



Standard Wellpath Report
 Sandridge
 Sec 35 - 21S - 24W, Kansas
 Hodgeman County
 Wellbore: Goebel 1-35H (Actual)

Wellbore

Name	Created	Last Revised
Goebel 1-35H (Actual)	24-May-2012	18-Jun-2012

Well

Name	Government ID	Last Revised
Goebel 1-35H		24-May-2012

Slot

Name	Grid Northing	Grid Easting	Latitude	Longitude	North	East
Goebel 1-35H	1869845.0000	902647.0000	N38 11 20.9779	W99 55 31.8507	188.01S	2241.12W

Installation

Name	Easting	Northing	Coord System Name	North Alignment
Hodgeman County	904888.0000	1870033.0001	KS83-SF on NORTH AMERICAN DATUM 1983 datum	Grid

Field

Name	Easting	Northing	Coord System Name	North Alignment
Sec 35 - 21S - 24W	904888.0000	1870033.0001	KS83-SF on NORTH AMERICAN DATUM 1983 datum	Grid

Created By

Comments
FINAL Surveys MD 8861 is a Projection to bit @ TD



Standard Wellpath Report
 Sandridge
 Sec 35 - 21S - 24W, Kansas
 Hodgeman County
 Wellbore: Goebel 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
0.00	0.00	0.000	0.00	0.00N	0.00E		0.00	902647.00	1869845.00
1499.00	0.50	352.600	1498.98	6.49N	0.84W	0.03	-6.48	902646.16	1869851.49
1690.00	0.50	15.800	1689.97	8.11N	0.72W	0.11	-8.11	902646.28	1869853.11
2166.00	0.10	19.300	2165.97	10.50N	0.02W	0.08	-10.50	902646.98	1869855.50
2642.00	0.40	342.200	2641.96	12.48N	0.39W	0.07	-12.48	902646.61	1869857.48
3118.00	0.50	267.200	3117.95	13.96N	2.97W	0.12	-13.95	902644.03	1869858.96
3596.00	0.30	283.800	3595.94	14.16N	6.27W	0.05	-14.14	902640.73	1869859.16
3691.00	0.20	247.400	3690.94	14.15N	6.67W	0.19	-14.13	902640.33	1869859.15
3723.00	0.20	253.700	3722.94	14.11N	6.77W	0.07	-14.10	902640.23	1869859.11
3755.00	0.70	180.700	3754.94	13.90N	6.83W	2.09	-13.89	902640.17	1869858.90
3786.00	2.00	181.200	3785.93	13.17N	6.84W	4.19	-13.16	902640.16	1869858.17
3818.00	3.50	179.500	3817.89	11.64N	6.84W	4.69	-11.62	902640.16	1869856.64
3850.00	5.00	177.300	3849.80	9.27N	6.77W	4.71	-9.25	902640.23	1869854.27
3881.00	6.50	178.200	3880.64	6.17N	6.65W	4.85	-6.15	902640.35	1869851.16
3913.00	8.50	179.000	3912.37	1.99N	6.55W	6.26	-1.97	902640.45	1869846.99
3945.00	10.40	180.200	3943.93	3.26S	6.52W	5.97	3.28	902640.48	1869841.74
3977.00	12.30	180.200	3975.31	9.56S	6.54W	5.94	9.58	902640.46	1869835.44
4009.00	15.20	179.900	4006.39	17.17S	6.55W	9.07	17.18	902640.45	1869827.83
4041.00	18.40	179.000	4037.02	26.41S	6.45W	10.03	26.43	902640.55	1869818.59
4073.00	21.20	178.600	4067.12	37.25S	6.22W	8.76	37.27	902640.78	1869807.75
4104.00	23.90	178.600	4095.75	49.13S	5.93W	8.71	49.15	902641.07	1869795.87
4136.00	26.60	178.800	4124.69	62.78S	5.62W	8.44	62.79	902641.38	1869782.23
4168.00	28.80	179.300	4153.02	77.65S	5.38W	6.91	77.66	902641.62	1869767.35
4200.00	30.20	179.400	4180.87	93.41S	5.20W	4.38	93.42	902641.80	1869751.60
4232.00	32.40	178.900	4208.21	110.03S	4.95W	6.92	110.04	902642.05	1869734.98
4264.00	34.90	178.100	4234.85	127.75S	4.48W	7.93	127.76	902642.52	1869717.26
4295.00	37.00	178.800	4259.94	145.94S	4.00W	6.90	145.95	902643.01	1869699.06
4327.00	39.40	179.500	4285.09	165.73S	3.70W	7.62	165.74	902643.30	1869679.28
4359.00	41.40	178.800	4309.45	186.46S	3.39W	6.41	186.47	902643.61	1869658.55
4390.00	43.90	178.500	4332.25	207.46S	2.90W	8.09	207.47	902644.10	1869637.55
4422.00	45.90	179.100	4354.92	230.04S	2.43W	6.39	230.05	902644.57	1869614.97
4454.00	47.60	179.700	4376.84	253.35S	2.19W	5.49	253.35	902644.81	1869591.67
4486.00	49.50	179.500	4398.03	277.33S	2.02W	5.96	277.34	902644.98	1869567.68
4517.00	50.10	180.000	4418.04	301.01S	1.91W	2.29	301.01	902645.09	1869544.01
4549.00	50.00	179.600	4438.58	4438.58	1.83W	1.01	325.54	902645.17	1869519.48
4581.00	49.70	179.400	4459.22	350.00S	1.62W	1.05	350.00	902645.38	1869495.02
4613.00	49.40	179.400	4479.98	374.35S	1.36W	0.94	374.35	902645.64	1869470.67
4644.00	49.00	179.800	4500.23	397.81S	1.20W	1.62	397.82	902645.80	1869447.21
4676.00	48.80	179.300	4521.27	421.93S	1.01W	1.33	421.93	902645.99	1869423.10
4708.00	51.20	179.100	4541.84	446.44S	0.66W	7.52	446.44	902646.34	1869398.59
4740.00	54.20	179.300	4561.23	471.89S	0.31W	9.39	471.88	902646.69	1869373.14
4771.00	56.90	179.800	4578.76	497.45S	0.11W	8.81	497.44	902646.89	1869347.58
4803.00	59.90	180.400	4595.53	524.70S	0.16W	9.51	524.70	902646.84	1869320.33
4835.00	62.50	180.800	4610.94	552.74S	0.46W	8.20	552.73	902646.54	1869292.30
4866.00	65.60	180.700	4624.51	580.60S	0.82W	10.00	580.60	902646.18	1869264.43
4898.00	69.00	180.100	4636.85	610.12S	1.02W	10.76	610.12	902645.98	1869234.91
4930.00	72.60	180.100	4647.38	640.33S	1.08W	11.25	640.34	902645.92	1869204.70
4962.00	76.20	180.600	4655.98	671.15S	1.27W	11.35	671.15	902645.73	1869173.89
4993.00	79.50	180.500	4662.50	701.45S	1.56W	10.65	701.45	902645.44	1869143.59
5025.00	82.30	180.500	4667.56	733.04S	1.83W	8.75	733.05	902645.17	1869112.00
5057.00	84.70	180.000	4671.19	764.83S	1.97W	7.66	764.84	902645.03	1869080.21
5089.00	88.20	179.600	4673.17	796.77S	1.86W	11.01	796.77	902645.14	1869048.28
5147.00	90.10	179.100	4674.03	854.76S	1.20W	3.39	854.76	902645.80	1868990.29
5179.00	90.30	178.700	4673.92	886.75S	0.59W	1.40	886.75	902646.41	1868958.30
5211.00	90.80	178.300	4673.61	918.74S	0.25E	2.00	918.73	902647.25	1868926.31
5243.00	91.40	178.500	4672.99	950.72S	1.14E	1.98	950.71	902648.14	1868894.33
5275.00	90.90	178.500	4672.35	982.70S	1.98E	1.56	982.69	902648.98	1868862.35
5306.00	91.20	178.900	4671.78	1013.69S	2.68E	1.61	1013.68	902649.68	1868831.37
5337.00	91.10	178.200	4671.16	1044.67S	3.47E	2.28	1044.66	902650.47	1868800.39
5368.00	89.80	178.700	4670.92	1075.66S	4.31E	4.49	1075.64	902651.31	1868769.40
5399.00	89.70	178.900	4671.05	1106.65S	4.96E	0.72	1106.63	902651.96	1868738.41
5430.00	89.90	178.600	4671.16	1137.64S	5.63E	1.16	1137.62	902652.63	1868707.42
5460.00	90.00	177.900	4671.19	1167.63S	6.55E	2.36	1167.61	902653.55	1868677.44
5491.00	90.10	177.400	4671.16	1198.60S	7.82E	1.64	1198.58	902654.42	1868646.46
5522.00	89.20	177.800	4671.35	1229.57S	9.12E	3.18	1229.55	902656.12	1868615.49
5553.00	89.00	179.200	4671.84	1260.56S	9.93E	4.56	1260.53	902656.93	1868584.51
5583.00	89.00	179.600	4672.36	1290.55S	10.24E	1.33	1290.52	902657.24	1868554.52
5614.00	89.30	180.500	4672.82	1321.55S	10.22E	3.06	1321.52	902657.22	1868523.52
5645.00	90.00	181.100	4673.01	1352.55S	9.78E	2.97	1352.51	902656.78	1868492.53
5676.00	90.40	181.300	4672.90	1383.54S	9.13E	1.44	1383.51	902656.13	1868461.54

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Goebel 1-35H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 180.150 degrees
 Bottom hole distance is 4567.86 Feet on azimuth 179.91 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 18-Jun-2012



Standard Wellpath Report
 Sandridge
 Sec 35 - 21S - 24W, Kansas
 Hodgeman County
 Wellbore: Goebel 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
5707.00	90.40	180.600	4672.69	1414.53S	8.62E	2.26	1414.51	902655.62	1868430.54
5737.00	90.80	180.400	4672.37	1444.53S	8.36E	1.49	1444.50	902655.36	1868400.55
5768.00	90.60	181.300	4671.99	1475.52S	7.90E	2.97	1475.50	902654.90	1868369.56
5799.00	91.00	180.900	4671.56	1506.52S	7.30E	1.82	1506.49	902654.30	1868338.57
5830.00	90.50	180.900	4671.15	1537.51S	6.82E	1.61	1537.49	902653.82	1868307.58
5860.00	90.60	181.100	4670.87	1567.50S	6.29E	0.75	1567.48	902653.29	1868277.58
5891.00	89.00	180.800	4670.97	1598.50S	5.78E	5.25	1598.48	902652.78	1868246.59
5922.00	89.10	181.200	4671.49	1629.49S	5.24E	1.33	1629.47	902652.24	1868215.60
5953.00	89.30	181.100	4671.92	1660.48S	4.62E	0.72	1660.46	902651.62	1868184.61
5984.00	89.50	180.600	4672.25	1691.47S	4.16E	1.74	1691.46	902651.16	1868153.62
6014.00	89.80	180.700	4672.43	1721.47S	3.82E	1.05	1721.46	902650.82	1868123.62
6045.00	89.00	180.800	4672.75	1752.47S	3.41E	2.60	1752.45	902650.41	1868092.63
6076.00	89.20	180.600	4673.24	1783.46S	3.03E	0.91	1783.45	902650.03	1868061.64
6107.00	89.70	180.900	4673.54	1814.46S	2.63E	1.88	1814.44	902649.63	1868030.64
6137.00	89.90	180.300	4673.64	1844.45S	2.31E	2.11	1844.44	902649.31	1868000.65
6168.00	90.20	180.100	4673.62	1875.45S	2.20E	1.16	1875.44	902649.20	1867969.65
6199.00	88.80	180.100	4673.89	1906.45S	2.15E	4.52	1906.44	902649.15	1867938.65
6230.00	88.70	180.000	4674.56	1937.44S	2.12E	0.46	1937.43	902649.12	1867907.66
6261.00	88.80	180.000	4675.24	1968.44S	2.12E	0.32	1968.42	902649.12	1867876.67
6291.00	89.10	179.800	4675.79	1998.43S	2.18E	1.20	1998.42	902649.17	1867846.68
6322.00	89.30	179.400	4676.22	2029.43S	2.39E	1.44	2029.41	902649.39	1867815.68
6353.00	89.30	178.700	4676.60	2060.42S	2.91E	2.26	2060.41	902649.91	1867784.69
6384.00	88.70	179.000	4677.14	2091.41S	3.53E	2.16	2091.39	902650.53	1867753.70
6414.00	88.90	180.100	4677.77	2121.40S	3.76E	3.73	2121.39	902650.76	1867723.71
6445.00	89.70	180.400	4678.15	2152.40S	3.63E	2.76	2152.38	902650.63	1867692.72
6476.00	90.10	180.900	4678.20	2183.40S	3.28E	2.07	2183.38	902650.28	1867661.72
6507.00	90.20	180.500	4678.12	2214.39S	2.90E	1.33	2214.38	902649.90	1867630.73
6537.00	90.50	180.800	4677.94	2244.39S	2.56E	1.41	2244.38	902649.56	1867600.73
6568.00	90.80	180.500	4677.59	2275.39S	2.21E	1.37	2275.37	902649.21	1867569.74
6599.00	89.50	180.300	4677.50	2306.39S	1.99E	4.24	2306.37	902648.99	1867538.74
6630.00	89.60	180.500	4677.75	2337.38S	1.77E	0.72	2337.37	902648.77	1867507.74
6661.00	89.30	180.000	4678.05	2368.38S	1.64E	1.88	2368.37	902648.64	1867476.75
6691.00	89.20	179.700	4678.44	2398.38S	1.72E	1.05	2398.37	902648.72	1867446.75
6722.00	89.50	179.600	4678.79	2429.38S	1.91E	1.02	2429.36	902648.91	1867415.76
6753.00	89.70	179.300	4679.01	2460.38S	2.20E	1.16	2460.36	902649.20	1867384.76
6784.00	89.80	179.000	4679.14	2491.37S	2.66E	1.02	2491.36	902649.66	1867353.77
6814.00	88.70	179.400	4679.53	2521.37S	3.08E	3.90	2521.35	902650.08	1867323.77
6845.00	88.80	179.000	4680.21	2552.36S	3.51E	1.33	2552.34	902650.51	1867292.79
6876.00	89.10	179.000	4680.78	2583.35S	4.06E	0.97	2583.33	902651.05	1867261.80
6907.00	89.60	179.700	4681.13	2614.34S	4.41E	2.77	2614.32	902651.41	1867230.80
6938.00	89.40	179.700	4681.40	2645.34S	4.57E	0.65	2645.32	902651.57	1867199.81
6968.00	89.10	180.400	4681.79	2675.34S	4.54E	2.54	2675.32	902651.54	1867169.81
6999.00	89.20	180.500	4682.25	2706.33S	4.30E	0.46	2706.31	902651.30	1867138.82
7030.00	88.90	181.300	4682.77	2737.32S	3.81E	2.76	2737.30	902650.81	1867107.83
7061.00	88.60	180.700	4683.44	2768.31S	3.27E	2.16	2768.29	902650.27	1867076.84
7091.00	88.30	181.300	4684.26	2798.30S	2.75E	2.24	2798.28	902649.75	1867046.86
7122.00	88.40	181.000	4685.15	2829.28S	2.13E	1.02	2829.26	902649.13	1867015.88
7153.00	88.70	180.500	4685.93	2860.26S	1.72E	1.88	2860.25	902648.72	1866984.89
7185.00	89.30	180.400	4686.49	2892.26S	1.47E	1.90	2892.24	902648.47	1866952.90
7217.00	89.20	179.900	4686.91	2924.25S	1.39E	1.59	2924.24	902648.39	1866920.91
7249.00	88.90	179.500	4687.44	2956.25S	1.55E	1.56	2956.24	902648.55	1866888.91
7281.00	89.30	179.600	4687.94	2988.24S	1.80E	1.29	2988.23	902648.80	1866856.92
7312.00	89.50	179.300	4688.27	3019.24S	2.10E	1.16	3019.23	902649.10	1866825.92
7344.00	89.10	179.800	4688.66	3051.24S	2.35E	2.00	3051.22	902649.35	1866793.93
7376.00	89.40	179.700	4689.08	3083.24S	2.49E	0.99	3083.22	902649.49	1866761.93
7408.00	89.20	180.200	4689.47	3115.23S	2.52E	1.68	3115.22	902649.52	1866729.94
7440.00	89.30	179.900	4689.89	3147.23S	2.49E	0.99	3147.21	902649.49	1866697.94
7472.00	89.10	180.200	4690.33	3179.23S	2.47E	1.13	3179.21	902649.46	1866665.95
7504.00	89.60	180.200	4690.70	3211.22S	2.35E	1.56	3211.21	902649.35	1866633.95
7536.00	89.80	179.300	4690.86	3243.22S	2.49E	2.88	3243.21	902649.49	1866601.95
7568.00	90.50	179.500	4690.78	3275.22S	2.83E	2.28	3275.20	902649.83	1866569.96
7600.00	90.10	180.300	4690.61	3307.22S	2.88E	2.80	3307.20	902649.88	1866537.96
7632.00	90.40	180.200	4690.47	3339.22S	2.74E	0.99	3339.20	902649.74	1866505.96
7663.00	89.20	180.100	4690.58	3370.22S	2.66E	3.88	3370.20	902649.66	1866474.97
7695.00	89.50	180.100	4690.94	3402.22S	2.61E	0.94	3402.20	902649.61	1866442.97
7727.00	90.00	180.100	4691.08	3434.22S	2.55E	1.56	3434.20	902649.55	1866410.97
7759.00	90.20	179.800	4691.03	3466.22S	2.58E	1.13	3466.20	902649.58	1866378.97
7791.00	89.30	180.100	4691.17	3498.22S	2.61E	2.96	3498.20	902649.61	1866346.98
7823.00	89.00	179.900	4691.64	3530.21S	2.61E	1.13	3530.19	902649.61	1866314.98
7855.00	89.10	180.400	4692.17	3562.21S	2.52E	1.59	3562.19	902649.52	1866282.99
7887.00	89.40	180.300	4692.59	3594.20S	2.33E	0.99	3594.19	902649.33	1866250.99

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 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Goebel 1-35H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 180.150 degrees
 Bottom hole distance is 4567.86 Feet on azimuth 179.91 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 18-Jun-2012



Standard Wellpath Report
 Sandridge
 Sec 35 - 21S - 24W, Kansas
 Hodgeman County
 Wellbore: Goebel 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
7919.00	89.20	180.300	4692.98	3626.20S	2.16E	0.62	3626.18	902649.16	1866219.00
7951.00	89.40	179.900	4693.37	3658.20S	2.10E	1.40	3658.18	902649.10	1866187.00
7983.00	89.30	179.900	4693.74	3690.20S	2.16E	0.31	3690.18	902649.16	1866155.01
8015.00	89.40	179.600	4694.10	3722.19S	2.30E	0.99	3722.18	902649.30	1866123.01
8047.00	89.70	179.900	4694.35	3754.19S	2.44E	1.33	3754.17	902649.44	1866091.01
8079.00	89.90	180.100	4694.46	3786.19S	2.44E	0.88	3786.17	902649.44	1866059.02
8110.00	90.00	180.400	4694.49	3817.19S	2.30E	1.02	3817.17	902649.30	1866028.02
8142.00	90.00	179.900	4694.49	3849.19S	2.22E	1.56	3849.17	902649.22	1865996.02
8174.00	90.10	180.200	4694.46	3881.19S	2.19E	0.99	3881.17	902649.19	1865964.02
8206.00	90.30	179.900	4694.35	3913.19S	2.16E	1.13	3913.17	902649.16	1865932.02
8238.00	90.40	179.800	4694.16	3945.19S	2.25E	0.44	3945.17	902649.25	1865900.03
8270.00	90.80	179.500	4693.82	3977.19S	2.44E	1.56	3977.17	902649.44	1865868.03
8302.00	90.30	179.300	4693.51	4009.18S	2.78E	1.68	4009.16	902649.78	1865836.04
8334.00	90.00	179.600	4693.43	4041.18S	3.09E	1.33	4041.16	902650.09	1865804.04
8366.00	90.00	179.600	4693.43	4073.18S	3.31E	==>	4073.16	902650.31	1865772.04
8398.00	89.90	179.300	4693.46	4105.18S	3.62E	0.99	4105.16	902650.62	1865740.04
8430.00	90.00	179.500	4693.49	4137.18S	3.95E	0.70	4137.15	902650.95	1865708.05
8462.00	90.20	179.000	4693.43	4169.18S	4.37E	1.68	4169.15	902651.37	1865676.05
8493.00	90.40	179.000	4693.27	4200.17S	4.91E	0.65	4200.14	902651.91	1865645.06
8525.00	91.10	179.500	4692.85	4232.17S	5.33E	2.69	4232.14	902652.33	1865613.07
8557.00	91.20	179.400	4692.21	4264.16S	5.64E	0.44	4264.13	902652.64	1865581.08
8589.00	91.20	179.100	4691.54	4296.15S	6.06E	0.94	4296.12	902653.06	1865549.09
8621.00	91.30	179.400	4690.84	4328.14S	6.48E	0.99	4328.11	902653.48	1865517.10
8653.00	91.70	179.300	4690.00	4360.12S	6.84E	1.29	4360.09	902653.84	1865485.12
8685.00	92.40	179.700	4688.86	4392.10S	7.12E	2.52	4392.07	902654.12	1865453.14
8717.00	92.90	180.000	4687.38	4424.07S	7.20E	1.82	4424.03	902654.20	1865421.18
8749.00	92.90	180.200	4685.76	4456.03S	7.15E	0.62	4455.99	902654.14	1865389.22
8781.00	93.10	180.200	4684.08	4487.98S	7.03E	0.63	4487.95	902654.03	1865357.26
8813.00	93.30	179.900	4682.30	4519.93S	7.01E	1.13	4519.90	902654.01	1865325.32
8861.00	93.30	179.900	4679.53	4567.85S	7.09E	==>	4567.82	902654.09	1865277.40

All data is in Feet unless otherwise stated
 Coordinates are from Slot MD's are from Slot and TVD's are from Slot (Goebel 1-35H 0.00ft above Mean Sea Level)
 Vertical Section is from 0.00N 0.00E on azimuth 180.150 degrees
 Bottom hole distance is 4567.86 Feet on azimuth 179.91 degrees from Wellhead
 Calculation method uses Minimum Curvature method
 Prepared by
 Date Printed: 18-Jun-2012



Standard Wellpath Report
Sandridge
Sec 35 - 21S - 24W, Kansas
Hodgeman County
Wellbore: Goebel 1-35H (Actual)

Comments

MD[ft]	TVD[ft]	North[ft]	East[ft]	Comment
8861.00	4679.53	4567.85S	7.09E	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 (Goebel 1-35H 0.00ft above Mean Sea Level)
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