



Standard Wellpath Report
Sandridge
Sec 25 - 32S - 4W, Kansas
Sumner County
Wellbore: Yarnell 3204 1-25H (Actual)

Wellbore

Name	Created	Last Revised
Yarnell 3204 1-25H (Actual)	10-Jun-2013	3-Jul-2013

Well

Name	Government ID	Last Revised
Yarnell 3204 1-25H		10-Jun-2013

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Yarnell 3204 1-25H	207975.0000	2231904.0000	N37 14 6.4399	W97 42 12.4271	2418.99S	1975.99E

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Sumner County	2229928.0000	210394.0000	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 25 - 32S - 4W	2229928.0000	210394.0000	KS-S on NORTH AMERICAN DATUM 1927 datum	Grid

Created By

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Comments

FINAL Surveys. MD 8365 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	2231904.00	207975.00
502.00	1.00	45.100	501.97	3.09N	3.10E	0.20	3.09	2231907.10	207978.09
960.00	0.90	47.900	959.91	8.32N	8.60E	0.02	8.33	2231912.60	207983.32
1418.00	1.00	23.400	1417.85	14.40N	12.86E	0.09	14.41	2231916.86	207989.40
1880.00	0.70	0.600	1879.80	20.93N	14.49E	0.10	20.93	2231918.49	207995.93
2259.00	0.80	354.100	2258.77	25.87N	14.24E	0.03	25.88	2231918.24	208000.87
2734.00	0.50	344.900	2733.74	31.17N	13.36E	0.07	31.17	2231917.36	208006.17
3200.00	0.80	281.100	3199.71	33.76N	9.64E	0.16	33.76	2231913.64	208008.76
3240.00	0.70	304.000	3239.71	33.95N	9.16E	0.78	33.95	2231913.16	208008.95
3272.00	1.90	4.200	3271.70	34.59N	9.04E	5.21	34.59	2231913.04	208009.59
3304.00	4.90	15.100	3303.64	36.44N	9.43E	9.55	36.44	2231913.43	208011.44
3335.00	7.90	5.600	3334.44	39.84N	9.99E	10.23	39.84	2231913.99	208014.84
3367.00	11.60	358.100	3365.98	45.25N	10.10E	12.20	45.25	2231914.10	208020.25
3399.00	14.50	357.700	3397.15	52.47N	9.83E	9.07	52.47	2231913.83	208027.47
3430.00	17.20	357.100	3426.97	60.92N	9.44E	8.73	60.92	2231913.44	208035.92
3462.00	19.90	357.100	3457.30	71.09N	8.92E	8.44	71.09	2231912.92	208046.09
3493.00	22.30	357.600	3486.22	82.24N	8.41E	7.76	82.24	2231912.41	208057.24
3525.00	24.70	359.200	3515.57	94.99N	8.06E	7.76	94.99	2231912.06	208069.99
3556.00	27.40	0.200	3543.41	108.60N	8.00E	8.82	108.60	2231912.00	208083.60
3588.00	30.00	0.500	3571.48	123.97N	8.09E	8.14	123.97	2231912.09	208098.97
3620.00	32.50	0.400	3598.84	140.56N	8.22E	7.81	140.57	2231912.22	208115.57
3651.00	34.80	0.600	3624.64	157.74N	8.37E	7.43	157.74	2231912.37	208132.74
3683.00	36.40	0.100	3650.66	176.37N	8.49E	5.08	176.37	2231912.49	208151.37
3715.00	38.20	0.000	3676.11	195.76N	8.50E	5.63	195.76	2231912.50	208170.76
3746.00	39.50	359.200	3700.25	215.20N	8.37E	4.50	215.20	2231912.37	208190.20
3778.00	41.00	358.900	3724.68	235.88N	8.02E	4.73	235.88	2231912.02	208210.88
3809.00	43.10	0.000	3747.69	256.64N	7.83E	7.18	256.64	2231911.83	208231.64
3841.00	45.90	1.600	3770.52	279.06N	8.15E	9.43	279.06	2231912.15	208254.06
3873.00	48.30	2.400	3792.30	302.48N	8.97E	7.72	302.49	2231912.97	208277.49
3904.00	50.70	2.900	3812.43	326.03N	10.06E	7.84	326.03	2231914.06	208301.03
3936.00	53.40	2.100	3832.11	351.24N	11.16E	8.66	351.24	2231915.16	208326.24
3968.00	55.70	0.400	3850.67	377.29N	11.72E	8.39	377.30	2231915.72	208352.30
3999.00	58.50	359.700	3867.50	403.32N	11.74E	9.23	403.32	2231915.74	208378.32
4031.00	61.60	358.500	3883.48	431.04N	11.30E	10.22	431.04	2231915.30	208406.04
4062.00	63.50	358.200	3897.77	458.54N	10.51E	6.19	458.54	2231914.51	208433.54
4094.00	66.10	358.700	3911.39	487.48N	9.73E	8.25	487.48	2231913.73	208462.48
4126.00	68.50	358.700	3923.74	516.99N	9.06E	7.50	516.99	2231913.06	208491.99
4157.00	71.20	359.300	3934.42	546.08N	8.55E	8.90	546.09	2231912.55	208521.09
4189.00	74.50	0.100	3943.85	576.66N	8.39E	10.59	576.66	2231912.39	208551.66
4221.00	78.00	0.600	3951.46	607.73N	8.58E	11.04	607.74	2231912.58	208582.74
4252.00	81.40	1.000	3957.00	638.23N	9.01E	11.04	638.23	2231913.01	208613.23
4284.00	84.60	1.200	3960.90	669.98N	9.62E	10.02	669.98	2231913.62	208644.98
4315.00	86.80	0.900	3963.22	700.88N	10.19E	7.16	700.89	2231914.19	208675.89
4347.00	87.50	0.200	3964.81	732.84N	10.49E	3.09	732.84	2231914.49	208707.85
4379.00	88.50	359.800	3965.93	764.82N	10.49E	3.37	764.82	2231914.49	208739.83
4410.00	88.50	359.700	3966.74	795.81N	10.36E	0.32	795.81	2231914.36	208770.82
4442.00	88.50	359.800	3967.58	827.80N	10.22E	0.31	827.80	2231914.22	208802.80
4474.00	88.80	359.300	3968.33	859.79N	9.97E	1.82	859.79	2231913.97	208834.79
4505.00	88.80	358.900	3968.98	890.78N	9.48E	1.29	890.78	2231913.48	208865.78
4537.00	88.90	358.500	3969.63	922.77N	8.75E	1.29	922.77	2231912.75	208897.77
4569.00	88.80	357.900	3970.27	954.74N	7.75E	1.90	954.74	2231911.75	208929.75
4600.00	88.70	357.800	3970.94	985.71N	6.59E	0.46	985.71	2231910.59	208960.72
4632.00	88.70	357.800	3971.67	1017.68N	5.36E	==>	1017.68	2231909.36	208992.69
4649.00	88.60	357.600	3972.07	1034.66N	4.68E	1.32	1034.66	2231908.68	209009.67
4695.00	88.70	357.100	3973.15	1080.60N	2.55E	1.11	1080.60	2231906.55	209055.61
4790.00	90.90	358.200	3973.49	1175.51N	1.35W	2.59	1175.51	2231902.65	209150.52
4885.00	92.50	0.800	3970.67	1270.46N	2.17W	3.21	1270.46	2231901.83	209245.46
4979.00	92.50	359.800	3966.57	1364.36N	1.68W	1.06	1364.36	2231902.32	209339.37
5074.00	90.70	359.500	3963.91	1459.32N	2.26W	1.92	1459.32	2231901.74	209434.33
5169.00	92.00	0.100	3961.68	1554.29N	2.59W	1.51	1554.29	2231901.41	209529.30
5261.00	89.60	359.400	3960.39	1646.28N	3.00W	2.72	1646.27	2231901.00	209621.28
5352.00	89.70	0.500	3960.95	1737.27N	3.08W	1.21	1737.27	2231900.92	209712.28
5444.00	90.70	0.700	3960.63	1829.27N	2.11W	1.11	1829.26	2231901.89	209804.27
5536.00	92.10	1.300	3958.38	1921.22N	0.51W	1.66	1921.22	2231903.49	209896.23
5627.00	88.60	0.000	3957.82	2012.20N	0.52E	4.10	2012.20	2231904.52	209987.21
5719.00	87.60	359.800	3960.87	2104.15N	0.36E	1.11	2104.15	2231904.36	210079.15
5811.00	87.20	358.800	3965.05	2196.04N	0.76W	1.17	2196.04	2231903.24	210171.05
5903.00	90.90	0.500	3966.57	2288.01N	1.32W	4.43	2288.01	2231902.68	210263.02
5994.00	90.70	359.800	3965.30	2379.00N	1.08W	0.80	2379.00	2231902.92	210354.01
6086.00	91.40	359.800	3963.62	2470.98N	1.40W	0.76	2470.98	2231902.60	210445.99

All data is in Feet unless otherwise stated
Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Yarnell 3204 1-25H 0.00ft above Mean Sea Level)
Vertical Section is from 0.00N 0.00E on azimuth 0.010 degrees
Bottom hole distance is 4749.58 Feet on azimuth 0.10 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 3-Jul-2013



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 Sandridge
 Sec 25 - 32S - 4W, Kansas
 Sumner County
 Wellbore: Yarnell 3204 1-25H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
6177.00	90.10	358.900	3962.42	2561.97N	2.43W	1.74	2561.97	2231901.57	210536.98
6269.00	88.10	0.400	3963.87	2653.95N	3.00W	2.72	2653.95	2231901.00	210628.96
6361.00	89.10	0.300	3966.12	2745.92N	2.44W	1.09	2745.91	2231901.56	210720.93
6452.00	89.60	0.300	3967.15	2836.91N	1.96W	0.55	2836.91	2231902.04	210811.92
6544.00	88.50	359.900	3968.68	2928.89N	1.80W	1.27	2928.89	2231902.20	210903.91
6636.00	89.10	359.300	3970.60	3020.87N	2.44W	0.92	3020.87	2231901.56	210995.88
6727.00	89.20	359.200	3971.95	3111.85N	3.63W	0.16	3111.85	2231900.37	211086.87
6819.00	89.60	359.800	3972.92	3203.84N	4.43W	0.78	3203.84	2231899.57	211178.86
6910.00	90.90	359.600	3972.52	3294.84N	4.91W	1.45	3294.84	2231899.09	211269.85
7005.00	91.50	0.100	3970.53	3389.82N	5.16W	0.82	3389.82	2231898.84	211364.83
7100.00	90.20	0.100	3969.12	3484.80N	4.99W	1.37	3484.80	2231899.01	211459.82
7195.00	89.20	1.100	3969.62	3579.80N	4.00W	1.49	3579.79	2231900.00	211554.81
7290.00	89.40	1.100	3970.78	3674.77N	2.18W	0.21	3674.77	2231901.82	211649.79
7385.00	89.50	0.900	3971.69	3769.75N	0.52W	0.24	3769.75	2231903.48	211744.77
7480.00	89.40	0.100	3972.60	3864.74N	0.31E	0.85	3864.74	2231904.31	211839.76
7575.00	90.10	0.100	3973.02	3959.74N	0.48E	0.74	3959.74	2231904.48	211934.76
7670.00	89.40	0.400	3973.43	4054.74N	0.89E	0.80	4054.74	2231904.89	212029.76
7765.00	89.90	0.900	3974.01	4149.73N	1.97E	0.74	4149.73	2231905.97	212124.75
7860.00	89.60	1.200	3974.43	4244.71N	3.71E	0.45	4244.71	2231907.71	212219.73
7955.00	89.70	1.200	3975.01	4339.69N	5.70E	0.11	4339.69	2231909.70	212314.71
8050.00	89.00	1.400	3976.08	4434.66N	7.86E	0.77	4434.66	2231911.86	212409.68
8145.00	88.80	0.300	3977.91	4529.63N	9.26E	1.18	4529.63	2231913.26	212504.65
8240.00	88.70	0.300	3979.98	4624.61N	9.76E	0.11	4624.61	2231913.76	212599.63
8316.00	89.60	358.700	3981.11	4700.59N	9.10E	2.42	4700.59	2231913.10	212675.61
8365.00	89.60	358.700	3981.45	4749.58N	7.99E	==>	4749.58	2231911.99	212724.60

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Sumner County
Wellbore: Yarnell 3204 1-25H (Actual)

Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
8365.00	3981.45	4749.58N	7.99E	Projection to bit @ TD

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