



Standard Wellpath Report  
 Sandridge  
 Sec 35 - 34S - 7W, Kansas  
 Harper County  
 Wellbore: Moore 3407 1-35H (Actual)

**Wellbore**

Name	Created	Last Revised
Moore 3407 1-35H (Actual)	12-Dec-2012	21-Jan-2013

**Well**

Name	Government ID	Last Revised
Moore 3407 1-35H		12-Dec-2012

**Slot**

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Moore 3407 1-35H	137437.0000	2134365.0000	N37 2 35.5360	W98 2 22.8101	2823.87S	601.97W

**Installation**

Name	Easting	Northing	Coord System Name	North Alignment
Harper County	2134967.0000	140261.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

**Field**

Name	Easting	Northing	Coord System Name	North Alignment
Sec 35 - 34S - 7W	2134967.0000	140261.0001	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

Comments
FINAL surveys MD 9560 is a projection to bit @ TD



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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	2134365.00	137437.00
872.00	0.50	129.100	871.99	2.40S	2.95E	0.06	-2.46	2134367.95	137434.60
1334.00	1.10	115.100	1333.94	5.55S	8.53E	0.14	-5.72	2134373.53	137431.45
1809.00	1.00	124.300	1808.86	9.82S	16.09E	0.04	-10.13	2134381.09	137427.18
2283.00	0.70	101.900	2282.81	12.75S	22.34E	0.09	-13.18	2134387.34	137424.25
2854.00	2.00	350.800	2853.70	3.63S	24.16E	0.41	-4.10	2134389.16	137433.37
3327.00	1.00	27.500	3326.54	8.18N	24.74E	0.28	7.69	2134389.74	137445.18
3801.00	0.40	99.600	3800.51	11.57N	28.28E	0.20	11.02	2134393.29	137448.57
3894.00	1.40	333.800	3893.50	12.54N	28.10E	1.79	11.98	2134393.10	137449.54
3925.00	3.60	331.900	3924.47	13.73N	27.48E	7.10	13.20	2134392.48	137450.73
3957.00	5.30	340.000	3956.37	16.01N	26.50E	5.65	15.49	2134391.50	137453.01
3989.00	6.40	349.800	3988.20	19.15N	25.68E	4.63	18.65	2134390.68	137456.15
4020.00	8.30	350.500	4018.95	23.06N	25.00E	6.14	22.57	2134390.00	137460.06
4052.00	9.70	348.500	4050.55	27.98N	24.08E	4.48	27.51	2134389.08	137464.98
4084.00	10.50	348.800	4082.06	33.48N	22.98E	2.51	33.03	2134387.98	137470.48
4115.00	11.20	348.900	4112.50	39.21N	21.85E	2.26	38.77	2134386.85	137476.21
4147.00	12.30	348.900	4143.83	45.60N	20.60E	3.44	45.19	2134385.60	137482.60
4179.00	13.40	349.400	4175.03	52.59N	19.26E	3.45	52.21	2134384.26	137489.59
4210.00	15.60	351.000	4205.04	60.24N	17.94E	7.21	59.88	2134382.95	137497.24
4241.00	18.60	352.900	4234.67	69.27N	16.68E	9.84	68.93	2134381.68	137506.27
4273.00	21.40	354.100	4264.73	80.14N	15.45E	8.84	79.82	2134380.45	137517.14
4305.00	23.80	355.000	4294.27	92.38N	14.29E	7.58	92.08	2134379.29	137529.39
4336.00	26.10	355.000	4322.38	105.41N	13.15E	7.42	105.13	2134378.15	137542.41
4368.00	28.70	354.500	4350.79	120.07N	11.80E	8.16	119.82	2134376.80	137557.08
4399.00	31.00	353.500	4377.67	135.41N	10.18E	7.59	135.19	2134375.18	137572.42
4431.00	33.20	352.900	4404.78	152.30N	8.16E	6.95	152.11	2134373.16	137589.30
4462.00	35.40	353.400	4430.39	169.64N	6.08E	7.15	169.49	2134371.08	137606.65
4494.00	37.70	354.300	4456.09	188.59N	4.05E	7.38	188.47	2134369.05	137625.60
4526.00	40.50	354.500	4480.92	208.67N	2.08E	8.76	208.59	2134367.08	137645.68
4557.00	43.80	355.100	4503.90	229.38N	0.20E	10.72	229.34	2134365.20	137666.40
4589.00	46.40	356.000	4526.49	251.98N	1.56W	8.37	251.96	2134363.44	137688.99
4620.00	48.00	357.100	4547.55	274.68N	2.93W	5.78	274.69	2134362.07	137711.70
4652.00	49.80	357.800	4568.59	298.77N	4.00W	5.86	298.79	2134361.00	137735.79
4747.00	49.60	356.800	4630.03	371.14N	7.41W	0.83	371.22	2134357.59	137808.16
4778.00	49.10	356.000	4650.23	394.62N	8.88W	2.54	394.72	2134356.12	137831.64
4810.00	48.40	356.000	4671.33	418.62N	10.56W	2.19	418.74	2134354.44	137855.64
4842.00	49.90	356.800	4692.26	442.77N	12.08W	5.05	442.93	2134352.92	137879.80
4874.00	52.10	358.500	4712.39	467.62N	13.09W	8.02	467.79	2134351.91	137904.64
4906.00	54.40	360.000	4731.54	493.25N	13.42W	8.11	493.42	2134351.57	137930.28
4938.00	57.60	1.000	4749.43	519.78N	13.19W	10.33	519.94	2134351.81	137956.80
4969.00	61.50	1.600	4765.14	546.49N	12.58W	12.69	546.63	2134352.42	137983.52
5001.00	65.40	1.500	4779.44	575.10N	11.81W	12.19	575.22	2134353.19	138012.13
5034.00	69.20	0.900	4792.17	605.53N	11.17W	11.64	605.63	2134353.83	138042.56
5065.00	72.00	359.900	4802.47	634.77N	10.97W	9.53	634.86	2134354.03	138071.80
5097.00	75.30	359.500	4811.48	665.47N	11.13W	10.38	665.56	2134353.87	138102.50
5128.00	78.50	359.100	4818.50	695.65N	11.50W	10.40	695.75	2134353.50	138132.69
5161.00	81.30	359.000	4824.29	728.14N	12.04W	8.49	728.23	2134352.96	138165.17
5192.00	84.40	359.000	4828.15	758.89N	12.58W	10.00	758.99	2134352.42	138195.92
5239.00	89.60	359.400	4830.60	805.80N	13.23W	11.10	805.91	2134351.77	138242.84
5336.00	91.70	359.000	4829.50	902.78N	14.58W	2.20	902.89	2134350.41	138339.82
5429.00	91.50	358.900	4826.91	995.73N	16.29W	0.24	995.86	2134348.71	138432.78
5522.00	89.50	359.500	4826.10	1088.71N	17.59W	2.25	1088.85	2134347.41	138525.76
5616.00	88.60	359.800	4827.65	1182.69N	18.16W	1.01	1182.82	2134346.84	138619.75
5707.00	88.50	359.300	4829.96	1273.66N	18.87W	0.56	1273.79	2134346.12	138710.73
5800.00	90.80	358.300	4830.52	1366.63N	20.82W	2.70	1366.78	2134344.18	138803.70
5892.00	91.00	358.500	4829.08	1458.59N	23.39W	0.31	1458.76	2134341.61	138895.66
5985.00	91.70	358.100	4826.89	1551.52N	26.15W	0.87	1551.73	2134338.85	138988.59
6078.00	91.10	358.100	4824.62	1644.44N	29.23W	0.65	1644.70	2134335.77	139081.52
6172.00	90.30	357.600	4823.47	1738.36N	32.76W	1.00	1738.67	2134332.24	139175.45
6267.00	91.20	358.800	4822.22	1833.31N	35.74W	1.58	1833.65	2134329.26	139270.40
6362.00	91.60	358.500	4819.90	1928.25N	37.98W	0.53	1928.63	2134327.02	139365.35
6457.00	91.20	358.500	4817.58	2023.19N	40.46W	0.42	2023.59	2134324.53	139460.29
6551.00	92.20	358.000	4814.79	2117.10N	43.33W	1.19	2117.55	2134321.66	139554.21
6645.00	90.70	358.600	4812.42	2211.03N	46.12W	1.72	2211.51	2134318.88	139648.14
6740.00	91.50	359.500	4810.59	2306.00N	47.70W	1.27	2306.49	2134317.30	139743.11
6835.00	91.40	359.400	4808.19	2400.96N	48.61W	0.15	2401.45	2134316.39	139838.08
6929.00	90.40	0.300	4806.71	2494.95N	48.85W	1.43	2495.43	2134316.14	139932.07
7024.00	91.20	0.100	4805.38	2589.94N	48.52W	0.87	2590.39	2134316.48	140027.07
7118.00	90.30	359.500	4804.15	2683.93N	48.85W	1.15	2684.37	2134316.15	140121.06
7272.00	88.50	359.500	4805.77	2837.91N	50.19W	1.17	2838.35	2134314.80	140275.05

All data is in Feet unless otherwise stated  
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot ( Moore 3407 1-35H 0.00ft above Mean Sea Level )  
 Vertical Section is from 0.00N 0.00E on azimuth 358.880 degrees  
 Bottom hole distance is 5125.32 Feet on azimuth 358.67 degrees from Wellhead  
 Calculation method uses Minimum Curvature method  
 Prepared by  
 Date Printed: 21-Jan-2013



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 Wellbore: Moore 3407 1-35H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
7336.00	89.10	358.500	4807.11	2901.88N	51.31W	1.82	2902.33	2134313.69	140339.03
7431.00	89.20	358.100	4808.52	2996.83N	54.13W	0.43	2997.31	2134310.87	140433.98
7526.00	91.40	358.300	4808.02	3091.78N	57.11W	2.33	3092.30	2134307.88	140528.93
7622.00	91.90	359.000	4805.25	3187.71N	59.37W	0.90	3188.26	2134305.62	140624.87
7718.00	91.30	358.400	4802.57	3283.64N	61.55W	0.88	3284.22	2134303.45	140720.81
7812.00	91.10	358.800	4800.61	3377.60N	63.85W	0.48	3378.20	2134301.15	140814.76
7908.00	90.90	358.300	4798.93	3473.55N	66.28W	0.56	3474.18	2134298.72	140910.72
8003.00	91.50	358.800	4796.94	3568.50N	68.68W	0.82	3569.16	2134296.32	141005.67
8098.00	91.50	357.500	4794.45	3663.41N	71.75W	1.37	3664.12	2134293.25	141100.60
8192.00	91.10	356.100	4792.32	3757.24N	76.99W	1.55	3758.03	2134288.01	141194.43
8287.00	92.10	357.900	4789.67	3852.07N	81.96W	2.17	3852.93	2134283.03	141289.26
8383.00	92.10	359.400	4786.15	3947.97N	84.22W	1.56	3948.87	2134280.77	141385.17
8454.00	90.00	359.100	4784.85	4018.95N	85.15W	2.99	4019.85	2134279.85	141456.15
8549.00	89.20	358.100	4785.51	4113.92N	87.47W	1.35	4114.84	2134277.52	141551.12
8644.00	89.40	358.400	4786.67	4208.87N	90.37W	0.38	4209.83	2134274.62	141646.08
8739.00	92.90	359.000	4784.77	4303.81N	92.53W	3.74	4304.80	2134272.47	141741.02
8834.00	93.70	359.100	4779.30	4398.64N	94.10W	0.85	4399.64	2134270.90	141835.86
8929.00	92.20	359.000	4774.41	4493.50N	95.67W	1.58	4494.51	2134269.32	141930.72
9024.00	89.70	358.900	4772.83	4588.46N	97.41W	2.63	4589.49	2134267.58	142025.69
9119.00	90.90	357.800	4772.34	4683.42N	100.15W	1.71	4684.48	2134264.85	142120.65
9215.00	90.50	357.400	4771.16	4779.32N	104.17W	0.59	4780.45	2134260.83	142216.56
9310.00	88.20	357.800	4772.24	4874.23N	108.15W	2.46	4875.41	2134256.85	142311.47
9406.00	88.40	357.500	4775.09	4970.11N	112.08W	0.38	4971.35	2134252.91	142407.35
9502.00	90.10	357.400	4776.35	5066.00N	116.35W	1.77	5067.30	2134248.64	142503.25
9514.00	90.40	357.300	4776.29	5077.99N	116.91W	2.64	5079.30	2134248.09	142515.24
9560.00	90.40	357.300	4775.97	5123.93N	119.07W	==>	5125.28	2134245.92	142561.19

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**Comments**

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
9560.00	4775.97	5123.93N	119.07W	Projection to bit @ TD

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