



Standard Wellpath Report
Sandridge
Sec 25 - 31S - 20W, Kansas
Comanche County
Wellbore: Kersteetter 3120 3-25H (Actual)

Wellbore

Name	Created	Last Revised
Kersteetter 3120 3-25H (Actual)	13-Mar-2013	8-Apr-2013

Well

Name	Government ID	Last Revised
Kersteetter 3120 3-25H		13-Mar-2013

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Kersteetter 3120 3-25H	235424.0000	1723993.0000	N37 18 33.7400	W99 26 56.3416	171.00N	1488.01E

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Comanche County	1722505.0000	235253.0000	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 25 - 31S - 20W	1722505.0000	235253.0000	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

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Comments

FINAL surveys MD 9633 is a projection to bit @ TD
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Sec 25 - 31S - 20W, Kansas
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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	1723993.00	235424.00
1424.00	1.30	298.500	1423.88	7.71N	14.20W	0.09	5.97	1723978.80	235431.71
1882.00	1.10	334.800	1881.78	14.16N	20.63W	0.17	11.62	1723972.37	235438.16
2357.00	1.10	304.200	2356.70	20.85N	26.35W	0.12	17.58	1723966.65	235444.85
2831.00	1.10	325.400	2830.61	27.16N	32.69W	0.09	23.09	1723960.31	235451.16
3306.00	0.80	0.800	3305.55	34.22N	35.24W	0.14	29.80	1723957.76	235458.22
3782.00	1.90	26.900	3781.42	44.58N	31.62W	0.26	40.52	1723961.38	235468.58
3972.00	1.70	37.500	3971.32	49.63N	28.48W	0.20	45.90	1723964.52	235473.63
4067.00	1.40	44.500	4066.29	51.58N	26.81W	0.37	48.03	1723966.19	235475.57
4097.00	1.20	52.700	4096.28	52.03N	26.30W	0.91	48.54	1723966.70	235476.03
4129.00	1.60	62.600	4128.27	52.44N	25.64W	1.46	49.02	1723967.36	235476.44
4161.00	3.30	64.900	4160.24	53.03N	24.41W	5.32	49.76	1723968.59	235477.03
4192.00	5.50	56.700	4191.15	54.23N	22.36W	7.36	51.19	1723970.64	235478.23
4224.00	7.90	56.400	4222.93	56.29N	19.24W	7.50	53.61	1723973.76	235480.28
4255.00	10.60	55.100	4253.52	59.10N	15.13W	8.74	56.88	1723977.87	235483.10
4287.00	11.90	59.300	4284.91	62.46N	9.88W	4.80	60.85	1723983.12	235486.46
4319.00	13.50	62.400	4316.12	65.88N	3.73W	5.43	64.97	1723989.27	235489.88
4350.00	14.20	63.100	4346.22	69.28N	2.87E	2.32	69.13	1723995.87	235493.28
4382.00	16.10	62.700	4377.11	73.09N	10.31E	5.95	73.79	1724003.31	235497.09
4414.00	18.40	62.000	4407.67	77.49N	18.71E	7.22	79.17	1724011.71	235501.49
4445.00	20.70	61.000	4436.88	82.45N	27.83E	7.50	85.17	1724020.83	235506.45
4477.00	23.10	60.200	4466.57	88.31N	38.22E	7.56	92.22	1724031.22	235512.31
4509.00	25.30	58.400	4495.75	95.01N	49.50E	7.25	100.21	1724042.49	235519.01
4540.00	27.40	56.400	4523.53	102.43N	61.08E	7.35	108.96	1724054.08	235526.43
4572.00	29.80	54.300	4551.62	111.15N	73.67E	8.13	119.10	1724066.67	235535.15
4604.00	32.20	53.900	4579.05	120.81N	87.02E	7.53	130.28	1724080.02	235544.81
4635.00	34.30	53.600	4604.98	130.87N	100.73E	6.79	141.89	1724093.73	235554.86
4667.00	36.40	54.000	4631.07	141.80N	115.67E	6.60	154.52	1724108.67	235565.80
4699.00	37.20	54.600	4656.70	152.98N	131.23E	2.74	167.47	1724124.23	235576.98
4730.00	39.60	54.800	4680.99	164.11N	146.95E	7.75	180.38	1724139.95	235588.11
4762.00	42.30	54.300	4705.16	176.27N	164.03E	8.50	194.49	1724157.03	235600.27
4794.00	44.60	53.900	4728.39	189.18N	181.85E	7.24	209.41	1724174.85	235613.18
4825.00	47.10	52.500	4749.98	202.51N	199.66E	8.69	224.76	1724192.66	235626.50
4857.00	49.60	50.900	4771.24	217.33N	218.42E	8.66	241.70	1724211.42	235641.33
4889.00	50.00	49.600	4791.90	232.96N	237.21E	3.35	259.45	1724230.21	235656.95
4920.00	49.70	49.000	4811.89	248.41N	255.17E	1.77	276.92	1724248.17	235672.41
4952.00	49.60	48.800	4832.61	264.44N	273.55E	0.72	295.02	1724266.55	235688.44
4984.00	49.10	48.100	4853.45	280.54N	291.72E	2.28	313.16	1724284.72	235704.54
5015.00	48.70	47.200	4873.83	296.28N	308.98E	2.54	330.84	1724301.98	235720.28
5047.00	49.30	47.000	4894.83	312.72N	326.67E	1.93	349.26	1724319.67	235736.72
5078.00	50.70	46.400	4914.75	329.01N	343.96E	4.75	367.48	1724336.95	235753.00
5110.00	53.20	45.600	4934.47	346.51N	362.08E	8.06	387.01	1724355.07	235770.51
5142.00	55.50	43.200	4953.12	365.09N	380.26E	9.42	407.62	1724373.26	235789.09
5174.00	57.20	41.700	4970.86	384.75N	398.24E	6.59	429.27	1724391.23	235808.74
5205.00	58.60	39.800	4987.33	404.64N	415.38E	6.88	451.06	1724408.37	235828.64
5237.00	59.60	36.000	5003.77	426.30N	432.23E	10.66	474.57	1724425.23	235850.30
5268.00	61.20	33.000	5019.08	448.52N	447.49E	9.87	498.43	1724440.49	235872.51
5300.00	62.60	31.600	5034.15	472.38N	462.57E	5.83	523.91	1724455.57	235896.37
5332.00	64.50	30.500	5048.41	496.92N	477.35E	6.69	550.04	1724470.34	235920.92
5363.00	66.90	29.300	5061.16	521.41N	491.43E	8.51	576.03	1724484.42	235945.41
5395.00	69.00	27.600	5073.18	547.49N	505.55E	8.20	603.59	1724498.55	235971.48
5426.00	70.90	25.800	5083.81	573.50N	518.64E	8.20	630.98	1724511.63	235997.50
5458.00	72.50	23.600	5093.85	601.10N	531.33E	8.22	659.89	1724524.32	236025.10
5490.00	74.10	20.900	5103.05	629.47N	542.93E	9.50	689.43	1724535.92	236053.46
5521.00	77.40	18.500	5110.68	657.75N	553.05E	13.02	718.71	1724546.04	236081.75
5553.00	79.90	15.600	5116.98	687.74N	562.24E	11.83	749.58	1724555.24	236111.74
5585.00	81.90	12.600	5122.04	718.38N	569.94E	11.17	780.92	1724562.93	236142.38
5616.00	84.00	9.300	5125.85	748.58N	575.78E	12.55	811.60	1724568.77	236172.58
5740.00	87.60	3.300	5134.94	871.43N	589.33E	5.63	935.18	1724582.32	236295.42
5832.00	89.40	0.800	5137.34	963.33N	592.61E	3.35	1026.82	1724585.61	236387.32
5924.00	89.80	1.000	5137.99	1055.31N	594.06E	0.49	1118.33	1724587.05	236479.30
6016.00	91.40	0.200	5137.02	1147.30N	595.02E	1.94	1209.78	1724588.02	236571.29
6106.00	90.60	358.000	5135.45	1237.27N	593.61E	2.60	1298.95	1724586.60	236661.26
6198.00	89.10	357.600	5135.69	1329.20N	590.08E	1.69	1389.81	1724583.07	236753.18
6289.00	92.30	359.100	5134.58	1420.14N	587.46E	3.88	1479.80	1724580.45	236844.12
6381.00	92.60	359.200	5130.65	1512.04N	586.09E	0.34	1570.89	1724579.09	236936.03
6474.00	92.00	358.900	5126.92	1604.96N	584.55E	0.72	1662.96	1724577.55	237028.94
6567.00	89.00	357.400	5126.11	1697.89N	581.55E	3.61	1754.89	1724574.55	237121.87
6659.00	91.00	0.200	5126.11	1789.86N	579.63E	3.74	1845.97	1724572.62	237213.84
6751.00	90.80	0.200	5124.66	1881.84N	579.95E	0.22	1937.35	1724572.94	237305.83

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Kersteetter 3120 3-25H 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 6.810 degrees
Bottom hole distance is 4794.19 Feet on azimuth 6.64 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 8-Apr-2013



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MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
6844.00	91.50	2.200	5122.79	1974.80N	581.89E	2.28	2029.88	1724574.89	237398.78
6937.00	89.00	0.200	5122.39	2067.77N	583.84E	3.44	2122.42	1724576.83	237491.75
7030.00	89.40	0.700	5123.69	2160.75N	584.57E	0.69	2214.84	1724577.57	237584.73
7122.00	91.10	2.500	5123.28	2252.71N	587.14E	2.69	2306.45	1724580.13	237676.69
7213.00	89.50	0.200	5122.81	2343.68N	589.28E	3.08	2397.03	1724582.28	237767.65
7305.00	89.10	358.800	5123.93	2435.66N	588.48E	1.58	2488.27	1724581.47	237859.64
7395.00	86.50	358.200	5127.39	2525.56N	586.13E	2.96	2577.25	1724579.12	237949.53
7487.00	86.90	357.500	5132.68	2617.34N	582.68E	0.88	2667.98	1724575.68	238041.31
7579.00	90.70	357.400	5134.61	2709.21N	578.59E	4.13	2758.72	1724571.58	238133.18
7674.00	90.90	357.000	5133.28	2804.09N	573.95E	0.47	2852.37	1724566.94	238228.06
7794.00	92.10	357.800	5130.14	2923.92N	568.51E	1.20	2970.71	1724561.50	238347.89
7889.00	92.10	358.200	5126.66	3018.80N	565.19E	0.42	3064.53	1724558.19	238442.77
7984.00	92.00	358.800	5123.26	3113.70N	562.71E	0.64	3158.47	1724555.70	238537.67
8079.00	92.30	359.100	5119.70	3208.62N	560.97E	0.45	3252.51	1724553.96	238632.59
8174.00	92.10	359.300	5116.05	3303.54N	559.64E	0.30	3346.60	1724552.64	238727.51
8269.00	91.20	1.600	5113.32	3398.49N	560.39E	2.60	3440.97	1724553.38	238822.46
8364.00	90.10	1.300	5112.24	3493.45N	562.79E	1.20	3535.55	1724555.79	238917.42
8459.00	91.90	0.500	5110.58	3588.42N	564.29E	2.07	3630.02	1724557.28	239012.39
8553.00	91.30	0.700	5107.96	3682.38N	565.27E	0.67	3723.43	1724558.26	239106.34
8648.00	90.10	0.500	5106.79	3777.37N	566.26E	1.28	3817.87	1724559.26	239201.33
8743.00	90.10	359.600	5106.63	3872.37N	566.35E	0.95	3912.21	1724559.34	239296.33
8838.00	87.60	358.400	5108.54	3967.32N	564.69E	2.92	4006.30	1724557.68	239391.28
8933.00	89.70	359.000	5110.77	4062.27N	562.54E	2.30	4100.31	1724555.53	239486.23
9028.00	90.80	359.300	5110.36	4157.25N	561.13E	1.20	4194.46	1724554.12	239581.21
9123.00	92.10	359.900	5107.96	4252.22N	560.46E	1.51	4288.68	1724553.46	239676.18
9218.00	91.90	360.000	5104.64	4347.16N	560.38E	0.24	4382.94	1724553.38	239771.12
9313.00	90.30	358.800	5102.82	4442.13N	559.39E	2.11	4477.12	1724552.38	239866.09
9408.00	90.70	359.200	5101.99	4537.11N	557.73E	0.60	4571.24	1724550.72	239961.07
9503.00	91.40	359.200	5100.25	4632.09N	556.40E	0.74	4665.39	1724549.40	240056.04
9584.00	92.50	359.300	5097.49	4713.03N	555.34E	1.36	4745.63	1724548.34	240136.99
9633.00	92.50	359.300	5095.35	4761.98N	554.74E	==>	4794.17	1724547.74	240185.94

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