267.400	3608.87	15.65S	17.36E	0.27	-16.97	2148046.36	121453.35
3895.00	1.60	245.600	3894.80	17.39S	17.39E	0.32	-18.26	2148040.73	121451.61
3927.00	1.40	235.400	3926.79	17.80S	11.00E	1.04	-18.61	2148040.00	121451.20
3959.00	1.10	254.100	3958.78	18.10S	10.39E	1.57	-18.86	2148039.39	121450.90
3990.00	1.90	319.200	3989.77	17.80S	9.76E	5.64	-18.51	2148038.76	121451.20
4022.00	4.70	342.400	4021.72	16.14S	9.02E	9.52	-16.80	2148038.02	121452.85
4053.00	7.60	349.800	4052.54	12.92S	8.27E	9.68	-13.53	2148037.27	121456.08
4085.00	10.50	347.100	4084.14	7.99S	7.25E	9.16	-8.53	2148036.25	121461.01
4116.00	13.40	349.000	4114.46	1.71S	5.93E	9.44	-2.17	2148034.93	121467.29
4148.00	16.30	348.700	4145.39	6.34N	4.34E	9.07	5.98	2148033.34	121475.34
4180.00	18.80	351.100	4175.90	15.84N	2.67E	8.13	15.58	2148031.67	121484.84
4212.00	19.50	354.100	4206.13	26.24N	1.32E	3.77	26.06	2148030.32	121495.24
4243.00	21.20	356.800	4235.19	36.99N	0.47E	6.26	36.84	2148029.47	121505.99
4275.00	22.80	357.900	4264.86	48.96N	0.08W	5.16	48.82	2148028.92	121517.96
4306.00	24.00	358.100	4293.31	61.26N	0.50W	3.88	61.12	2148028.49	121530.27
4338.00	24.60	357.200	4322.48	74.42N	1.05W	2.20	74.27	2148027.95	121543.43
4370.00	26.60	357.200	4351.33	88.23N	1.72W	6.25	88.09	2148027.28	121557.24
4401.00	28.50	356.600	4378.82	102.55N	2.50W	6.19	102.43	2148026.50	121571.55
4433.00	31.00	355.400	4406.60	118.39N	3.61W	8.03	118.30	2148025.39	121587.39
4465.00	33.40	354.800	4433.67	135.37N	5.07W	7.57	135.35	2148023.93	121604.38
4497.00	36.40	354.600	4459.92	153.60N	6.76W	9.38	153.66	2148022.23	121622.61
4529.00	38.70	355.300	4485.28	173.03N	8.48W	7.31	173.16	2148020.52	121642.04
4560.00	41.00	355.700	4509.08	192.83N	10.03W	7.47	193.02	2148018.96	121661.84
4593.00	43.70	355.600	4533.47	214.99N	11.72W	8.18	215.25	2148017.28	121684.01
4625.00	46.30	355.900	4556.09	237.56N	13.40W	8.15	237.88	2148015.60	121706.57
4657.00	49.40	356.200	4577.57	261.22N	15.03W	9.71	261.60	2148013.97	121730.24
4688.00	53.00	356.400	4596.99	285.33N	16.59W	11.62	285.75	2148012.41	121754.34
4720.00	56.20	355.900	4615.52	311.35N	18.34W	10.08	311.83	2148010.66	121780.37
4751.00	59.30	355.300	4632.06	337.49N	20.35W	10.13	338.04	2148008.64	121806.51
4783.00	62.00	355.600	4647.75	365.29N	22.57W	8.48	365.93	2148006.43	121834.31
4814.00	64.50	355.200	4661.70	392.88N	24.79W	8.15	393.61	2148004.21	121861.90
4846.00	66.70	355.200	4674.92	421.92N	27.22W	6.88	422.75	2148001.77	121890.94
4877.00	68.90	354.800	4686.63	450.51N	29.73W	7.20	451.45	2147999.27	121919.53
4910.00	71.00	355.100	4697.94	481.38N	32.46W	6.42	482.45	2147996.54	121950.41
4941.00	73.60	354.900	4707.37	510.80N	35.03W	8.41	511.98	2147993.97	121979.83
4974.00	76.20	355.200	4715.96	542.54N	37.78W	7.93	543.83	2147991.22	122011.57
5005.00	77.90	355.400	4722.91	572.65N	40.25W	5.52	574.04	2147988.74	122041.69
5037.00	80.30	355.800	4728.96	603.98N	42.66W	7.60	605.46	2147986.33	122073.01
5069.00	82.80	356.000	4733.66	635.55N	44.93W	7.84	637.11	2147984.07	122104.59
5101.00	85.10	355.800	4737.03	667.29N	47.20W	7.21	668.93	2147981.80	122136.33
5133.00	87.80	356.600	4739.01	699.15N	49.32W	8.80	700.86	2147979.68	122168.19
5164.00	88.40	356.600	4740.04	730.08N	51.15W	1.94	731.84	2147977.84	122199.12
5196.00	88.70	356.600	4740.85	762.01N	53.05W	0.94	763.83	2147975.95	122231.06
5227.00	88.30	356.500	4741.66	792.95N	54.92W	1.33	794.81	2147974.08	122261.99
5260.00	87.30	356.000	4742.93	825.85N	57.07W	3.39	827.78	2147971.92	122294.90
5291.00	86.60	355.700	4744.58	856.72N	59.31W	2.46	858.74	2147969.68	122325.78
5323.00	86.70	356.100	4746.45	888.59N	61.60W	1.29	890.68	2147967.40	122357.64
5355.00	86.90	356.500	4748.24	920.47N	63.66W	1.40	922.63	2147965.34	122389.53
5387.00	87.10	355.800	4749.91	952.36N	65.80W	2.27	954.58	2147963.19	122421.41
5419.00	87.30	356.100	4751.47	984.24N	68.06W	1.13	986.54	2147960.93	122453.30
5451.00	87.40	355.900	4752.95	1016.13N	70.29W	0.70	1018.51	2147958.70	122485.19
5482.00	88.30	355.400	4754.12	1047.01N	72.64W	3.32	1049.49	2147956.35	122516.08
5514.00	90.20	354.800	4754.54	1078.89N	75.37W	6.23	1081.48	2147953.62	122547.96
5572.00	91.10	354.900	4753.88	1136.65N	80.58W	1.56	1139.47	2147948.41	122605.72
5639.00	91.60	355.400	4752.30	1203.39N	86.24W	1.06	1206.45	2147942.75	122672.47
5701.00	92.00	355.200	4750.35	1265.16N	91.32W	0.72	1268.42	2147937.67	122734.23
5762.00	91.80	355.000	4748.33	1325.90N	96.53W	0.46	1329.39	2147932.47	122794.98
5823.00	91.30	355.100	4746.68	1386.65N	101.79W	0.84	1390.36	2147927.20	122855.73
5915.00	91.50	355.100	4744.43	1478.29N	109.65W	0.22	1482.33	2147919.35	122947.38
6006.00	90.70	354.600	4742.68	1568.90N	117.81W	1.04	1573.31	2147911.18	123038.00
6098.00	90.70	354.400	4741.56	1660.47N	126.63W	0.22	1665.29	2147902.36	123129.57
6191.00	91.00	354.600	4740.18	1753.03N	135.54W	0.39	1758.26	2147893.45	123222.14

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (South Point Farms 3506 1-17H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 355.500 degrees
 Bottom hole distance is 4576.44 Feet on azimuth 355.32 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 15-Apr-2013



Standard Wellpath Report
 Sandridge
 Sec 17 - 35S - 6W, Kansas
 Harper County
 Wellbore: South Point Farms 3506 1-17H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
6283.00	91.50	354.200	4738.17	1844.57N	144.52W	0.70	1850.22	2147884.47	123313.68
6375.00	90.30	354.400	4736.73	1936.10N	153.65W	1.32	1942.19	2147875.34	123405.22
6466.00	90.50	353.800	4736.09	2026.62N	163.01W	0.69	2033.16	2147865.98	123495.74
6562.00	90.60	354.000	4735.17	2122.07N	173.21W	0.23	2129.12	2147855.78	123591.20
6657.00	91.00	353.700	4733.85	2216.51N	183.39W	0.53	2224.07	2147845.60	123685.65
6752.00	91.10	354.700	4732.10	2311.01N	192.98W	1.06	2319.03	2147836.00	123780.15
6847.00	91.10	354.500	4730.28	2405.57N	201.92W	0.21	2414.00	2147827.06	123874.72
6941.00	90.70	354.300	4728.80	2499.11N	211.09W	0.48	2507.97	2147817.89	123968.26
7036.00	90.50	355.300	4727.81	2593.71N	219.70W	1.07	2602.96	2147809.28	124062.87
7131.00	91.10	354.700	4726.48	2688.34N	227.98W	0.89	2697.94	2147801.00	124157.51
7227.00	90.90	355.500	4724.81	2783.98N	236.18W	0.86	2793.92	2147792.80	124253.15
7322.00	91.70	355.200	4722.65	2878.64N	243.88W	0.90	2888.90	2147785.10	124347.81
7417.00	91.00	356.300	4720.41	2973.35N	250.92W	1.37	2983.87	2147778.07	124442.53
7512.00	91.40	355.800	4718.42	3068.10N	257.46W	0.67	3078.84	2147771.52	124537.29
7607.00	91.30	356.500	4716.19	3162.86N	263.84W	0.74	3173.81	2147765.15	124632.05
7702.00	91.20	356.200	4714.11	3257.64N	269.89W	0.33	3268.78	2147759.10	124726.84
7797.00	91.40	355.600	4711.96	3352.38N	276.68W	0.67	3363.75	2147752.31	124821.58
7892.00	90.60	355.700	4710.30	3447.09N	283.88W	0.85	3458.73	2147745.10	124916.30
7988.00	90.60	355.600	4709.30	3542.81N	291.16W	0.10	3554.73	2147737.82	125012.02
8084.00	90.70	354.800	4708.21	3638.46N	299.19W	0.84	3650.72	2147729.79	125107.69
8179.00	90.50	354.400	4707.21	3733.03N	308.13W	0.47	3745.70	2147720.85	125202.26
8274.00	90.00	355.100	4706.80	3827.63N	316.83W	0.91	3840.69	2147712.15	125296.87
8369.00	90.30	354.700	4706.55	3922.26N	325.27W	0.53	3935.69	2147703.71	125391.50
8465.00	91.10	355.700	4705.38	4017.91N	333.30W	1.33	4031.68	2147695.68	125487.16
8560.00	91.60	355.400	4703.14	4112.60N	340.67W	0.61	4126.65	2147688.31	125581.85
8655.00	91.70	356.400	4700.40	4207.32N	347.46W	1.06	4221.61	2147681.52	125676.57
8749.00	91.30	356.200	4697.94	4301.09N	353.53W	0.48	4315.57	2147675.45	125770.35
8845.00	91.60	355.700	4695.51	4396.82N	360.30W	0.61	4411.53	2147668.67	125866.09
8940.00	92.20	355.400	4692.36	4491.48N	367.67W	0.71	4506.48	2147661.31	125960.75
8963.00	92.50	355.000	4691.42	4514.38N	369.59W	2.17	4529.46	2147659.38	125983.65
9010.00	92.50	355.000	4689.37	4561.15N	373.69W	==>	4576.41	2147655.29	126030.43

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (South Point Farms 3506 1-17H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 355.500 degrees
 Bottom hole distance is 4576.44 Feet on azimuth 355.32 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 15-Apr-2013



Standard Wellpath Report
Sandridge
Sec 17 - 35S - 6W, Kansas
Harper County
Wellbore: South Point Farms 3506 1-17H (Actual)

Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
9010.00	4689.37	4561.15N	373.69W	Projection to bit @ TD

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Slot and TVD's are from Slot (South Point Farms 3506 1-17H 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 355.500 degrees
Bottom hole distance is 4576.44 Feet on azimuth 355.32 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 15-Apr-2013