



Trias Westland B.V.

Naaldwijk

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NLW-GT-03s1

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Survey Report NEXT

23 August 2020

Well Seeker PRO

Operator Trias Westland B.V.	Local co-ord ref Well Centered
Field Naaldwijk	TVD Reference RKB
Facility Naaldwijk	North Reference GRID
Well NLW-GT-03	Survey Calc Method Minimum Curvature
Wellbore NLW-GT-03s1	

Well bore: NLW-GT-03s1	
Magnetic Model IGRF13.COF	Date 15/8/2020
Total Field (nT) 49203.754	Dip Angle (°) 67.066
Declination (°) 1.58	
VS Origin Well	VS Azimuth 215.22
VS Orgin NS 0.00 m	VS Origin EW 0.00 m

Targets: NLW-GT-03s1_16in Section						
Name	Geometry	TVD (m)	NS (m)	EW (m)	Grid NS	Grid EW
Target GT-03	CIRCLE	2307	-372.44	-261.16	444843	75908
Tgt Center 32.22m @ MD 2408.70, TVD 2318.90, NS -349.50, EW -241.90						
Actual Top Delft Sandstone	CIRCLE	2273	-372.44	-261.16	444843	75908
Tgt Center by 44.61m @ MD 2376.70, TVD 2289.00, NS -340.10, EW -234.90						

MD	Inc	Azi	TVD	TVD SS	NS	EW	VS	DLS	BR	TR	TF	CL	Map Northing	Map Easting	Comments
m	°	°	m	m	m	m	m	(°/30 m)	(°/30 m)	(°/30 m)	°	m	Meters	Meters	
1460.40	19.00	220.00	1456.86	1449.06	-32.88	-15.68	35.91	0.00	0.00	0.00	0.00	0.00	445182.56	76153.48	
1472.90	16.40	220.40	1468.77	1460.97	-35.78	-18.13	39.69	6.25	-6.24	0.96	177.51	12.50	445179.66	76151.03	
1485.70	15.30	222.40	1481.08	1473.28	-38.41	-20.44	43.17	2.88	-2.58	4.69	154.55	12.80	445177.03	76148.72	
1497.70	15.10	232.00	1492.66	1484.86	-40.54	-22.74	46.23	6.31	-0.50	24.00	99.17	12.00	445174.90	76146.42	
1511.30	15.90	234.20	1505.77	1497.97	-42.72	-25.65	49.69	2.19	1.76	4.85	37.38	13.60	445172.72	76143.51	
1524.10	17.10	235.40	1518.04	1510.24	-44.81	-28.62	53.12	2.92	2.81	2.81	16.43	12.80	445170.63	76140.54	
1536.60	18.50	235.00	1529.94	1522.14	-46.99	-31.76	56.71	3.37	3.36	-0.96	-5.18	12.50	445168.45	76137.40	
1549.50	19.80	232.90	1542.13	1534.33	-49.49	-35.18	60.71	3.42	3.02	-4.88	-28.91	12.90	445165.95	76133.98	
1562.00	20.90	232.00	1553.85	1546.05	-52.14	-38.62	64.87	2.74	2.64	-2.16	-16.30	12.50	445163.30	76130.54	
1575.20	21.90	230.50	1566.14	1558.34	-55.15	-42.38	69.49	2.59	2.27	-3.41	-29.39	13.20	445160.29	76126.78	
1588.20	22.40	227.20	1578.18	1570.38	-58.38	-46.07	74.26	3.09	1.15	-7.62	-69.64	13.00	445157.06	76123.09	
1601.00	23.00	224.40	1589.99	1582.19	-61.82	-49.60	79.11	2.90	1.41	-6.56	-62.25	12.80	445153.62	76119.56	
1614.00	23.80	222.80	1601.92	1594.12	-65.56	-53.16	84.22	2.36	1.85	-3.69	-39.20	13.00	445149.88	76116.00	
1626.60	24.60	221.10	1613.41	1605.61	-69.40	-56.62	89.35	2.53	1.90	-4.05	-41.84	12.60	445146.04	76112.54	
1639.60	25.40	219.10	1625.19	1617.39	-73.60	-60.15	94.82	2.69	1.85	-4.62	-47.48	13.00	445141.84	76109.01	
1652.30	25.80	217.80	1636.65	1628.85	-77.90	-63.56	100.30	1.63	0.94	-3.07	-55.13	12.70	445137.54	76105.60	
1665.10	26.00	217.60	1648.16	1640.36	-82.33	-66.98	105.89	0.51	0.47	-0.47	-23.69	12.80	445133.11	76102.18	
1678.40	26.10	217.50	1660.11	1652.31	-86.96	-70.54	111.72	0.25	0.23	-0.23	-23.75	13.30	445128.48	76098.62	
1690.90	26.30	217.80	1671.33	1663.53	-91.33	-73.91	117.24	0.58	0.48	0.72	33.65	12.50	445124.11	76095.25	
1703.70	26.30	217.50	1682.80	1675.00	-95.82	-77.38	122.90	0.31	0.00	-0.70	-90.13	12.80	445119.62	76091.78	
1716.50	26.60	217.70	1694.26	1686.46	-100.33	-80.86	128.60	0.73	0.70	0.47	16.63	12.80	445115.11	76088.30	
1729.30	26.70	217.50	1705.70	1697.90	-104.88	-84.36	134.33	0.31	0.23	-0.47	-41.98	12.80	445110.56	76084.80	
1742.20	27.40	215.60	1717.19	1709.39	-109.59	-87.85	140.20	2.59	1.63	-4.42	-51.84	12.90	445105.85	76081.31	
1755.10	28.10	212.70	1728.61	1720.81	-114.57	-91.22	146.20	3.54	1.63	-6.74	-63.89	12.90	445100.87	76077.94	
1767.80	28.60	211.30	1739.78	1731.98	-119.68	-94.42	152.22	1.96	1.18	-3.31	-53.67	12.70	445095.76	76074.74	
1780.70	28.10	210.80	1751.14	1743.34	-124.93	-97.58	158.33	1.29	-1.16	-1.16	-154.82	12.90	445090.51	76071.58	
1793.40	27.50	210.80	1762.37	1754.57	-130.01	-100.61	164.24	1.42	-1.42	0.00	180.00	12.70	445085.43	76068.55	
1806.40	26.80	211.70	1773.94	1766.14	-135.09	-103.69	170.16	1.87	-1.62	2.08	150.00	13.00	445080.35	76065.47	
1819.10	26.30	211.80	1785.30	1777.50	-139.91	-106.67	175.82	1.19	-1.18	0.24	174.94	12.70	445075.53	76062.49	
1831.40	26.30	211.60	1796.33	1788.53	-144.55	-109.54	181.26	0.22	0.00	-0.49	-90.09	12.30	445070.89	76059.62	
1844.60	26.50	212.10	1808.15	1800.35	-149.54	-112.63	187.12	0.68	0.45	1.14	48.25	13.20	445065.90	76056.53	
1857.40	26.80	211.80	1819.59	1811.79	-154.41	-115.67	192.85	0.77	0.70	-0.70	-24.29	12.80	445061.03	76053.49	
1870.30	27.00	211.70	1831.09	1823.29	-159.37	-118.74	198.68	0.48	0.47	-0.23	-12.79	12.90	445056.07	76050.42	
1883.10	27.30	211.70	1842.48	1834.68	-164.34	-121.81	204.51	0.70	0.70	0.00	0.00	12.80	445051.10	76047.35	
1895.90	27.60	212.40	1853.84	1846.04	-169.34	-124.94	210.40	1.03	0.70	1.64	47.40	12.80	445046.10	76044.22	
1908.70	27.70	212.20	1865.18	1857.38	-174.36	-128.12	216.33	0.32	0.23	-0.47	-42.95	12.80	445041.08	76041.04	
1921.50	27.40	211.80	1876.53	1868.73	-179.38	-131.26	222.24	0.83	-0.70	-0.94	-148.52	12.80	445036.06	76037.90	
1934.40	27.40	211.40	1887.98	1880.18	-184.44	-134.37	228.17	0.43	0.00	-0.93	-90.18	12.90	445031.00	76034.79	
1947.20	27.40	211.30	1899.35	1891.55	-189.47	-137.43	234.04	0.11	0.00	-0.23	-90.04	12.80	445025.97	76031.73	
1959.90	27.60	211.50	1910.61	1902.81	-194.47	-140.49	239.90	0.52	0.47	0.47	24.87	12.70	445020.97	76028.67	
1972.90	27.70	211.00	1922.13	1914.33	-199.63	-143.62	245.91	0.58	0.23	-1.15	-66.91	13.00	445015.81	76025.54	
1985.70	27.60	211.40	1933.46	1925.66	-204.71	-146.69	251.84	0.49	-0.23	0.94	118.49	12.80	445010.73	76022.47	
1998.30	27.50	211.70	1944.64	1936.84	-209.68	-149.74	257.66	0.41	-0.24	0.71	125.91	12.60	445005.76	76019.42	
2010.70	27.50	212.40	1955.63	1947.83	-214.53	-152.78	263.37	0.78	0.00	1.69	90.31	12.40	445000.91	76016.38	
2024.00	27.40	212.00	1967.44	1959.64	-219.72	-156.05	269.49	0.47	-0.23	-0.90	-118.65	13.30	444995.72	76013.11	
2036.90	27.40	212.20	1978.89	1971.09	-224.75	-159.20	275.42	0.21	0.00	0.47	90.09	12.90	444990.69	76009.96	
2049.80	27.30	212.10	1990.35	1982.55	-229.77	-162.36	281.34	0.26	-0.23	-0.23	-155.37	12.90	444985.67	76006.80	
2062.50	26.70	212.60	2001.66	1993.86	-234.64	-165.44	287.10	1.52	-1.42	1.18	159.50	12.70	444980.80	76003.72	
2074.90	26.30	212.20	2012.76	2004.96	-239.31	-168.41	292.62	1.06	-0.97	-0.97	-156.13	12.40	444976.13	76000.75	
2088.30	26.50	212.20	2024.76	2016.96	-244.35	-171.58	298.57	0.45	0.45	0.00	0.00	13.40	444971.09	75997.58	
2098.10	26.50	212.30	2033.53	2025.73	-248.05	-173.91	302.94	0.14	0.00	0.31	90.04	9.80	444967.39	75995.25	
2113.80	26.60	212.30	2047.58	2039.78	-253.98	-177.66	309.95	0.19	0.19	0.00	0.00	15.70	444961.46	75991.50	
2126.70	26.70	212.40	2059.11	2051.31	-258.87	-180.76	315.73	0.25	0.23	0.23	24.20	12.90	444956.57	75988.40	
2139.40	26.60	212.00	2070.46	2062.66	-263.69	-183.80	321.42	0.49	-0.24	-0.94	-119.31	12.70	444951.75	75985.36	
2152.40	25.90	212.40	2082.12	2074.32	-268.55	-186.86	327.16	1.67	-1.62	0.92	166.00	13.00	444946.89	75982.30	
2165.10	25.30	212.30	2093.57	2085.77	-273.19	-189.80	332.64	1.42	-1.42	-0.24	-175.93	12.70	444942.25	75979.36	
2178.10	24.40	212.60	2105.37	2097.57	-277.80	-192.73	338.10	2.10	-2.08	0.69	172.16	13.00	444937.64	75976.43	
2190.90	23.90	212.30	2117.05	2109.25	-282.22	-195.54	343.33	1.21	-1.17	-0.70	-166.34	12.80	444933.22	75973.62	
2203.70	23.80	213.10	2128.75	2120.95	-286.58	-198.33	348.50	0.79	-0.23	1.88	107.54	12.80	444928.86	75970.83	
2216.50	23.70	213.00	2140.47	2132.67	-290.90	-201.14	353.65	0.25	-0.23	-0.23	-158.11	12.80	444924.54	75968.02	
2229.30	23.50	213.00	2152.20	2144.40	-295.19	-203.93	358.77	0.47	-0.47	0.00	180.00	12.80	444920.25	75965.23	
2241.10	23.40	213.40	2163.02	2155.22	-299.12	-206.51	363.46	0.48	-0.25	1.02	122.32	11.80	444916.32	75962.65	
2254.70	23.10	213.70	2175.52	2167.72	-303.60	-209.47	368.83	0.71	-0.66	0.66	15				

2331.70	20.60	216.10	2247.01	2239.21	-327.23	-225.56	397.41	0.97	-0.95	0.48	170.03	12.60	444888.21	75943.60	
2344.60	20.70	215.60	2259.08	2251.28	-330.92	-228.23	401.96	0.47	0.23	-1.16	-60.68	12.90	444884.52	75940.93	
2357.40	20.70	216.00	2271.05	2263.25	-334.59	-230.87	406.49	0.33	0.00	0.94	90.19	12.80	444880.85	75938.29	
2359.47	20.73	216.00	2272.99	2265.19	-335.18	-231.30	407.22						444880.26	75937.86	Actual Top Delft Sandstone
2370.20	20.90	216.00	2283.02	2275.22	-338.26	-233.55	411.03	0.47	0.47	0.00	0.00	12.80	444877.18	75935.61	
2383.00	21.30	216.40	2294.96	2287.16	-341.98	-236.27	415.64	1.00	0.94	0.94	19.99	12.80	444873.46	75932.89	
2395.80	21.40	216.70	2306.88	2299.08	-345.73	-239.04	420.30	0.35	0.23	0.70	47.66	12.80	444869.71	75930.12	
2395.92	21.40	216.70	2306.99	2299.19	-345.76	-239.07	420.34						444869.68	75930.09	Target GT-03
2408.60	21.70	216.70	2318.79	2310.99	-349.50	-241.85	425.00	0.70	0.70	0.00	0.00	12.80	444865.94	75927.31	
2421.50	22.10	216.90	2330.76	2322.96	-353.35	-244.73	429.81	0.95	0.93	0.47	10.66	12.90	444862.09	75924.43	
2434.30	22.40	217.40	2342.60	2334.80	-357.21	-247.66	434.65	0.83	0.70	1.17	32.49	12.80	444858.23	75921.50	
2447.10	22.60	217.50	2354.43	2346.63	-361.10	-250.64	439.55	0.48	0.47	0.23	10.88	12.80	444854.34	75918.52	
2460.00	22.90	217.80	2366.32	2358.52	-365.05	-253.69	444.53	0.75	0.70	0.70	21.28	12.90	444850.39	75915.47	
2472.80	23.10	217.50	2378.11	2370.31	-369.01	-256.74	449.53	0.54	0.47	-0.70	-30.51	12.80	444846.43	75912.42	
2484.90	23.40	217.60	2389.22	2381.42	-372.80	-259.65	454.30	0.75	0.74	0.25	7.54	12.10	444842.64	75909.51	
2511.10	24.00	217.90	2413.21	2405.41	-381.12	-266.10	464.82	0.70	0.69	0.34	11.50	26.20	444834.32	75903.06	
2523.90	24.20	218.60	2424.90	2417.10	-385.23	-269.34	470.04	0.82	0.47	1.64	55.34	12.80	444830.21	75899.82	
2536.40	24.50	218.70	2436.29	2428.49	-389.25	-272.56	475.18	0.73	0.72	0.24	7.87	12.50	444826.19	75896.60	
2549.90	24.70	218.70	2448.56	2440.76	-393.64	-276.07	480.79	0.44	0.44	0.00	0.00	13.50	444821.80	75893.09	
2562.40	24.80	219.30	2459.91	2452.11	-397.71	-279.36	486.02	0.65	0.24	1.44	68.57	12.50	444817.73	75889.80	
2575.10	25.10	219.40	2471.43	2463.63	-401.85	-282.76	491.36	0.72	0.71	0.24	8.05	12.70	444813.59	75886.40	
2578.00	25.20	219.20	2474.05	2466.25	-402.80	-283.54	492.59	1.36	1.03	-2.07	-40.45	2.90	444812.64	75885.62	
2600.00	25.70	219.00	2493.92	2486.12	-410.14	-289.50	502.02	0.69	0.68	-0.27	-9.84	22.00	444805.30	75879.66	Projection