



Standard Wellpath Report
Sandridge
Sec 28 - 34S - 6W, Kansas
Harper County
Wellbore: Schrack 3406 2-28H (Actual)

Wellbore

Name	Created	Last Revised
Schrack 3406 2-28H (Actual)	4-Mar-2013	26-Mar-2013

Well

Name	Government ID	Last Revised
Schrack 3406 2-28H		4-Mar-2013

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Schrack 3406 2-28H	145579.0000	2152621.0000	N37 3 55.0836	W97 58 37.0909	165.99S	1880.92E

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Harper County	2150740.0000	145745.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 28 - 34S - 6W	2150740.0000	145745.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

Comments
FINAL Surveys MD 9006 is a Projection to Bit @ TD



Standard Wellpath Report
Sandridge
Sec 28 - 34S - 6W, Kansas
Harper County
Wellbore: Schrack 3406 2-28H (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	2152621.00	145579.00
785.00	0.30	133.800	785.00	1.42S	1.48E	0.04	1.47	2152622.48	145577.58
969.00	0.20	323.000	969.00	1.50S	1.64E	0.27	1.55	2152622.64	145577.50
1427.00	0.20	79.000	1426.99	0.71S	1.94E	0.07	0.77	2152622.94	145578.29
1902.00	0.50	41.300	1901.99	1.01N	4.12E	0.08	-0.88	2152625.12	145580.01
2377.00	0.60	87.800	2376.97	2.66N	7.98E	0.09	-2.42	2152628.98	145581.66
2852.00	1.20	130.800	2851.91	0.50S	14.23E	0.18	0.93	2152635.23	145578.50
3327.00	2.50	131.300	3326.65	10.58S	25.78E	0.27	11.36	2152646.78	145568.42
3612.00	0.80	283.000	3611.58	14.24S	28.51E	1.13	15.10	2152649.51	145564.76
3770.00	0.60	287.900	3769.57	13.74S	26.64E	0.13	14.54	2152647.65	145565.26
3802.00	1.10	243.400	3801.56	13.82S	26.21E	2.48	14.61	2152647.21	145565.18
3823.00	1.60	235.600	3822.56	14.08S	25.79E	2.53	14.85	2152646.79	145564.92
3865.00	2.20	223.300	3864.53	15.00S	24.75E	1.72	15.74	2152645.75	145564.00
3897.00	3.20	217.500	3896.50	16.15S	23.79E	3.24	16.87	2152644.79	145562.85
3928.00	4.60	206.400	3927.43	17.95S	22.71E	5.11	18.63	2152643.71	145561.05
3960.00	6.80	204.300	3959.27	20.83S	21.36E	6.90	21.47	2152642.36	145558.17
3991.00	9.20	204.300	3989.96	24.76S	19.58E	7.74	25.34	2152640.58	145554.24
4023.00	11.70	199.800	4021.43	30.15S	17.43E	8.21	30.66	2152638.43	145548.85
4055.00	14.20	194.300	4052.61	37.00S	15.36E	8.70	37.45	2152636.36	145542.00
4086.00	16.90	190.400	4082.48	45.12S	13.61E	9.34	45.51	2152634.61	145533.88
4118.00	19.40	189.100	4112.88	54.94S	11.93E	7.91	55.28	2152632.93	145524.05
4150.00	22.30	188.000	4142.78	66.21S	10.24E	9.14	66.49	2152631.24	145512.79
4181.00	25.40	187.400	4171.13	78.63S	8.57E	10.03	78.85	2152629.57	145500.37
4214.00	28.50	187.000	4200.55	93.46S	6.69E	9.41	93.62	2152627.70	145485.53
4246.00	31.30	186.400	4228.28	109.31S	4.84E	8.80	109.40	2152625.84	145469.69
4277.00	34.00	185.800	4254.38	125.93S	3.06E	8.77	125.97	2152624.06	145453.06
4309.00	37.20	185.300	4280.40	144.47S	1.27E	10.04	144.44	2152622.27	145434.52
4341.00	40.40	185.100	4305.33	164.44S	0.55W	10.01	164.35	2152620.45	145414.55
4373.00	43.20	184.900	4329.19	185.68S	2.41W	8.76	185.53	2152618.59	145393.31
4405.00	46.90	184.300	4351.79	208.26S	4.22W	11.64	208.03	2152616.78	145370.74
4469.00	51.40	179.800	4393.65	256.60S	5.89W	8.81	256.31	2152615.11	145322.39
4564.00	51.10	178.300	4453.12	330.68S	4.66W	1.27	330.38	2152616.34	145248.31
4628.00	50.30	177.300	4493.66	380.16S	2.76W	1.74	379.91	2152618.24	145198.82
4691.00	52.10	177.300	4533.13	429.21S	0.45W	2.86	429.00	2152620.55	145149.77
4723.00	55.00	177.800	4552.14	454.92S	0.65E	9.15	454.73	2152621.65	145124.06
4755.00	57.00	177.500	4570.03	481.43S	1.74E	6.30	481.26	2152622.74	145097.55
4786.00	59.40	176.800	4586.37	507.74S	3.05E	7.98	507.60	2152624.05	145071.24
4818.00	63.60	176.900	4601.63	535.81S	4.59E	13.13	535.70	2152625.59	145043.17
4849.00	67.40	177.100	4614.49	563.98S	6.07E	12.27	563.90	2152627.07	145015.00
4881.00	70.50	177.000	4625.98	593.80S	7.61E	9.69	593.75	2152628.61	144985.18
4913.00	73.90	177.400	4635.76	624.22S	9.09E	10.69	624.21	2152630.09	144954.75
4944.00	77.40	177.900	4643.44	654.23S	10.32E	11.40	654.24	2152631.32	144924.74
4975.00	80.80	178.500	4649.30	684.65S	11.28E	11.13	684.68	2152632.28	144894.32
5007.00	83.80	178.900	4653.59	716.35S	12.00E	9.46	716.38	2152633.00	144862.62
5163.00	90.20	176.900	4661.75	871.94S	17.71E	4.30	872.08	2152638.71	144707.02
5256.00	90.40	176.300	4661.26	964.78S	23.23E	0.68	965.04	2152644.23	144614.18
5348.00	90.10	176.800	4660.86	1056.61S	28.76E	0.63	1056.99	2152649.76	144522.35
5439.00	89.40	176.800	4661.26	1147.46S	33.84E	0.77	1147.96	2152654.84	144431.49
5530.00	90.10	177.100	4661.66	1238.33S	38.68E	0.84	1238.94	2152659.69	144340.61
5623.00	89.60	177.300	4661.90	1331.22S	43.23E	0.58	1331.92	2152664.23	144247.72
5714.00	91.60	177.900	4660.95	1422.13S	47.04E	2.29	1422.90	2152668.04	144156.81
5806.00	92.20	178.100	4657.90	1514.02S	50.25E	0.69	1514.85	2152671.25	144064.91
5898.00	91.90	179.000	4654.61	1605.94S	52.57E	1.03	1606.79	2152673.58	143972.99
5990.00	90.30	179.800	4652.84	1697.91S	53.54E	1.94	1698.75	2152674.54	143881.02
6081.00	89.50	179.000	4653.00	1788.90S	54.49E	1.24	1789.73	2152675.49	143790.02
6176.00	88.70	178.100	4654.49	1883.86S	56.89E	1.27	1884.72	2152677.90	143695.06
6271.00	88.90	178.500	4656.48	1978.80S	59.71E	0.47	1979.70	2152680.71	143600.12
6367.00	89.80	178.900	4657.57	2074.76S	61.89E	1.03	2075.69	2152682.89	143504.15
6462.00	90.10	178.500	4657.65	2169.74S	64.04E	0.53	2170.68	2152685.05	143409.17
6557.00	90.00	178.100	4657.57	2264.70S	66.86E	0.43	2265.68	2152687.86	143314.20
6652.00	90.30	177.800	4657.32	2359.64S	70.26E	0.45	2360.68	2152691.26	143219.26
6748.00	90.10	177.900	4656.99	2455.57S	73.86E	0.23	2456.68	2152694.86	143123.32
6843.00	90.20	177.300	4656.74	2550.48S	77.84E	0.64	2551.67	2152698.84	143028.40
6939.00	91.00	178.000	4655.73	2646.40S	81.78E	1.11	2647.66	2152702.78	142932.49
7034.00	91.20	177.600	4653.91	2741.31S	85.42E	0.47	2742.64	2152706.43	142837.57
7129.00	91.00	178.300	4652.08	2836.23S	88.82E	0.77	2837.62	2152709.82	142742.65
7224.00	90.60	179.800	4650.76	2931.20S	90.39E	1.63	2932.60	2152711.40	142647.67
7319.00	88.50	179.300	4651.50	3026.19S	91.14E	2.27	3027.57	2152712.14	142552.67
7414.00	88.70	179.500	4653.82	3121.16S	92.14E	0.30	3122.52	2152713.14	142457.70
7510.00	89.50	180.100	4655.33	3217.15S	92.47E	1.04	3218.47	2152713.47	142361.71

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Schrack 3406 2-28H 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 178.260 degrees
Bottom hole distance is 4714.20 Feet on azimuth 178.21 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 26-Mar-2013



Standard Wellpath Report
 Sandridge
 Sec 28 - 34S - 6W, Kansas
 Harper County
 Wellbore: Schrack 3406 2-28H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
7605.00	89.80	180.100	4655.91	3312.14S	92.30E	0.32	3313.42	2152713.31	142266.71
7700.00	90.80	178.600	4655.42	3407.13S	93.38E	1.90	3408.40	2152714.39	142171.72
7795.00	89.10	178.800	4655.50	3502.10S	95.54E	1.80	3503.39	2152716.54	142076.74
7890.00	88.60	178.500	4657.41	3597.06S	97.77E	0.61	3598.37	2152718.78	141981.78
7985.00	89.90	177.300	4658.65	3691.98S	101.26E	1.86	3693.36	2152722.26	141886.86
8080.00	90.40	177.400	4658.40	3786.88S	105.65E	0.54	3788.34	2152726.65	141791.95
8175.00	90.20	177.800	4657.90	3881.80S	109.63E	0.47	3883.33	2152730.63	141697.03
8270.00	88.60	177.800	4658.90	3976.72S	113.27E	1.68	3978.32	2152734.28	141602.11
8365.00	90.20	177.400	4659.89	4071.63S	117.25E	1.74	4073.31	2152738.26	141507.20
8460.00	90.20	177.800	4659.56	4166.54S	121.23E	0.42	4168.30	2152742.23	141412.28
8555.00	90.30	176.800	4659.15	4261.43S	125.70E	1.06	4263.29	2152746.71	141317.38
8651.00	90.40	177.100	4658.56	4357.30S	130.81E	0.33	4359.26	2152751.82	141221.51
8747.00	90.60	177.000	4657.72	4453.17S	135.75E	0.23	4455.23	2152756.76	141125.64
8842.00	90.30	177.500	4656.98	4548.05S	140.31E	0.61	4550.22	2152761.32	141030.75
8936.00	89.60	177.600	4657.06	4641.97S	144.33E	0.75	4644.21	2152765.33	140936.83
8959.00	89.60	177.400	4657.22	4664.94S	145.33E	0.87	4667.20	2152766.34	140913.85
9006.00	89.60	177.400	4657.55	4711.89S	147.46E	==>	4714.20	2152768.47	140866.90

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Schrack 3406 2-28H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 178.260 degrees
 Bottom hole distance is 4714.20 Feet on azimuth 178.21 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 26-Mar-2013



Standard Wellpath Report
Sandridge
Sec 28 - 34S - 6W, Kansas
Harper County
Wellbore: Schrack 3406 2-28H (Actual)

Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
9006.00	4657.55	4711.89S	147.46E	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 (Schrack 3406 2-28H 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 178.260 degrees
Bottom hole distance is 4714.20 Feet on azimuth 178.21 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 26-Mar-2013