

# Well Plan

Well Name	Vertical Section Azimuth	Units
Genesis #9-1-39	147.73	ft,°/100ft

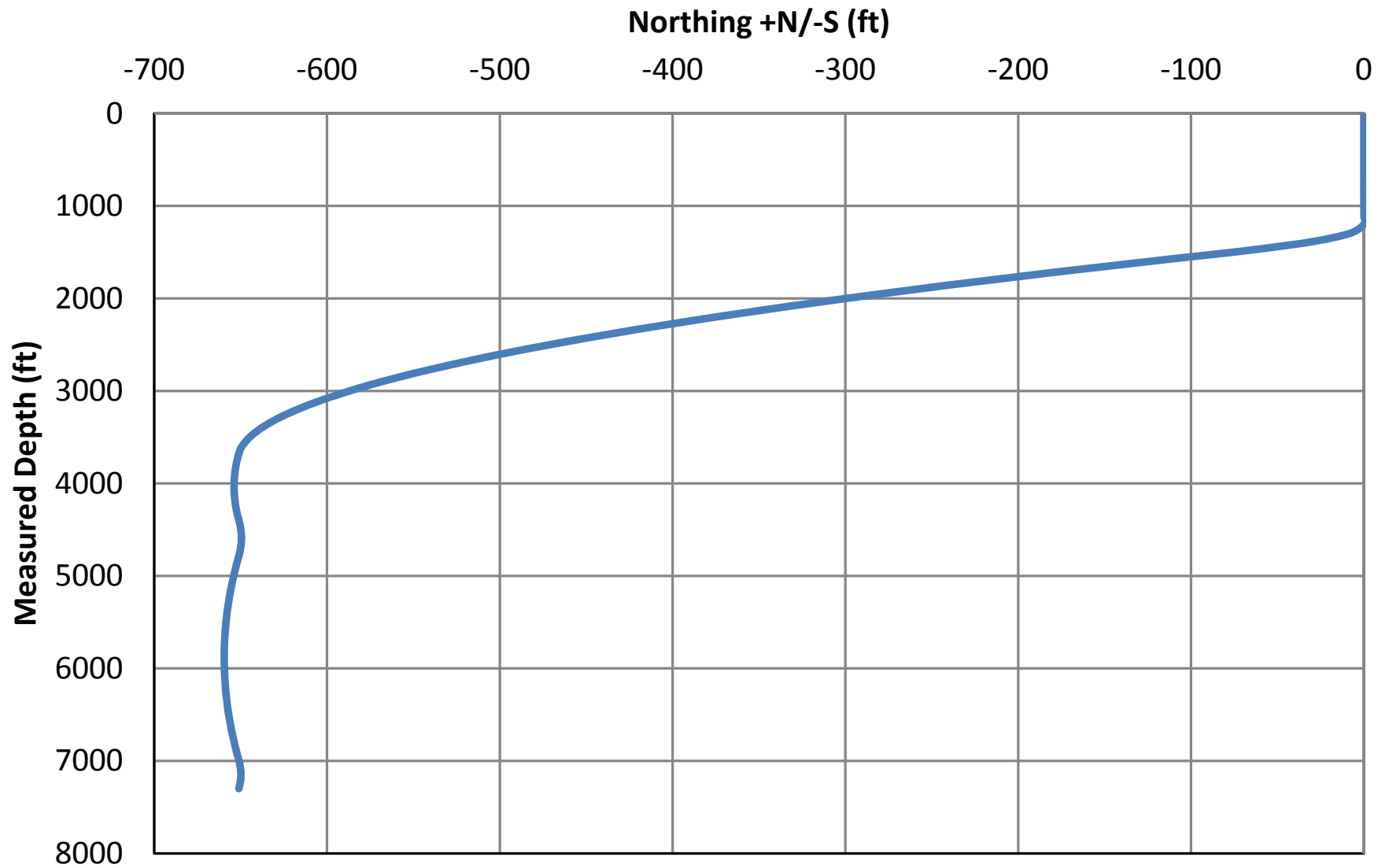
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MD*	INC*	AZI*	TVD*	N*	E*	DLS*	Vert. Sec.*	Description	Reference Note
0.00	0.00	0.0	0.00	0.00	0.00		0.00	tie point RKB	
100.00	0.00	0.0	100.00	0.00	0.00	0.00	0.00	vertical	
200.00	0.00	0.0	200.00	0.00	0.00	0.00	0.00	vertical	
300.00	0.00	0.0	300.00	0.00	0.00	0.00	0.00	vertical	
400.00	0.00	0.0	400.00	0.00	0.00	0.00	0.00	vertical	
500.00	0.00	0.0	500.00	0.00	0.00	0.00	0.00	vertical	
600.00	0.00	0.0	600.00	0.00	0.00	0.00	0.00	vertical	
700.00	0.00	0.0	700.00	0.00	0.00	0.00	0.00	vertical	
800.00	0.00	0.0	800.00	0.00	0.00	0.00	0.00	vertical	
900.00	0.00	0.0	900.00	0.00	0.00	0.00	0.00	vertical	
1000.00	0.00	0.0	1000.00	0.00	0.00	0.00	0.00	vertical	
1100.00	0.00	0.0	1100.00	0.00	0.00	0.00	0.00	vertical	
1200.00	0.00	0.0	1200.00	0.00	0.00	0.00	0.00	End vertical KOP	
1300.00	11.75	147.7	1299.30	-8.64	5.45	11.75	10.22	build	
1400.00	23.50	147.7	1394.44	-34.20	21.59	11.75	40.44	build	
1500.00	35.25	147.7	1481.43	-75.60	47.73	11.75	89.41	build	
1505.96	35.95	147.7	1486.27	-78.54	49.58	11.75	92.88	End build TOP OF BUILD	
1600.00	34.44	147.7	1563.12	-124.36	78.52	1.61	147.08	drop	
1700.00	32.82	147.7	1646.38	-171.19	108.08	1.61	202.46	drop	
1800.00	31.21	147.7	1731.17	-216.03	136.38	1.61	255.48	drop	
1900.00	29.60	147.7	1817.41	-258.82	163.41	1.61	306.09	drop	
2000.00	27.99	147.7	1905.04	-299.56	189.12	1.61	354.26	drop	
2100.00	26.38	147.7	1993.99	-338.19	213.51	1.61	399.95	drop	
2200.00	24.77	147.7	2084.18	-374.70	236.56	1.61	443.12	drop	
2300.00	23.16	147.7	2175.56	-409.04	258.24	1.61	483.74	drop	
2400.00	21.55	147.7	2268.04	-441.21	278.55	1.61	521.78	drop	
2500.00	19.94	147.7	2361.55	-471.16	297.46	1.61	557.20	drop	
2600.00	18.33	147.7	2456.03	-498.87	314.96	1.61	589.98	drop	
2700.00	16.72	147.7	2551.38	-524.33	331.03	1.61	620.09	drop	

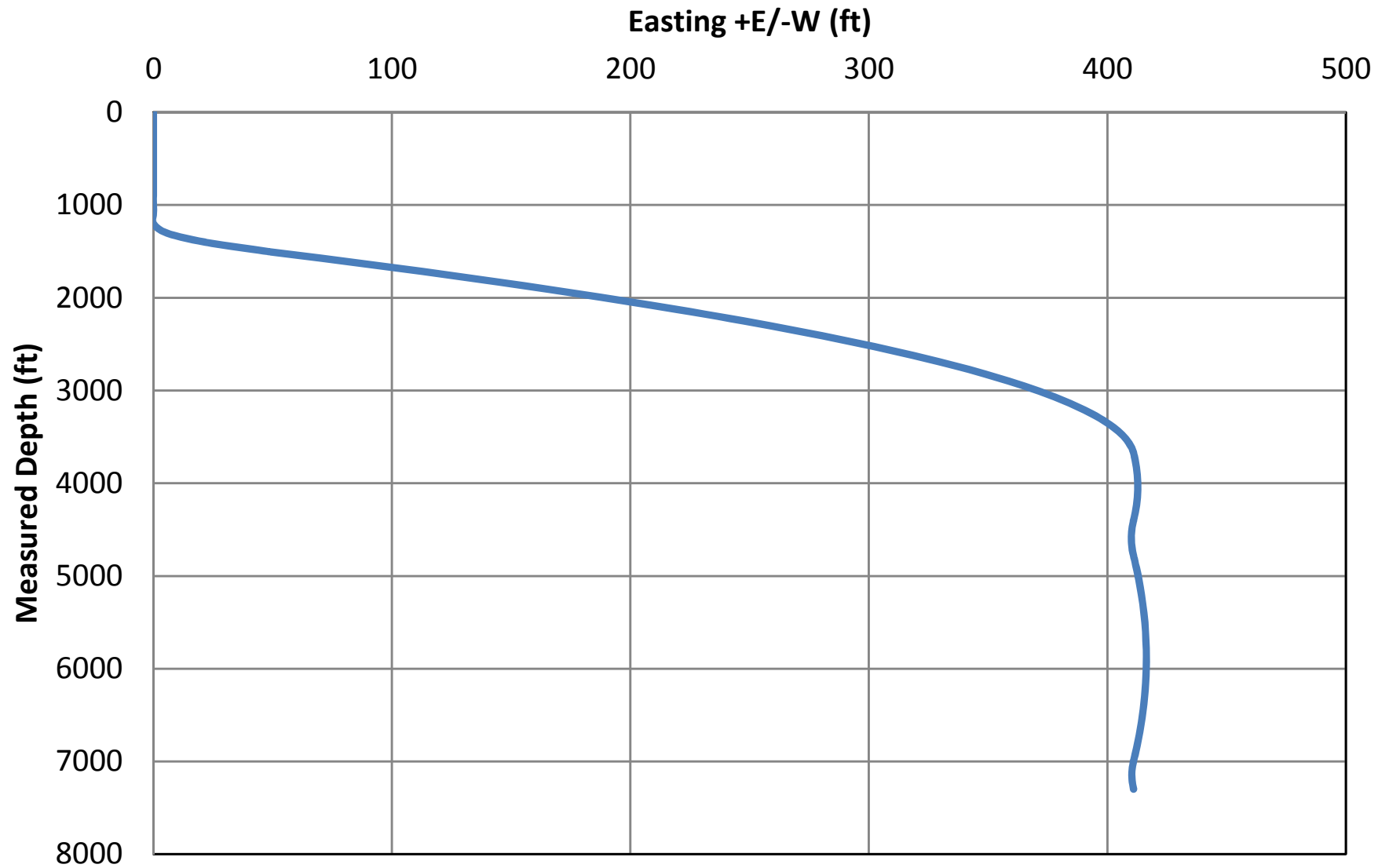
MD*	INC*	AZI*	TVD*	N*	E*	DLS*	Vert. Sec.*	Description	Reference Note
2800.00	15.11	147.7	2647.55	-547.52	345.67	1.61	647.50	drop	
2900.00	13.50	147.7	2744.44	-568.41	358.86	1.61	672.21	drop	
3000.00	11.89	147.7	2842.00	-586.99	370.59	1.61	694.18	drop	
3100.00	10.28	147.7	2940.13	-603.24	380.85	1.61	713.40	drop	
3200.00	8.67	147.7	3038.76	-617.15	389.63	1.61	729.86	drop	
3300.00	7.06	147.7	3137.82	-628.72	396.93	1.61	743.53	drop	
3400.00	5.45	147.7	3237.22	-637.92	402.75	1.61	754.42	drop	
3500.00	3.83	147.7	3336.89	-644.76	407.06	1.61	762.51	drop	
3600.00	2.22	147.7	3436.75	-649.23	409.88	1.61	767.79	drop	
3673.28	1.04	147.7	3510.00	-651.00	411.00	1.61	769.88	End drop	TOP OF DROP
3700.00	0.97	147.7	3536.71	-651.40	411.25	0.29	770.35	build/invert	
3800.00	0.68	147.7	3636.70	-652.61	412.02	0.29	771.79	build/invert	
3900.00	0.39	147.7	3736.70	-653.40	412.52	0.29	772.72	build/invert	
4000.00	0.10	147.7	3836.70	-653.76	412.75	0.29	773.15	build/invert	
4100.00	0.18	327.7	3936.69	-653.70	412.71	0.29	773.08	build/invert	
4200.00	0.47	327.7	4036.69	-653.22	412.40	0.29	772.51	build/invert	
4300.00	0.76	327.7	4136.69	-652.31	411.83	0.29	771.43	build/invert	
4398.33	1.04	327.7	4235.00	-651.00	411.00	0.29	769.88	End build/invert	TOP OF SUSSEX
4400.00	1.03	327.7	4236.67	-650.97	410.98	0.54	769.85	build/invert	
4500.00	0.49	327.7	4336.67	-649.85	410.27	0.54	768.52	build/invert	
4600.00	0.05	147.7	4436.66	-649.52	410.07	0.54	768.13	build/invert	
4700.00	0.59	147.7	4536.66	-649.99	410.36	0.54	768.69	build/invert	
4783.35	1.04	147.7	4620.00	-651.00	411.00	0.54	769.88	End build/invert	TOP OF SHANNON
4800.00	1.03	147.7	4636.65	-651.25	411.16	0.09	770.19	drop/invert	
4900.00	0.93	147.7	4736.64	-652.70	412.07	0.09	771.90	drop/invert	
5000.00	0.84	147.7	4836.62	-654.01	412.90	0.09	773.44	drop/invert	
5100.00	0.74	147.7	4936.61	-655.18	413.64	0.09	774.83	drop/invert	
5200.00	0.65	147.7	5036.61	-656.21	414.29	0.09	776.04	drop/invert	
5300.00	0.56	147.7	5136.60	-657.10	414.85	0.09	777.10	drop/invert	
5400.00	0.46	147.7	5236.60	-657.85	415.32	0.09	777.98	drop/invert	
5500.00	0.37	147.7	5336.60	-658.46	415.71	0.09	778.71	drop/invert	

MD*	INC*	AZI*	TVD*	N*	E*	DLS*	Vert. Sec.*	Description	Reference Note
5600.00	0.27	147.7	5436.59	-658.93	416.01	0.09	779.26	drop/invert	
5700.00	0.18	147.7	5536.59	-659.26	416.22	0.09	779.66	drop/invert	
5800.00	0.08	147.7	5636.59	-659.46	416.34	0.09	779.89	drop/invert	
5900.00	0.01	327.7	5736.59	-659.51	416.37	0.09	779.95	drop/invert	
6000.00	0.11	327.7	5836.59	-659.42	416.32	0.09	779.85	drop/invert	
6100.00	0.20	327.7	5936.59	-659.20	416.18	0.09	779.58	drop/invert	
6200.00	0.29	327.7	6036.59	-658.83	415.95	0.09	779.15	drop/invert	
6300.00	0.39	327.7	6136.59	-658.33	415.63	0.09	778.55	drop/invert	
6400.00	0.48	327.7	6236.59	-657.69	415.22	0.09	777.79	drop/invert	
6500.00	0.58	327.7	6336.58	-656.90	414.73	0.09	776.87	drop/invert	
6600.00	0.67	327.7	6436.58	-655.98	414.15	0.09	775.78	drop/invert	
6700.00	0.77	327.7	6536.57	-654.92	413.47	0.09	774.52	drop/invert	
6800.00	0.86	327.7	6636.56	-653.72	412.72	0.09	773.10	drop/invert	
6900.00	0.96	327.7	6736.55	-652.38	411.87	0.09	771.52	drop/invert	
6993.47	1.04	327.7	6830.00	-651.00	411.00	0.09	769.88	End drop/invert	TOP OF NIOBRARA
7000.00	1.00	327.7	6836.53	-650.90	410.94	0.68	769.77	build/invert	
7100.00	0.31	327.7	6936.52	-649.93	410.33	0.68	768.62	build/invert	
7200.00	0.37	147.7	7036.52	-649.97	410.35	0.68	768.67	build/invert	
7298.49	1.04	147.7	7135.00	-651.00	411.00	0.68	769.88	End build/invert	TOP OF CODELL

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