



Standard Wellpath Report
 Sandridge
 Sec 9 - 18S - 25W , Kansas
 Ness County
 Wellbore: Sutton 1-9H (Actual)

Wellbore

Name	Created	Last Revised
Sutton 1-9H (Actual)	15-Jun-2012	10-Jul-2012

Well

Name	Government ID	Last Revised
Sutton 1-9H		15-Jun-2012

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Sutton 1-9H	1981741.0000	858729.0000	N38 29 39.9748	W100 5 5.7043	211.00N	475.01W

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Ness County	859204.0000	1981530.0001	KS83-SF on NORTH AMERICAN DATUM 1983 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 9 - 18S - 25W	859204.0000	1981530.0001	KS83-SF on NORTH AMERICAN DATUM 1983 datum	Grid

Created By

Comments



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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	858729.00	1981741.00
1627.00	0.20	8.600	1627.00	2.81N	0.42E	==>	2.81	858729.42	1981743.81
1786.00	0.30	281.500	1786.00	3.17N	0.06E	0.22	3.17	858729.06	1981744.17
2262.00	0.20	290.100	2261.99	3.70N	1.94W	0.02	3.67	858727.06	1981744.70
2452.00	0.30	261.600	2451.99	3.74N	2.75W	0.08	3.70	858726.25	1981744.74
2929.00	0.10	240.400	2928.99	3.35N	4.34W	0.04	3.29	858724.66	1981744.35
3405.00	0.20	211.600	3404.98	2.44N	5.14W	0.03	2.37	858723.86	1981743.44
3501.00	0.20	176.500	3500.98	2.13N	5.22W	0.13	2.06	858723.78	1981743.13
3564.00	0.20	294.600	3563.98	2.07N	5.31W	0.54	1.99	858723.69	1981743.07
3596.00	0.40	304.000	3595.98	2.15N	5.45W	0.64	2.07	858723.55	1981743.15
3628.00	1.90	356.500	3627.98	2.74N	5.58W	5.27	2.66	858723.42	1981743.74
3660.00	3.90	358.600	3659.93	4.36N	5.64W	6.26	4.28	858723.36	1981745.36
3691.00	6.40	0.600	3690.81	7.14N	5.65W	8.08	7.06	858723.35	1981748.14
3723.00	8.60	1.400	3722.53	11.32N	5.57W	6.88	11.24	858723.43	1981752.32
3755.00	10.20	1.600	3754.10	16.54N	5.43W	5.00	16.46	858723.57	1981757.54
3786.00	12.20	0.700	3784.51	22.56N	5.31W	6.48	22.49	858723.69	1981763.56
3818.00	14.20	0.600	3815.66	29.87N	5.23W	6.25	29.79	858723.77	1981770.87
3850.00	16.00	1.900	3846.55	38.20N	5.05W	5.72	38.13	858723.95	1981779.20
3882.00	18.00	2.300	3877.16	47.55N	4.70W	6.26	47.48	858724.30	1981788.55
3913.00	19.90	2.000	3906.47	57.61N	4.32W	6.14	57.54	858724.68	1981798.61
3945.00	21.80	1.600	3936.38	68.99N	3.97W	5.95	68.93	858725.03	1981809.99
3977.00	23.60	1.200	3965.90	81.34N	3.67W	5.65	81.28	858725.33	1981822.34
4009.00	25.70	1.400	3994.98	94.68N	3.36W	6.57	94.62	858725.64	1981835.68
4041.00	28.00	1.500	4023.53	109.13N	3.00W	7.19	109.08	858726.00	1981850.13
4072.00	30.10	0.700	4050.63	124.18N	2.71W	6.89	124.13	858726.29	1981865.18
4104.00	32.40	359.600	4077.98	140.78N	2.67W	7.41	140.72	858726.33	1981881.77
4136.00	34.80	359.600	4104.63	158.48N	2.80W	7.50	158.43	858726.20	1981899.48
4168.00	37.50	359.700	4130.47	177.36N	2.91W	8.44	177.30	858726.09	1981918.36
4199.00	40.00	0.100	4154.64	196.76N	2.94W	8.10	196.70	858726.06	1981937.76
4231.00	42.30	0.600	4178.74	217.82N	2.81W	7.26	217.75	858726.19	1981958.81
4263.00	44.50	0.800	4201.99	239.80N	2.54W	6.89	239.74	858726.46	1981980.80
4294.00	47.30	1.300	4223.56	262.05N	2.13W	9.11	262.00	858726.87	1982003.05
4326.00	49.90	1.700	4244.72	286.05N	1.50W	8.18	286.00	858727.50	1982027.04
4358.00	50.50	1.900	4265.20	310.62N	0.73W	1.94	310.58	858728.27	1982051.62
4390.00	50.50	2.100	4285.56	335.30N	0.13E	0.48	335.27	858729.13	1982076.29
4422.00	49.80	1.800	4306.06	359.85N	0.97E	2.30	359.83	858729.97	1982100.84
4453.00	49.40	2.000	4326.15	383.44N	1.75E	1.38	383.43	858730.75	1982124.44
4485.00	49.20	1.600	4347.02	407.69N	2.51E	1.14	407.69	858731.51	1982148.69
4517.00	49.00	1.500	4367.97	431.87N	3.16E	0.67	431.87	858732.16	1982172.86
4549.00	51.10	1.700	4388.52	456.39N	3.85E	6.58	456.40	858732.85	1982197.38
4580.00	54.40	1.400	4407.28	481.06N	4.52E	10.67	481.07	858733.52	1982222.05
4612.00	57.90	1.300	4425.10	507.62N	5.14E	10.94	507.64	858734.14	1982248.61
4644.00	60.90	1.200	4441.39	535.15N	5.74E	9.38	535.18	858734.74	1982276.15
4676.00	64.10	1.200	4456.16	563.53N	6.34E	10.00	563.56	858735.34	1982304.52
4708.00	67.30	1.200	4469.33	592.68N	6.95E	10.00	592.72	858735.95	1982333.67
4739.00	70.30	1.300	4480.54	621.57N	7.58E	9.68	621.62	858736.58	1982362.57
4771.00	72.80	1.500	4490.67	651.92N	8.32E	7.83	651.97	858737.32	1982392.91
4803.00	76.00	1.300	4499.27	682.73N	9.07E	10.02	682.79	858738.07	1982423.72
4835.00	79.60	0.800	4506.03	713.99N	9.64E	11.35	714.06	858738.64	1982454.98
4867.00	83.00	0.000	4510.87	745.62N	9.86E	10.91	745.68	858738.86	1982486.61
4898.00	86.30	359.900	4513.76	776.48N	9.84E	10.65	776.54	858738.84	1982517.47
4930.00	89.60	0.100	4514.91	808.46N	9.84E	10.33	808.51	858738.84	1982549.44
4942.00	90.40	0.100	4514.91	820.46N	9.86E	6.67	820.51	858738.86	1982561.44
4984.00	91.20	0.800	4514.32	862.45N	10.19E	2.53	862.51	858739.19	1982603.44
5016.00	92.60	1.300	4513.26	894.43N	10.77E	4.65	894.49	858739.77	1982635.41
5048.00	93.50	1.600	4511.56	926.37N	11.58E	2.96	926.44	858740.58	1982667.36
5080.00	92.10	1.000	4509.99	958.32N	12.31E	4.76	958.40	858741.31	1982699.31
5111.00	92.10	1.200	4508.86	989.30N	12.90E	0.64	989.38	858741.90	1982730.28
5143.00	92.50	0.900	4507.57	1021.26N	13.49E	1.56	1021.35	858742.49	1982762.25
5175.00	92.90	1.000	4506.07	1053.22N	14.02E	1.29	1053.32	858743.02	1982794.21
5207.00	91.50	1.000	4504.84	1085.20N	14.58E	4.38	1085.29	858743.58	1982826.18
5239.00	91.50	0.800	4504.00	1117.18N	15.08E	0.62	1117.28	858744.08	1982858.16
5271.00	89.50	0.700	4503.72	1149.17N	15.50E	6.26	1149.28	858744.50	1982890.16
5303.00	89.40	0.700	4504.03	1181.17N	15.89E	0.31	1181.28	858744.89	1982922.15
5334.00	89.60	0.900	4504.30	1212.17N	16.32E	0.91	1212.28	858745.32	1982953.15
5365.00	89.70	0.300	4504.49	1243.16N	16.65E	1.96	1243.28	858745.65	1982984.14
5395.00	89.90	0.100	4504.59	1273.16N	16.75E	0.94	1273.27	858745.75	1983014.14
5426.00	90.20	359.900	4504.56	1304.16N	16.75E	1.16	1304.27	858745.75	1983045.14
5457.00	90.30	359.600	4504.43	1335.16N	16.62E	1.02	1335.26	858745.62	1983076.14
5488.00	88.60	359.700	4504.73	1366.16N	16.43E	5.49	1366.26	858745.43	1983107.14

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Sutton 1-9H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 0.810 degrees
 Bottom hole distance is 4742.00 Feet on azimuth 0.75 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 10-Jul-2012



Standard Wellpath Report
 Sandridge
 Sec 9 - 18S - 25W , Kansas
 Ness County
 Wellbore: Sutton 1-9H (Actual)

Wellpath (Grid) Report

MD[ft]	Inc[deg]	Azi[deg]	TVD[ft]	North[ft]	East[ft]	Dogleg [deg/100ft]	Vertical Section[ft]	Easting	Northing
7724.00	93.50	3.900	4454.72	3600.16N	55.50E	1.90	3600.59	858784.50	1985341.11
7755.00	93.10	4.600	4452.94	3631.02N	57.80E	2.60	3631.48	858786.80	1985371.97
7787.00	92.10	4.200	4451.49	3662.90N	60.25E	3.37	3663.38	858789.25	1985403.84
7819.00	92.30	4.700	4450.26	3694.78N	62.73E	1.68	3695.29	858791.73	1985435.72
7851.00	91.30	3.800	4449.25	3726.67N	65.10E	4.20	3727.22	858794.10	1985467.61
7883.00	90.40	3.200	4448.78	3758.61N	67.06E	3.38	3759.18	858796.05	1985499.55
7915.00	90.60	3.500	4448.50	3790.55N	68.93E	1.13	3791.15	858797.92	1985531.49
7947.00	90.80	3.200	4448.11	3822.50N	70.79E	1.13	3823.11	858799.79	1985563.44
7978.00	90.50	2.900	4447.76	3853.45N	72.44E	1.37	3854.09	858801.44	1985594.39
8010.00	89.80	2.600	4447.67	3885.41N	73.98E	2.38	3886.07	858802.98	1985626.35
8042.00	89.80	2.800	4447.78	3917.38N	75.49E	0.62	3918.05	858804.49	1985658.32
8074.00	89.70	2.500	4447.92	3949.34N	76.97E	0.99	3950.04	858805.97	1985690.28
8106.00	88.50	1.500	4448.43	3981.32N	78.08E	4.88	3982.02	858807.08	1985722.26
8138.00	88.50	1.400	4449.26	4013.30N	78.89E	0.31	4014.01	858807.89	1985754.23
8170.00	88.70	1.600	4450.05	4045.28N	79.73E	0.88	4046.00	858808.73	1985786.21
8202.00	89.20	1.400	4450.63	4077.26N	80.57E	1.68	4077.99	858809.57	1985818.20
8266.00	88.60	1.000	4451.86	4141.23N	81.91E	1.13	4141.98	858810.91	1985882.17
8297.00	88.70	1.100	4452.59	4172.22N	82.48E	0.46	4172.97	858811.47	1985913.15
8329.00	88.40	0.300	4453.40	4204.21N	82.87E	2.67	4204.96	858811.86	1985945.14
8361.00	88.00	359.700	4454.41	4236.19N	82.87E	2.25	4236.94	858811.86	1985977.13
8393.00	87.20	358.800	4455.75	4268.16N	82.45E	3.76	4268.90	858811.45	1986009.09
8425.00	87.30	358.400	4457.28	4300.11N	81.67E	1.29	4300.84	858810.67	1986041.05
8457.00	88.60	358.100	4458.43	4332.08N	80.69E	4.17	4332.78	858809.69	1986073.01
8489.00	89.60	358.100	4458.93	4364.05N	79.63E	3.13	4364.74	858808.63	1986104.99
8521.00	90.00	358.200	4459.04	4396.04N	78.60E	1.29	4396.71	858807.60	1986136.97
8552.00	90.20	358.100	4458.99	4427.02N	77.60E	0.72	4427.68	858806.59	1986167.95
8585.00	89.50	357.300	4459.07	4459.99N	76.27E	3.22	4460.63	858805.27	1986200.93
8616.00	89.20	356.900	4459.42	4490.95N	74.70E	1.61	4491.56	858803.70	1986231.88
8648.00	90.40	357.200	4459.54	4522.91N	73.06E	3.87	4523.49	858802.06	1986263.84
8680.00	90.40	357.200	4459.31	4554.87N	71.49E	==>	4555.43	858800.49	1986295.80
8712.00	90.40	356.400	4459.09	4586.82N	69.71E	2.50	4587.35	858798.71	1986327.75
8744.00	90.90	357.100	4458.73	4618.77N	67.89E	2.69	4619.26	858796.89	1986359.69
8776.00	91.10	357.000	4458.17	4650.72N	66.25E	0.70	4651.19	858795.25	1986391.65
8808.00	91.20	357.300	4457.53	4682.67N	64.66E	0.99	4683.12	858793.65	1986423.60
8867.00	91.20	357.300	4456.29	4741.59N	61.88E	==>	4741.99	858790.88	1986482.52

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 Vertical Section is from 0.00N 0.00E on azimuth 0.810 degrees
 Bottom hole distance is 4742.00 Feet on azimuth 0.75 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 10-Jul-2012



Standard Wellpath Report
Sandridge
Sec 9 - 18S - 25W , Kansas
Ness County
Wellbore: Sutton 1-9H (Actual)

Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
8867.00	4456.29	4741.59N	61.88E	Projection to bit @ TD

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Vertical Section is from 0.00N 0.00E on azimuth 0.810 degrees
Bottom hole distance is 4742.00 Feet on azimuth 0.75 degrees from Wellhead
Calculation method uses Minimum Curvature method
Prepared by
Date Printed: 10-Jul-2012