



End of Well Report - Drilling

ADK-GT-01

ADK-GT-01-S1



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Glossary

AH	Along Hole (depth)
GL	Ground Level
hrs	Hours
HSE	Health Safety & Environment
MW	Mud weight
NAP	Normaal Amsterdam Peil
RD	Rijksdriehoeksmeting
RT	Rotary Table
s.g.	Specific gravity
TD	Total Depth
TOC	Top of Cement
TOL	Top of Liner
TVD	True Vertical Depth
WEP	Well Engineering Partners

1 General Well Data

Table 1: Well Summary

License	Andijk	
Well Number	ADK-GT-01 ADK-GT-01-S1	
Well Name	Andijk-Geothermal-#1, -sidetrack#1	
Well Type	Geothermal – water injector	
Location Municipality	Hollands Kroon	
Wellbore Profile	Deviated (J shape)	
Well target	Upper Rotliegend Group, Slochteren formation	
Commence Rig up	23/10/2017 07:00 hrs	
Spud Date	18/11/2017 07:30 hrs	
End of Operations Date	30/12/2017 20:30 hrs	
Total Days Operational	42.54 days (68.56 including Rig up)	
Operator	ECW Geo Andijk B.V.	
Grid Coordinate System	RD Rijksdriehoeksmeet (RD)	
Surface Location	X: 141,923.43 Y: 526,448.44	
Wellsite Address	Nieuwe dijk 2, Andijk, 1619 PK	
Drilling Contractor	KCA Deutag Drilling GmbH	
Drilling Rig	T-700	
Depth Reference	Rotary Table elevation (RT), unless otherwise stated. RT is 9m above GL RT is 6.73m above NAP	
NAP Depth Reference	Ground level of surface location 2.27 m below NAP	
Personnel		
Project Manager (Manager Geothermie)	Bertran de Lange	23/10/2017 – 30/12/2017
Drilling Manager	Peter Jan Kwakernaak	23/10/2017 – 30/12/2017
Senior Drilling Engineer	Claudio Virgilio	23/10/2017 – 30/12/2017
Well Engineer	Yogeshwar Patil	23/10/2017 – 30/12/2017
HSE Manager	Arno Otten	23/10/2017 – 30/12/2017
Senior Wellsite Geologist	Julien Smeulders	23/10/2017 – 30/12/2017
Drilling Supervisor	Dirk van den Nieuwendijk	23/10/2017 – 24/10/2017 07/11/2017 – 21/11/2017 5/12/2017 – 19/12/2017
Drilling Supervisor	Gerrit Ham	24/10/2017 – 7/12/2017 21/11/2017 – 5/12/2017 19/12/2017 – 30/12/2017
Night Drilling Supervisor	Henry Quist	30/11/2017 – 14/12/2017 14/12/2017 – 28/12/2017 28/12/2017 – 30/12/2017
Wellsite Drilling Engineer	Thijs Boerrigter	16/11/2017 – 01/12/2017 16/12/2017 – 29/12/2017
Wellsite Drilling Engineer	Jurjen de Vries	02/12/2017 – 15/12/2017 30/12/2017

2 Borehole Section Details

2.1 Depths

- Depth reference: rotary table (RT)
- NAP to RT: 6.67m
- ADK-GT-01-S1 from: 2035 mAH
- Well TD: 2358 mAH, 2060mTVD

Figure 1, Figure 2 and Figure 3 show the well trajectory, well schematic of the original hole and well schematic of the sidetrack, respectively.

2.2 Casing

Table 2: ADK-GT-01-S1 Tubular Summary.

Item	Top (mAH / mTVD)	Bottom (mAH / mTVD)	Weight (lb/ft)	Grade	Connection
28" Conductor	0	100 / 100	195.6	X70	Welded
18 5/8" Surface Casing	0	510 / 510	87.5	K55	BTC
13 3/8" Production Casing	0	1331 / 1298	72	L80	Vam TOP
9 5/8" Liner	1217 / 1186	2111 / 1874	53.5	L80	Vam TOP
7" Liner (pre-perforated)	2060 / 1853	2358 / 2063	26	P110	VA Roughneck

No cement bond logs were run on this well, all TOC for 18 5/8" and 13 3/8" casing is based on visual observation. The 9 5/8" liner top of cement values is estimated based on the differential pressure at the end of the cementing operation.

Table 3: ADK-GT-01-S1 Cement Summary.

Item	TOC (mAH / mTVD)	Lead Slurry		Tail Slurry	
		Volume (m ³)	Weight (s.g.)	Volume (m ³)	Weight (s.g.)
18 5/8" Casing	Surface	79	1.57	43	1.67
13 3/8" Casing	Surface	80	1.57	19	1.67
9 5/8" Liner	1390 ¹ / 1326	30.3	1.57	13.6	1.9

¹ Calculated with 25 bar differential pressure.

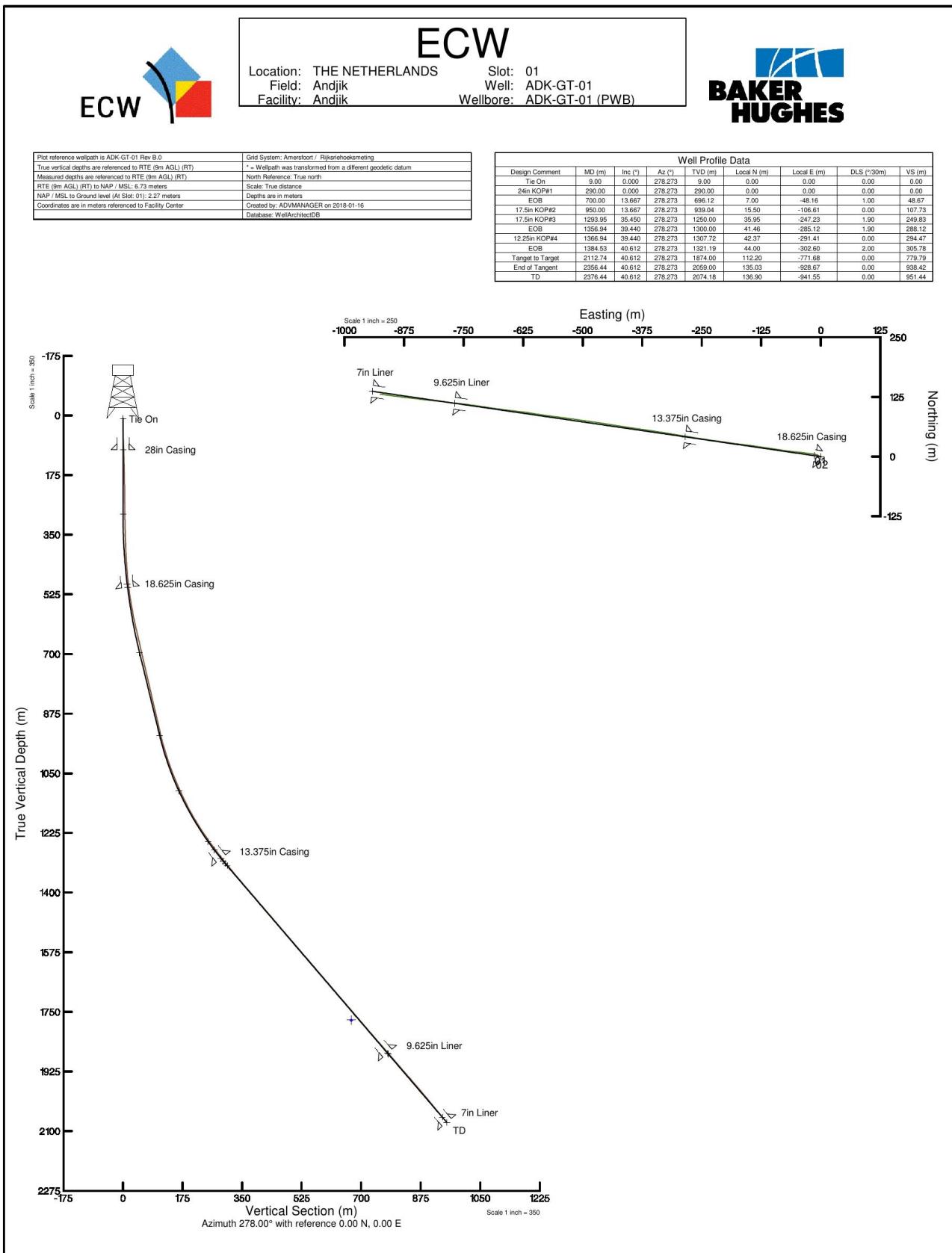


Figure 1: Wellpath planned vs drilled (Northing-Easting).

Rotary table to NAP = 6.73 m								
Item Description Injection well <u>All depths from RT</u>	ADK-GT-01 ≥13 5/8" 5000psi WH	Depth	Depth	Hole ID	Pipe OD	Collar OD	Pipe ID	Pipe ID
		m tvd	m ah	in	in	in (nom)	in	in (drift)
28" casing, X70, welded		99 100	99 100	driven	28.000 28.000	welded welded	26.250 25.230	26.063 25.043
Theoretical Tail cement top		339	339					
18 5/8" casing, 87.5#, K55, BTC		500	510	24.000	18.625	20.000	17.755	17.568
Theoretical tail cement top		1041	1055					
13 3/8" casing, 72#, L80, VAM Top		1186	1217	Top of liner				
		1298	1331	17.500	13.375	14.236	12.347	12.250
12 1/4" hole section TD. Top Slochteren (Reservoir)		1877 1877	2115 2115	12.250				

Figure 2: ADK-GT-01 (original) well schematic with open hole to top of reservoir.

Rotary table to NAP		6.73 m						
Item Description	ADK-GT-01 S1 ≥13 5/8" 5000psi WH	Depth	Depth	Hole ID	Pipe OD	Collar OD	Pipe ID	Pipe ID
		m tvd	m ah	in	in	in (nom)	in	in (drift)
28" casing, X70, welded		99 100	99 100	driven	28.000	welded	26.250	26.063
Theoretical top of tail cement				339	339			
18 5/8" casing, 87.5#, K55, BTC		500	510	24.000	18.625	20.000	17.755	17.568
Theoretical top of tail cement				1041	1055			
9 1/2" Liner Hanger/Packer + PBR		1186	1217	Top of liner				
13 3/8" casing, 72#, L80, VAM Top		1231 1298 1326	1270 1331 1390	17.500	13.375	14.236	12.347	12.250
Theoretical top of lead cement				1721	1912			
7" Liner with PBR		1853	2060	Top of liner				
9 5/8" liner, 53.5#, L80, VAM Top		1874	2111	12.250		9.625	10.520	8.535
Top Slochteren (Reservoir)		1878	2116					8.500
Base Slochteren (Reservoir)		2059	2356					
7" pre-perforated liner, 26#, P110, VA Roughneck		2063	2358	8.500		7.000	7.644	6.184
8 1/2" (TD)		2063	2358	8.500				6.059

Figure 3: ADK-GT-01-S1 well schematic.

3 Drilling Fluids

The drilling fluids used are summarized in the table below:

Table 4: ADK-GT-01-S1 Drilling Fluid Summary

Section	Type	Density (s.g.) Min – Max
24"	Pure Bore	1.02 – 1.06
17 1/2"	Pure Bore/Glycol/KCl	1.08 – 1.22
12 1/4"	Pure Bore/Glycol/KCl	1.23 – 1.27
12 1/4" S1	Pure Bore/Glycol/KCl	1.35
8 1/2"	Drill in Fluid	1.08

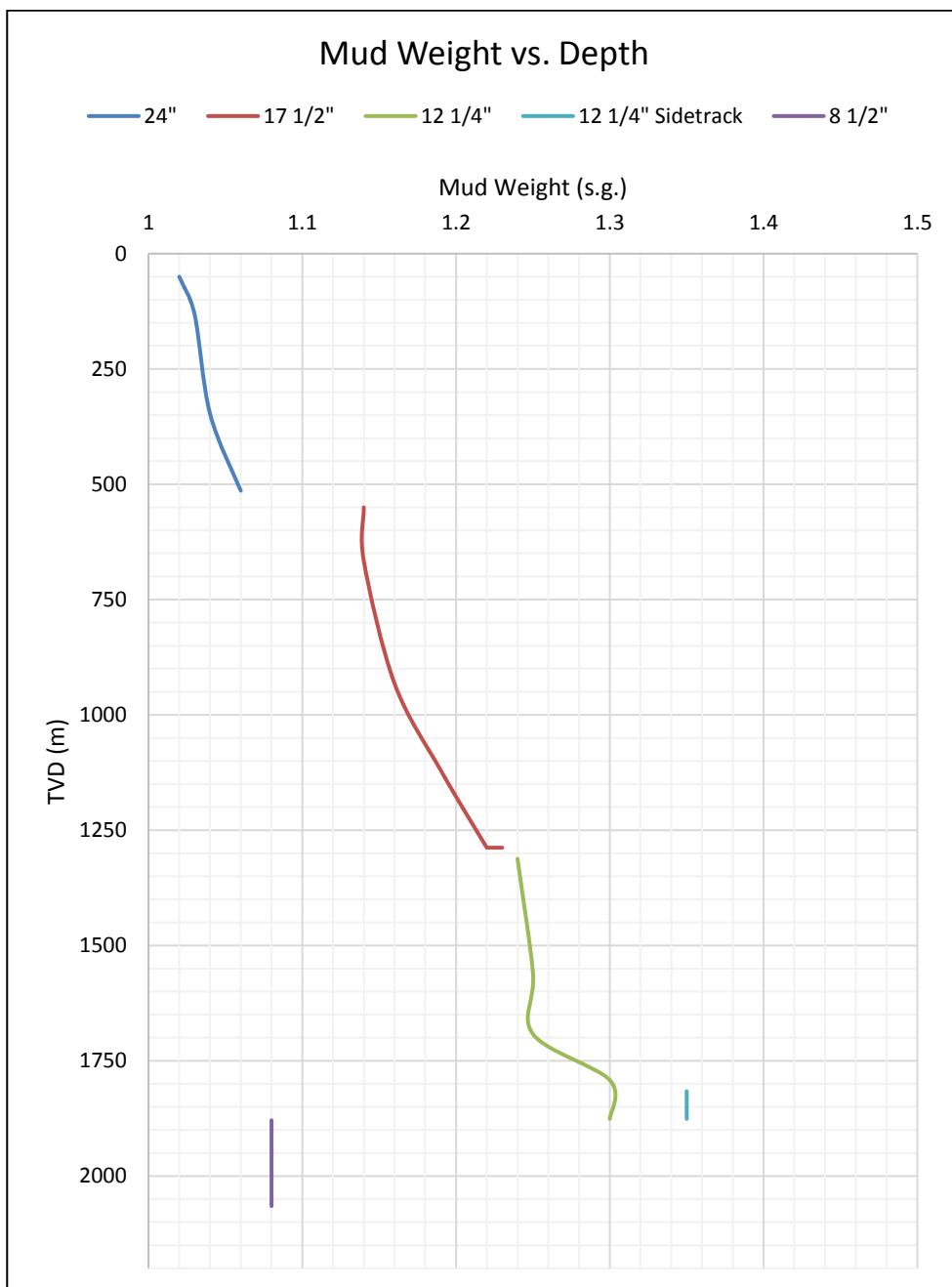


Figure 4: ADK-GT-01-S1 Mud weight vs Depth for each section.

4 Geological Data

Below are the lithostratigraphic columns with the actual lithology depths from surface to TD of ADK-GT-01 and ADK-GT-01-S1.

Lithostratigraphic Column ADK-GT-01							J.Smeulders	Expected		Actual		
Era	Group	Period	Formation	Epoch (Age)	Member	Lithology definition		TV -RT	AH -RT	TV -RT	AH -RT	
CENOZOICUM	Upper North Sea NU	QUATERNARY	"Diverse"	Holocene-Pleistocene		Diverse continental deposits, mostly fluvial sands and silts intercalated by some thin layers of grey or greenish-grey, silty clays.		9	9	9	9	
			Maassluis NUMS	Early Pleistocene		Deposits of coastal sands, very fine to medium coarse, calcareous, shell and wood bearing, mica rich. Silty to sandy, grey to dark grey clay containing shells and mica.		285	285	-	-	
			Oosterhout NUOT	Pliocene		Succession of sands, sandy clays, and grey and greenish clays. The lower part of the formation often consists of sands that are extremely rich in shells and bryozoans.		490	490	480	480	
			Breda NUBA	Miocene		Sequence of marine, glauconitic sands, sandy clays and clays. In places a glauconite-rich layer occurs at the base.		740	745	744,5	750	
			Rupel NMRF	Oligocene (Rupelian - Early Chattian)	Rupel Clay NMRCF	Clays that become more silty towards basis and top. It is rich in pyrite, contains hardly any glauconite and calcium carbonate tends to be concentrated in the septaria layers.		895	904	836	844	
	Middle North Sea NM	TERTIARY	Eocene -Oligocene (Priabonian - Rupelian)	Vessem NMRFV		Silty to clayey sands with a low glauconite content, flint pebbles or phosphorite nodules commonly occur at the base.		915	925	871	880	
			Dongen NLFF	Middle and Late Eocene (Lutetian to Bartonian)	Asse NLFFB	Dark greenish-grey and blue-grey, plastic clays. The unit locally shows indications of bioturbation, may be glauconitic and somewhat micaceous. Notably the upper part of the member is sandy.		920	930	878,5	887,5	
				Early to Middle Eocene (Ypresian to Lutetian)	Brussels Sand NLFFS	Succession of green-grey, glauconitic, very fine-grained sand with some hard, calcareous sandstone layers. Towards the base of the unit the clay content increases, and the CaCO ₃ content and amount of glauconite decreases.		960	971	909	919	
				Early Eocene (Ypresian)	Ieper NLFFI	A soft, tough and sticky to hardened and friable clay. The lower part is characterised by its brown-grey colour, tending to beige or red-brown locally. The upper two-thirds have a green-grey colour.		1025	1039	986	998,5	
					Basal Dongen Tuffite NLFFT	Tuffaceous clays, blue to violet-grey in colour, alternating with dark-grey and red-brown clays.		1205	1240	1172,5	1201,5	
	Lower North Sea NL		Landen NLLF	Late Paleocene (Thanetian)	Landen Clay NLLFC	Generally dark-green, hard, flaky clay, somewhat silty, containing glauconite, pyrite and mica. The basal part of the member can be marly and of a lighter colour.		1220	1257	1176	1206	
			Ommelanden CKGR	Upper Cretaceous (Turonian to Maastrichtian)		Succession of white, yellowish-white or light-grey, fine grained limestones, in places argillaceous. Layers of chert nodules can be very common over thick intervals. Along the basin edge coarse, bioclastic limestones and tongues of sandstone occur.		1250	1294	1237,5	1278 17 1/2" section TD at 1337m	
			Texel CKTX	(Cenomanian)	Plenus Marl CKTXP	Dark-grey, partly black, calcareous, laminated claystone. Its thickness generally does not exceed a couple of metres.		1433	1532	1450,5	1555	
					Texel Marlstone CKTXM	White to light-grey (locally pinkish) limestones, marls and marly chalks.		1435	1534	1454	1558	
			Holland KNGL	Lower Cretaceous (Late Albian) (Early Aptian)	Upper Holland Marl KNGLU	Light-grey and red-brown marls, characterised by a carbonate content which gradually increases towards the top. (<i>Belemnites</i>)		1557	1695	1547,5	1680,5	
					Middle Holland Claystone KNGLM	Dark grey calcareous claystone with a distinctly lower lime content than the under- and overlying members.		1741	1937	1729	1920	
					Lower Holland Marl KNGLL	Generally consists of grey and red-brown marl or calcareous, fissile claystone, frequently with intercalated bituminous claystone beds.		1779	1987	1759	1959	
	MESOZOICUM	CRETACEOUS	Vlieland KNNC	Vlieland Claystone (Valanginian to Barremian/Early Aptian)		Dark brownish-grey to grey claystone. Mica and very fine lignitic matter are common. Generally, the claystones are only very slightly calcareous. (<i>Belemnites+aragonite+calcite</i>)		1785	1995	1762,5	1963,5	
			Zechstein ZE	Thuringian	Z1 Anhydrite ZE1W	A massive anhydrite body which attains a huge thickness in the sub-basins. Dolomite stringers occur frequently within the unit.		1819	2040	1812,5	2030	
					Z1 Lower Claystone ZE1G	A grey to brown claystone or marl, in places dolomitic or anhydritic.		-	-	1871,5	2108	
					Coppershale ZE1K	A microlaminated, brownish-black bituminous shale with a thickness of 0,5 to 1 m.		1872	2110	1873,5	2111	
	Upper Rotliegend RO	Slochteren ROSL	Lower Permian (Saxonian)			Sequence of usually pink to pale red-brown, occasionally yellow or grey, sandstones with subordinate amounts of intercalated dark red, red-brown or green-grey silty claystones. Locally a conglomeratic base is present.		1874	2112	12 1/4" section TD @ 2114,8m		
						A succession of dark to light grey, red and variegated clay- and siltstones, fine to medium grained sandstones, and thick-bedded, coarse grained sandstones. Coal and lignite beds, dispersed lignitic matter, siderite spherulites and concretions are common.		2059	2356			
PALEOZOICUM	Limburg DC	CARBONIFEROUS	Ruurlo DCCR	Middle Carboniferous (Late Westphalian A - Early Westphalian B)								

Figure 5: Lithostratigraphic Column ADK-GT-01.

Lithostratigraphic Column ADK-GT-01-S1								J.Smeulders	Expected		Actual	
Era	Group	Period	Formation	Epoch (Age)	Member	Lithology definition		TV-RT	AH-RT	TV-RT	AH-RT	
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			Oosterhout NUOT	Pliocene		Succession of sands, sandy clays, and grey and greenish clays. The lower part of the formation often consists of sands that are extremely rich in shells and bryozoans.		490	490	480	480	
			Breda NUBA	Miocene		Sequence of marine, glauconitic sands, sandy clays and clays. In places a glauconite-rich layer occurs at the base.		740	745	743	750	
			Rupel NMRF	Oligocene (Rupelian - Early Chattian)	Rupel Clay NMRFC	Clays that become more silty towards basis and top. It is rich in pyrite, contains hardly any glauconite and calcium carbonate tends to be concentrated in the septaria layers.		895	904	834,5	844	
	Middle North Sea NM	TERTIARY	Eocene-Oligocene (Priabonian - Rupelian)	Vessem	NMRFV	Silty to clayey sands with a low glauconite content, flint pebbles or phosphorite nodules commonly occur at the base.		915	925	869,5	880	
				Dongen NLFF	Asse NLFFF	Dark greenish-grey and blue-grey, plastic clays. The unit locally shows indications of bioturbation, may be glauconitic and somewhat micaceous. Notably the upper part of the member is sandy.		920	930	877	887,5	
				Early to Middle Eocene (Ypresian to Lutetian)	Brussels Sand NLFFS	Succession of green-grey, glauconitic, very fine-grained sand with some hard, calcareous sandstone layers. Towards the base of the unit the clay content increases, and the CaCO3 content and amount of glauconite decreases.		960	971	907,5	919	
			Early Eocene (Ypresian)	Ieper NLFFI		A soft, tough and sticky to hardened and friable clay. The lower part is characterised by its brown-grey colour, tending to beige or red-brown locally. The upper two-thirds have a green-grey colour.		1025	1039	984,5	998,5	
					Basal Dongen Tuffite NLFFT	Tuffaceous clays, blue to violet-grey in colour, alternating with dark-grey and red-brown clays.		1205	1240	1170,5	1201,5	
	Lower North Sea NL	CRETACEOUS	Landen NLLF	Late Paleocene (Thanetian)	Landen Clay NLLFC	Generally dark-green, hard, flaky clay, somewhat silty, containing glauconite, pyrite and mica. The basal part of the member can be marly and of a lighter colour.		1220	1257	1174,5	1205,5	
			Ommelanden CKGR	Upper Cretaceous (Turonian to Maasrichtian)		Succession of white, yellowish-white or light-grey, fine grained limestones, in places argillaceous. Layers of chert nodules can be very common over thick intervals. Along the basin edge coarse, bioclastic limestones and tongues of sandstone occur.		1250	1294	1235,5	1278,5 13 3/8" section TD at 1331m	
			Texel CKTX	(Conomanian)	Plenus Marl CKTXP	Dark-grey, partly black, calcareous, laminated claystone, its thickness generally does not exceed a couple of metres.		1433	1532	1450	1555	
					Texel Marlstone CKTXM	White to light-grey (locally pinkish) limestones, marls and marly chalks.		1435	1534	1452,5	1558	
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	MESOZOICUM	PERMIAN		(Early Aptian)	Middle Holland Claystone KNGLM	Dark grey calcareous claystone with a distinctly lower lime content than the under- and overlying members.		1741	1937	1727	1919,5	
					Lower Holland Marl KNGLL	Generally consists of grey and red-brown marl or calcareous, fissile claystone, frequently with intercalated bituminous claystone beds.		1779	1987	1757,5	1959,5	
		Vlieland Claystone KNNC	(Valanginian to Barremian/Early Aptian)		Dark brownish-grey to grey claystone. Mica and very fine lignitic matter are common. Generally, the claystones are only very slightly calcareous. (<i>Belemnites</i> +aragonite/calcite)		1785	1995	1760,5	1963,5		
		Zechstein 1 (Werra) ZEZ1	Thuringian	Z1 Anhydrite ZEZ1W	A massive anhydrite body which attains a huge thickness in the sub-basins. Dolomite stringers occur frequently within the unit.		1819	2040	1811	2030		
				Z1 Lower Claystone ZEZ1G	A grey to brown claystone or marl, in places dolomitic or anhydritic.		-	-	1871,5	2108		
				Coppershale ZEZ1K	A microlaminated, brownish-black bituminous shale with a thickness of 0,5 to 1 m.		1872	2110	1873,5	2111 9 5/8" casing shoe @ 2111m		
PALEOZOICUM	Upper Rotliegend RO	Slochteren ROSL	Lower Permian (Saxonian)			Sequence of usually pink to pale red-brown, occasionally yellow or grey, sandstones with subordinate amounts of intercalated dark red, red-brown or green-grey silty claystones. Locally a conglomeratic base is present.		1874	2112	1877,5	2115,5	
	Limburg DC	Ruurlo DCCR	Middle Carboniferous (Late Westphalian A - Early Westphalian B)			A succession of dark to light grey, red and variegated clay- and siltstones, fine to medium grained sandstones, and thick-bedded, coarse grained sandstones. Coal and lignite beds, dispersed lignitic matter, siderite spherulites and concretions are common.		2059	2356	2051,5	2344	
RT-NAP: 6,73m; NAP-GL: 2,27m; RT-GL: 9m								TD (22-12-2017)	2074	2376	2062,5	2358

Figure 6: Lithostratigraphic Column ADK-GT-01-S1.

No faults were encountered while drilling this well. The Vlieland claystone seemed to be unstable with 1.30sg MW. After weighting up the mud to 1.35 s.g. less overpulls and less cavings were observed. Maximum gas peak was 1.5 % at 510 m AH, 500 m TVD (Oosterhout formation).

5 Well Completion and Status

The well is suspended with a BPV installed in the tubing hanger. A dummy penetrator is installed in the tubing hanger. The X-mas tree was installed and pressure tested to 25/270 bar for 5/10 minutes.

Cased hole wireline logs will be performed after demobilization of the drilling rig to determine baseline casing wall thickness and internal diameter. The Figure 7 below, shows the wellhead configuration that is installed upon completion of the well and prior to moving the rig:

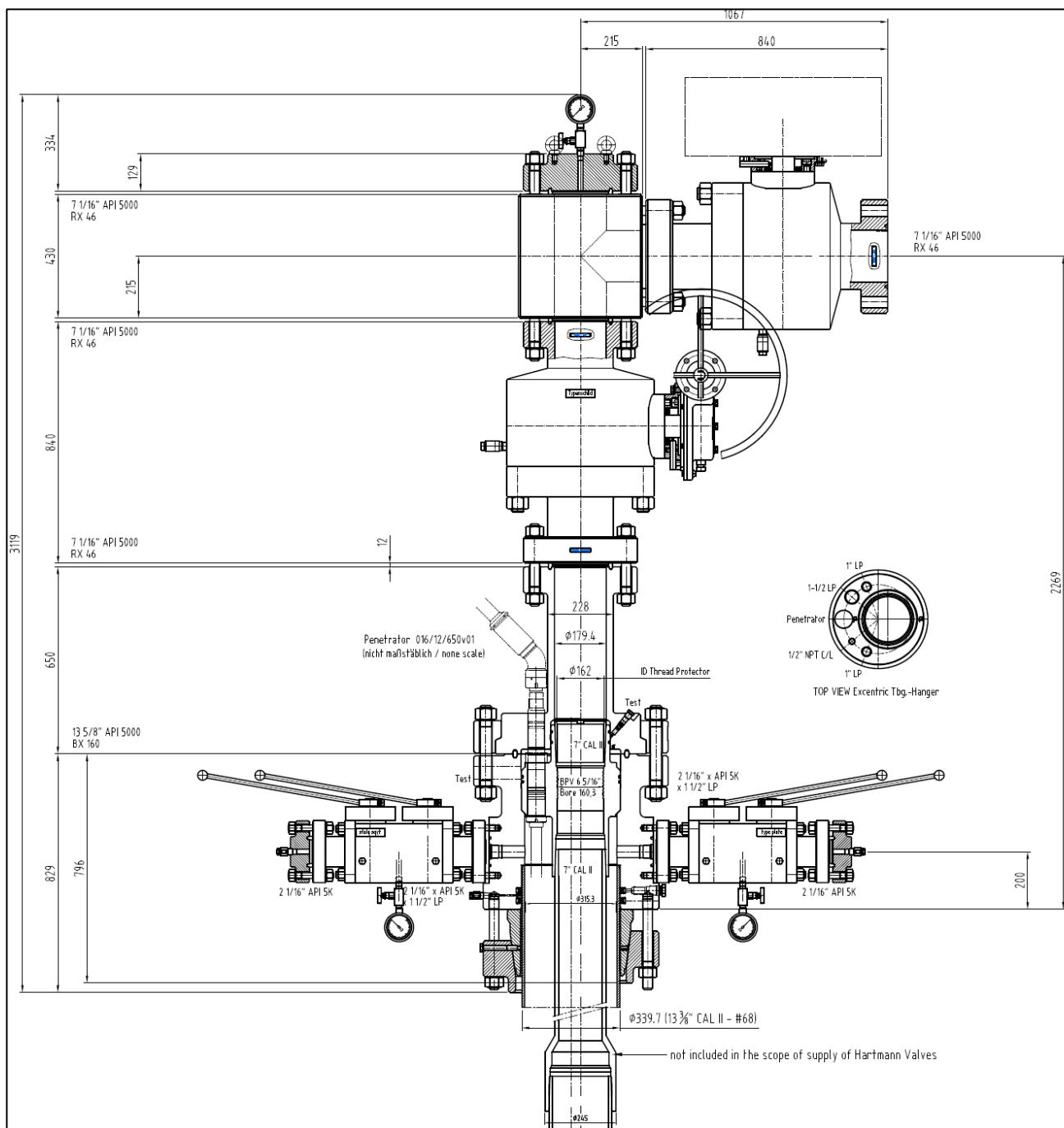


Figure 7: Wellhead schematic for well suspension.

6 Signature

Place: Middenmeer

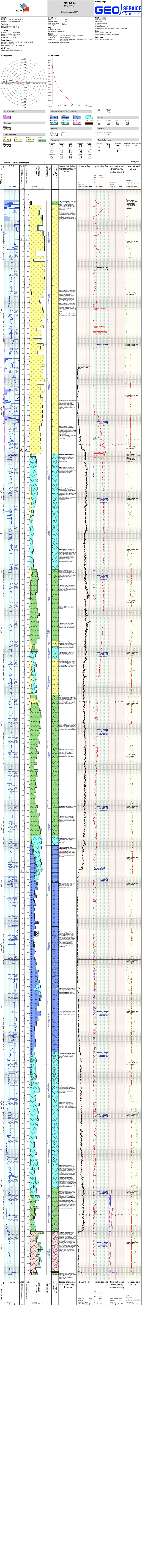
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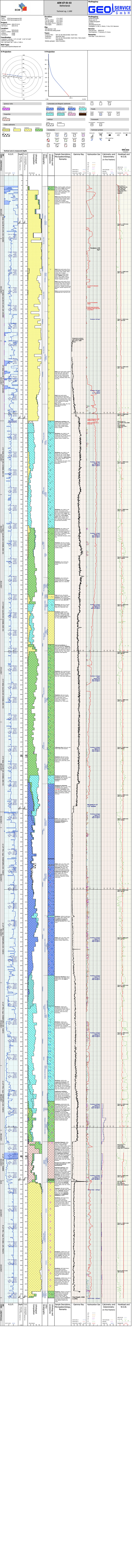


Signature: Bertran de Lange (Manager Geothermie)

7 Appendices

- Appendix I. a) Litholog ADK-GT-01
 b) Litholog ADK-GT-01-S1
- Appendix II. a) Survey Geodetic Report ADK-GT-01
 b) Survey Geodetic Report ADK-GT-01-S1
- Appendix III. Casing and Liner Tallies





Actual Wellpath Geographic Report - including Position Uncertainty

Report Generated	09/Dec/2017 at 20:39			Projection System			Amersfoort / Rijksriehoeksing												
Operator	ECW			North Reference			True												
Area	THE NETHERLANDS			Scale			0.999934												
Field	Andijk			Horizontal Reference Point			Facility Center												
Facility	Andijk			Vertical Reference Point			RTE (9m AGL) (RT)												
Slot	01			MD Reference Point			RTE (9m AGL) (RT)												
Well	ADK-GT-01			Field Vertical Reference			NAP / MSL												
Wellbore	ADK-GT-01 (AWB)			RTE (9m AGL) (RT) to Local Ground level			9.00 m												
Wellpath	ADK-GT-01 (AWP)			RTE (9m AGL) (RT) to NAP / MSL			6.73 m												
Wellbore Last Revised	11/19/2017			RTE (9m AGL) (RT) to Ground Level at Slot (01)			9.00 m												
Sidetrack from	(none)			Section Origin X			E 0.00 m												
User	ADVMANAGER			Section Origin Y			N 0.00 m												
Calculation method	Minimum curvature			Section Azimuth			278.00°												
Declination	Magnetic North is 1.35 degrees East of True North			Surface Position Uncertainty			Included												
Ellipse Confidence Limit	2.00 Std Dev			Ellipse Start MD			9.00 m												
		Local North	Local East	Grid East	Grid North	Latitude	Longitude	Horiz. Uncert 1sd	Vert. Uncert 1sd										
		[m]	[m]	[m]	[m]			[m]	[m]										
Slot Location		0,00	0,00	141923,43	526448,44	52°43'34.708"N	5°11'38.580"E	0,03	0,00										
Facility Reference Pt				141923,43	526448,44	52°43'34.708"N	5°11'38.580"E	1,00	0,00										
Field Reference Pt				141923,43	526448,44	52°43'34.708"N	5°11'38.580"E												
Start MD [m]	End MD [m]	Positional Uncertainty Model				Log Name / Comment													
9,00	493,19	BHI NaviTrak (Axial)				24" Holesection MWD Navigamma <122.83m - 493.19m>													
493,19	1320,17	BHI NaviTrak (SAG, Axial)				17 1/2" Holesection MWD Navigamma <528.01m - 1320.17m>													
1320,17	2094,32	BHI NaviTrak (SAG, Axial)				12 1/4" Holesection MWD Navigamma <1339.58m - xxxx>													
String / Diameter		Start MD [m]	End MD [m]	Interval [m]	Start TVD [m]	End TVD [m]	Start N/S [m]	Start E/W [m]	End N/S [m]	End E/W [m]	Wellbore								
Target Name	TVD [m]	North [m]	East [m]	Grid East [m]	Grid North [m]	Latitude	Longitude	Shape				Comment							
GT-01 target (23/10/17)_100mTVD_Shallower	1774,00	112,50	-661,68	141926,10	526562,70	52°43'38.346"N	5°11'03.317"E	rectangle											
GT-01 target (23/10/17)	1874,00	112,33	-721,68	141920,10	526562,70	52°43'38.340"N	5°11'00.119"E	rectangle											
MD [m]	Inclination [°]	Azimuth [°]	TVD [m]	TVDS	North [m]	East [m]	Grid East [m]	Grid North [m]	Latitude	Longitude	DLS ["30m"]	Toolface [°]	Build Rate ["30m"]	Turn Rate ["30m"]	Vert Sect [m]	Major Semi [m]	Minor Semi [m]	Minor Azim [°]	Comments
0,00	0,00	282,46	0,00	-6,73	0,00	0,00	141923,43	526448,44	52°43'34.708"N	5°11'38.580"E	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	
9,00	0,00	282,46	9,00	2,27	0,00	0,00	141923,43	526448,44	52°43'34.708"N	5°11'38.580"E	0,00	-77,54	0,00	0,00	0,00	2,00	2,00	0,00	
121,68	1,99	282,46	121,66	114,93	0,42	-1,91	141921,52	526448,87	52°43'34.721"N	5°11'38.478"E	0,53	163,27	0,53	-20,64	1,95	2,14	2,04	0,71	192,51
139,98	1,60	286,71	139,95	133,22	0,56	-2,47	141920,97	526449,01	52°43'34.726"N	5°11'38.448"E	0,68	131,07	-0,64	6,97	2,52	2,19	2,06	0,72	12,50
158,88	1,51	290,80	158,84	152,11	0,73	-2,95	141920,48	526449,18	52°43'34.731"N	5°11'38.423"E	0,23	144,61	-0,14	6,49	3,02	2,21	2,07	0,72	12,48
177,38	1,34	296,15	177,34	170,61	0,91	-3,37	141920,06	526449,36	52°43'34.737"N	5°11'38.400"E	0,35	-164,09	-0,28	8,68	3,47	2,22	2,09	0,73	12,48
196,46	0,99	290,28	196,41	189,68	1,07	-3,73	141919,71	526449,52	52°43'34.742"N	5°11'38.381"E	0,58	95,97	-0,55	-9,23	3,84	2,24	2,11	0,73	12,48
215,43	1,01	309,12	215,38	208,65	1,23	-4,01	141919,42	526449,68	52°43'34.747"N	5°11'38.366"E	0,52	-140,78	0,03	29,79	4,14	2,27	2,14	0,74	12,52
233,84	0,82	297,19	233,79	227,06	1,39	-4,25	141919,18	526449,84	52°43'34.753"N	5°11'38.353"E	0,44	-175,04	-0,31	-19,44	4,41	2,29	2,16	0,75	12,49
252,60	0,64	295,79	252,54	245,81	1,50	-4,47	141918,97	526449,95	52°43'34.756"N	5°11'38.342"E	0,29	159,91	-0,29	-2,24	4,63	2,31	2,19	0,76	12,53
271,78	0,55	299,26	271,72	264,99	1,59	-4,64	141918,79	526450,04	52°43'34.759"N	5°11'38.332"E	0,15	35,63	-0,14	5,43	4,82	2,34	2,21	0,76	12,54
290,10	0,93	314,74	290,04	283,31	1,74	-4,83	141918,61	526450,19	52°43'34.764"N	5°11'38.323"E	0,70	-17,39	0,62	25,35	5,02	2,37	2,24	0,77	12,56
308,47	0,96	314,18	308,41	301,68	1,95	-5,04	141918,39	526450,40	52°43'34.771"N	5°11'38.311"E	0,05	-57,62	0,05	-0,91	5,27	2,40	2,27	0,78	12,62
326,81	1,34	293,79	326,75	320,02	2,14	-5,35	141918,09	526450,60	52°43'34.777"N	5°11'38.295"E	0,90	-57,61	0,62	-33,35	5,60	2,43	2,31	0,79	12,56
345,62	1,42	289,01	345,55	338,82	2,31	-5,77	141917,67	526450,76	52°43'34.782"N	5°11'38.272"E	0,22	-9,12	0,13	-7,62	6,04	2,46	2,34	0,80	12,39
364,71	1,65	287,73	364,63	357,90	2,47	-6,26	141917,18	526450,92	52°43'34.787"N	5°11'38.246"E	0,37	-14,33	0,36	-2,01	6,54	2,49	2,38	0,81	12,39
382,83	2,11	284,56	382,74	376,01	2,63	-6,83	141916,61	526451,09	52°43'34.793"N	5°11'38.216"E	0,78	14,93	0,76	-5,25	7,13	2,53	2,41	0,82	12,39
401,37	2,49	286,88	401,27	394,54	2,83	-7,54	141915,89	526451,29	52°43'34.799"N	5°11'38.178"E	0,63	-18,63	0,61	3,75	7,86	2,56	2,45	0,84	12,38
420,54	3,32	282,11	420,41	413,68	3,07	-8,49	141914,95	526451,53	52°43'34.807"N	5°11'38.128"E	1,35	2,26	1,30	-7,46	8,83	2,60	2,49	0,85	192,38
440,03	4,19	282,58	439,86	433,13	3,34	-9,73	141913,71	526451,81	52°43'34.816"N	5°11'38.061"E	1,34	-15,41	1,34	0,72	10,10	2,64	2,54	0,86	12,21
459,24	4,99	280,06	459,01	452,28	3,64	-11,24	141912,20	526452,11	52°43'34.826"N	5°11'37.981"E	1,29	-14,36	1,25	-3,94	11,64	2,69	2,58	0,87	192,26
478,42	5,99	277,62	478,10	471,37	3,92	-13,05	141910,39	526452,40	52°43'34.835"N	5°11'37.884"E	1,61	-16,32	1,56	-3,82	13,47	2,73	2,63	0,89	192,09
493,19	6,73	275,78	492,78	486,05	4,11	-14,68	141908,76	526452,59	52°43'34.841"N	5°11'37.798"E	1,56	6,83	1,50	-3,74	15,11	2,77	2,67	0,90	191,99
528,01	7,97	276,85	527,31	520,58	4,60	-19,10	141904,34	526453,10	52°43'34.857"N	5°11'37.562"E	1,07	4,68	1,07	0,92	19,56	2,81	2,72	0,92	191,92
541,87	8,98	277,38	541,02	534,29	4,86	-21,13	141902,31	526453,35	52°43'34.865"N	5°11'37.454"E	2,19	1,37	2,19	1,15	21,60	2,82	2,73	0,93	192,13
560,51	10,00	277,52	559,41	552,68	5,26	-24,18	141899,27	526453,76	52°43'34.878"N	5°11'37.291"E	1,64	0,85	1,64	0,23	24,68	2,82	2,75	0,95	192,45
579,35	10,62	277,57	577,94	571,21	5,70	-27,52	141895,93	526454,21	52°43'34.892"N	5°11'37.113"E	0,99	3,63	0,99	0,08	28,05	2,83	2,77	0,96	193,04
597,96	11,40	277,82	596,21	589,48	6,18	-31,04	141892,41	526454,70	52°43'34.907"N	5°11'36.925"E	1,26	4,27	1,26	0,40	31,60	2,84	2,79	0,98	194,36
616,80	12,47	278,19	614,64	607,91	6,72	-34,90	141888,55	526455,25	52°43'34.925"N	5°11'36.720"E	1,71	-29,76	1,70	0,59	35,50	2,85	2,82	0,99	197,98
635,90	13,08	276,66	633,27	626,54	7,26	-39,09	141884,36	526455,81	52°43'34.943"N	5°11'36.497"E	1,10	-60,69	0,96	-2,40	39,72	2,86	2,85	1,01	219,49
654,16	13,16	276,04	651,05	644,32	7,72	-43,21	141880,25	526456,28	52°43'34.957"N	5°11'36.277"E	0,27	-172,07	0,13	-1,02	43,86	2,90	2,87	1,03	266,54
673,11	12,81	275,82	669,52	662,79	8,16	-47,44	141876,01	526456,73	52°43'34.972"N	5°11'36.051"E	0,56	1,97	-0,55	-0,35	48,12	2,94	2,88	1,04	272,60
691,70	13,14	275,87	687,63	680															

710,50	13,03	276,15	705,95	699,22	9,03	-55,83	141867,63	526457,62	52°43'35.000"N 5°11'35.605"E	0,20	-165,58	-0,18	0,45	56,54	3,04	2,92	1,08	274,99
729,31	12,84	275,93	724,28	717,55	9,48	-60,02	141863,44	526458,08	52°43'35.014"N 5°11'35.381"E	0,31	-28,12	-0,30	-0,35	60,75	3,09	2,93	1,10	275,41
747,84	13,13	275,25	742,34	735,61	9,88	-64,16	141859,30	526458,49	52°43'35.027"N 5°11'35.161"E	0,53	56,72	0,47	-1,10	64,91	3,15	2,95	1,12	275,61
766,32	13,33	276,55	760,32	753,59	10,32	-68,37	141855,10	526458,94	52°43'35.041"N 5°11'34.936"E	0,58	163,08	0,32	2,11	69,14	3,21	2,97	1,14	275,76
785,00	13,07	276,90	778,51	771,78	10,82	-72,60	141850,86	526459,45	52°43'35.058"N 5°11'34.711"E	0,44	104,17	-0,42	0,56	73,40	3,27	2,99	1,17	275,90
803,61	12,95	279,20	796,64	789,91	11,40	-76,75	141846,72	526460,05	52°43'35.077"N 5°11'34.490"E	0,86	59,60	-0,19	3,71	77,59	3,34	3,02	1,19	276,11
822,28	13,06	280,02	814,83	808,10	12,10	-80,89	141842,58	526460,76	52°43'35.099"N 5°11'34.269"E	0,35	-61,84	0,18	1,32	81,79	3,41	3,04	1,21	276,38
840,89	13,12	279,53	832,96	826,23	12,82	-85,05	141838,42	526461,49	52°43'35.122"N 5°11'34.048"E	0,20	-86,50	0,10	-0,79	86,00	3,48	3,06	1,23	276,61
859,70	13,13	278,87	851,28	844,55	13,50	-89,26	141834,21	526462,18	52°43'35.144"N 5°11'33.823"E	0,24	-49,13	0,02	-1,05	90,27	3,55	3,09	1,25	276,78
879,22	13,27	278,17	870,28	863,55	14,16	-93,67	141829,80	526462,85	52°43'35.166"N 5°11'33.588"E	0,33	-173,14	0,22	-1,08	94,73	3,63	3,12	1,28	276,89
897,92	12,99	278,02	888,50	881,77	14,76	-97,88	141825,60	526463,46	52°43'35.185"N 5°11'33.364"E	0,45	126,60	-0,45	-0,24	98,98	3,71	3,15	1,30	276,96
916,92	12,98	278,08	907,01	900,28	15,36	-102,10	141821,38	526464,07	52°43'35.204"N 5°11'33.139"E	0,03	-34,24	-0,02	0,09	103,25	3,79	3,18	1,33	277,00
935,29	13,09	277,75	924,91	918,18	15,93	-106,21	141817,27	526464,65	52°43'35.223"N 5°11'32.920"E	0,22	2,32	0,18	-0,54	107,39	3,87	3,21	1,35	277,03
953,96	13,86	277,88	943,06	936,33	16,52	-110,52	141812,96	526465,25	52°43'35.242"N 5°11'32.690"E	1,24	5,70	1,24	0,21	111,74	3,96	3,24	1,38	277,05
973,00	15,03	278,33	961,50	954,77	17,19	-115,22	141808,27	526465,94	52°43'35.264"N 5°11'32.440"E	1,85	2,48	1,84	0,71	116,49	4,05	3,28	1,40	277,08
991,46	16,40	278,54	979,27	972,54	17,92	-120,16	141803,32	526466,68	52°43'35.288"N 5°11'32.176"E	2,23	6,40	2,23	0,34	121,49	4,15	3,32	1,42	277,11
1010,23	17,79	279,05	997,21	990,48	18,77	-125,62	141797,87	526467,54	52°43'35.315"N 5°11'31.885"E	2,23	-2,54	2,22	0,82	127,01	4,26	3,35	1,45	277,17
1028,78	18,73	278,92	1014,83	1008,10	19,68	-131,36	141792,13	526468,47	52°43'35.344"N 5°11'31.579"E	1,52	-12,36	1,52	-0,21	132,82	4,37	3,39	1,48	277,23
1047,57	19,88	278,18	1032,56	1025,83	20,60	-137,50	141785,99	526469,41	52°43'35.374"N 5°11'31.252"E	1,88	-12,10	1,84	-1,18	139,03	4,49	3,43	1,50	277,29
1066,26	21,27	277,36	1050,06	1043,33	21,49	-144,01	141779,49	526470,31	52°43'35.403"N 5°11'30.905"E	2,28	-3,75	2,23	-1,32	145,60	4,62	3,47	1,53	277,32
1084,95	22,62	277,13	1067,39	1060,66	22,37	-150,94	141772,56	526471,21	52°43'35.431"N 5°11'30.536"E	2,17	-1,77	2,17	-0,37	152,58	4,76	3,51	1,56	277,33
1094,81	23,00	277,10	1076,48	1069,75	22,84	-154,73	141768,77	526471,69	52°43'35.446"N 5°11'30.334"E	1,16	5,12	1,16	-0,09	156,40	4,84	3,54	1,57	277,32
1113,27	24,19	277,36	1093,40	1086,67	23,77	-162,06	141761,44	526472,64	52°43'35.477"N 5°11'29.943"E	1,94	1,41	1,93	0,42	163,79	4,99	3,57	1,60	277,29
1131,89	25,05	277,41	1110,32	1103,59	24,77	-169,75	141753,76	526473,66	52°43'35.509"N 5°11'29.533"E	1,39	24,40	1,39	0,08	171,55	5,15	3,62	1,63	277,28
1141,27	25,41	277,79	1118,81	1112,08	25,30	-173,72	141749,79	526474,20	52°43'35.526"N 5°11'29.322"E	1,26	3,18	1,15	1,22	175,55	5,23	3,64	1,65	277,27
1160,49	26,37	277,91	1136,10	1129,37	26,44	-182,03	141741,48	526475,37	52°43'35.563"N 5°11'28.879"E	1,50	2,09	1,50	0,19	183,94	5,41	3,68	1,68	277,28
1178,95	27,64	278,01	1152,55	1145,82	27,60	-190,33	141733,19	526476,55	52°43'35.601"N 5°11'28.437"E	2,07	0,00	2,06	0,16	192,32	5,59	3,72	1,71	277,30
1197,78	29,11	278,01	1169,11	1162,38	28,85	-199,19	141724,33	526477,82	52°43'35.641"N 5°11'27.964"E	2,34	-1,05	2,34	0,00	201,27	5,78	3,76	1,74	277,32
1216,09	30,78	277,95	1184,98	1178,25	30,12	-208,24	141715,28	526479,11	52°43'35.682"N 5°11'27.482"E	2,74	-7,86	2,74	-0,10	210,41	5,98	3,81	1,77	277,34
1234,56	31,97	277,64	1200,75	1194,02	31,42	-217,77	141705,76	526480,44	52°43'35.724"N 5°11'26.974"E	1,95	1,69	1,93	-0,50	220,02	6,19	3,85	1,81	277,35
1253,08	33,27	277,71	1216,35	1209,62	32,76	-227,66	141695,87	526481,80	52°43'35.767"N 5°11'26.447"E	2,11	17,11	2,11	0,11	230,01	6,41	3,89	1,84	277,35
1272,08	34,24	278,24	1232,14	1225,41	34,22	-238,12	141685,42	526483,30	52°43'35.815"N 5°11'25.890"E	1,60	18,49	1,53	0,84	240,56	6,65	3,94	1,88	277,37
1290,70	35,26	278,83	1247,44	1240,71	35,80	-248,61	141674,93	526484,90	52°43'35.866"N 5°11'25.331"E	1,73	1,56	1,64	0,95	251,18	6,89	3,98	1,91	277,40
1310,05	36,80	278,90	1263,09	1256,36	37,55	-259,86	141663,69	526486,68	52°43'35.922"N 5°11'24.731"E	2,39	0,00	2,39	0,11	262,56	7,15	4,02	1,95	277,46
1320,17	37,34	278,90	1271,16	1264,43	38,49	-265,89	141657,67	526487,64	52°43'35.953"N 5°11'24.410"E	1,60	125,36	1,60	0,00	268,66	7,29	4,05	1,97	277,49
1339,58	37,11	279,44	1286,62	1279,89	40,37	-277,48	141646,08	526489,55	52°43'36.013"N 5°11'23.792"E	0,62	-0,72	-0,36	0,83	280,40	7,54	4,19	1,85	277,52
1358,38	38,09	279,42	1301,52	1294,79	42,24	-288,79	141634,77	526491,46	52°43'36.074"N 5°11'23.189"E	1,56	-5,69	1,56	-0,03	291,86	7,74	4,19	1,87	277,61
1377,07	38,91	279,29	1316,14	1309,41	44,14	-300,27	141623,30	526493,38	52°43'36.135"N 5°11'22.578"E	1,32	3,47	1,32	-0,21	303,49	7,96	4,20	1,89	277,70
1395,72	39,54	279,35	1330,59	1323,86	46,05	-311,91	141611,66	526495,32	52°43'36.197"N 5°11'21.957"E	1,02	-17,84	1,01	0,10	315,28	8,19	4,21	1,91	277,78
1414,35	40,04	279,10	1344,90	1338,17	47,96	-323,68	141599,90	526497,26	52°43'36.259"N 5°11'21.330"E	0,85	-20,81	0,81	-0,40	327,20	8,43	4,22	1,94	277,86
1433,28	40,45	278,86	1359,35	1352,62	49,87	-335,76	141587,83	526499,20	52°43'36.321"N 5°11'20.686"E	0,69	-70,14	0,65	-0,38	339,43	8,68	4,23	1,96	277,92
1452,25	40,49	278,69	1373,79	1367,06	51,74	-347,93	141575,66	526501,11	52°43'36.381"N 5°11'20.038"E	0,19	-86,84	0,06	-0,27	351,74	8,93	4,24	1,99	277,97
1470,94	40,50	278,42	1388,00	1381,27	53,55	-359,93	141563,67	526502,95	52°43'36.440"N 5°11'19.398"E	0,28	-60,15	0,02	-0,43	363,88	9,19	4,25	2,01	278,00
1489,80	40,62	278,10	1402,33	1395,60	55,31	-372,07	141551,54	526504,74	52°43'36.497"N 5°11'18.752"E	0,38	101,29	0,19	-0,51	376,14	9,46	4,26	2,04	278,02
1508,46	40,57	278,49	1416,50	1409,77	57,06	-384,08	141539,53	526506,53	52°43'36.553"N 5°11'18.111"E	0,42	-65,33	-0,08	0,63	388,29	9,73	4,27	2,07	278,04
1527,56	40,63	278,29	1431,00	1424,27	58,88	-396,38	141527,24	526508,37	52°43'36.612"N 5°11'17.456"E	0,23	116,58	0,09	-0,31	400,72	10,01	4,28	2,10	278,06
1546,16	40,52	278,63	1445,13	1438,40	60,66	-408,35	141515,28	526510,19	52°43'36.670"N 5°11'16.818"E	0,40	75,69	-0,18	0,55	412,81	10,28	4,30	2,13	278,08
1564,89	40,55	278,81	1459,36	1452,63	62,50	-420,38	141503,25	526512,06	52°43'36.729"N 5°11'16.177"E	0,19	62,							

Actual Wellpath Geographic Report - including Position Uncertainty

Report Generated	22/Jan/2018 at 16:32	Projection System	Amersfoort / Rijksriehoeksing																
Operator	ECW	North Reference	True																
Area	THE NETHERLANDS	Scale	0.999934																
Field	Andijk	Horizontal Reference Point	Facility Center																
Facility	Andijk	Vertical Reference Point	RTE (9m AGL) (RT)																
Slot	01	MD Reference Point	RTE (9m AGL) (RT)																
Well	ADK-GT-01	Field Vertical Reference	NAP / MSL																
Wellbore	ADK-GT-01-S1 (AWB)	RTE (9m AGL) (RT) to Local Ground level	9.00 m																
Wellpath	ADK-GT-01-S1_AWP	RTE (9m AGL) (RT) to NAP / MSL	6.73 m																
Wellbore Last Revised	12/16/2017	RTE (9m AGL) (RT) to Ground Level at Slot (01)	9.00 m																
Sidetrack from	ADK-GT-01 (AWP) at 2035.00 MD	Section Origin X	E 0.00 m																
User	ADVMANAGER	Section Origin Y	N 0.00 m																
Calculation method	Minimum curvature	Section Azimuth	278.03°																
Declination	Magnetic North is 1.35 degrees East of True North	Surface Position Uncertainty	included																
Ellipse Confidence Limit	2.00 Std Dev	Ellipse Start MD	9.00 m																
	Local North [m]	Local East [m]	Grid East [m]	Grid North [m]	Latitude	Longitude	Horiz. Uncert 1sd [m]	Vert. Uncert 1sd [m]											
Slot Location	0.00	0.00	141923.43	526448.44	52°43'34.708"N	5°11'38.580"E	0.03	0.00											
Facility Reference Pt			141923.43	526448.44	52°43'34.708"N	5°11'38.580"E	1.00	0.00											
Field Reference Pt			141923.43	526448.44	52°43'34.708"N	5°11'38.580"E													
Start MD [m]	End MD [m]	Positional Uncertainty Model		Log Name / Comment	Wellbore														
9.00	481.38	Gyrodata relative depth - Drop gyro or Multi-shot		GyroData Gyro Multishot in 17 ½"HS (32.32m - 481.38m)	ADK-GT-01 (AWB)														
481.38	1320.17	BHI NaviTrak (SAG, Axial)		9 ½"AutoTrak eXpress (w/Gamma) in 17 ½"HS (528.01m - 1320.17m)	ADK-GT-01 (AWB)														
1320.17	2035.00	BHI NaviTrak (SAG, Axial)		9 ½"AutoTrak eXpress (w/Gamma) in 12 ¼"HS (1339.58m - 2094.32m)	ADK-GT-01 (AWB)														
2035.00	2105.02	Gyrodata standard - Drop gyro or Multi-shot		8.5in Drop Gyro <490.71-2105.02m>	ADK-GT-01-S1 (AWB)														
2105.02	2346.92	BHI NaviTrak (SAG, Axial)		8.5in Navigamma <2117.84m-2346.92m>	ADK-GT-01-S1 (AWB)														
String / Diameter	Start MD [m]	End MD [m]	Interval [m]	Start TVD [m]	End TVD [m]	Start N/S [m]	Start E/W [m]	End N/S [m]	End E/W [m]	Wellbore									
Target Name	TVD [m]	North [m]	East [m]	Grid East [m]	Grid North [m]	Latitude	Longitude	Shape		Comment									
GT-01 target (23/10/17)_100mTVD_Shallower	1774.00	112.50	-661.68	141262.10	526562.70	52°43'38.346"N	5°11'03.317"E	rectangle											
GT-01 target (23/10/17)	1874.00	112.33	-721.68	141202.10	526562.70	52°43'38.340"N	5°11'00.119"E	rectangle											
MD [m]	Inclination [°]	Azimuth [°]	TVD [m]	TVDOSS [m]	North [m]	East [m]	Grid East [m]	Grid North [m]	Latitude	Longitude	DLS ['/30m]	Toolface [°]	Build Rate ['/30m]	Turn Rate ['/30m]	Vert. Sect [m]	Major Semi [m]	Minor Semi [m]	Minor Azim [°]	Comments
0.00	0.00	280.90	0.00	-6.73	0.00	0.00	141923.43	526448.44	52°43'34.708"N	5°11'38.580"E	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
9.00	0.00	280.90	9.00	2.27	0.00	0.00	141923.43	526448.44	52°43'34.708"N	5°11'38.580"E	0.00	-79.10	0.00	0.00	0.00	2.00	2.00	0.00	
32.32	0.82	280.90	32.32	25.59	0.03	-0.16	141923.27	526448.47	52°43'34.709"N	5°11'38.571"E	1.05	0.24	1.05	-101.76	0.17	2.00	2.00	0.70	
50.32	1.24	280.98	50.32	43.59	0.09	-0.48	141922.95	526448.53	52°43'34.711"N	5°11'38.554"E	0.70	3.53	0.70	0.13	0.49	2.00	2.00	0.70	
68.32	1.71	281.95	68.31	61.58	0.19	-0.94	141922.50	526448.63	52°43'34.714"N	5°11'38.530"E	0.78	12.94	0.78	1.62	0.95	2.00	2.00	0.70	
86.29	2.07	284.23	86.27	79.54	0.32	-1.51	141921.92	526448.77	52°43'34.718"N	5°11'38.499"E	0.61	69.01	0.60	3.81	1.54	2.00	2.00	0.70	
104.60	2.12	287.51	104.57	97.84	0.50	-2.16	141921.28	526448.95	52°43'34.724"N	5°11'38.465"E	0.21	146.72	0.08	5.37	2.21	2.00	2.00	0.70	
122.90	1.77	295.32	122.86	116.13	0.73	-2.73	141920.70	526449.17	52°43'34.731"N	5°11'38.434"E	0.72	153.07	-0.57	12.80	2.81	2.00	2.00	0.70	
142.53	1.54	299.76	142.48	135.75	0.99	-3.24	141920.20	526449.44	52°43'34.740"N	5°11'38.407"E	0.40	153.66	-0.35	6.79	3.34	2.00	2.00	0.70	
161.11	1.36	303.58	161.05	154.32	1.23	-3.64	141919.80	526449.68	52°43'34.748"N	5°11'38.386"E	0.33	166.07	-0.29	6.17	3.77	2.00	2.00	0.70	
179.79	1.14	306.34	179.73	173.00	1.47	-3.97	141919.46	526449.92	52°43'34.755"N	5°11'38.368"E	0.37	164.98	-0.35	4.43	4.14	2.01	2.00	0.71	
198.27	0.95	309.44	198.21	191.48	1.67	-4.24	141919.20	526450.12	52°43'34.762"N	5°11'38.354"E	0.32	144.74	-0.31	5.03	4.43	2.01	2.00	0.71	
217.71	0.89	312.22	217.64	210.91	1.88	-4.47	141918.96	526450.33	52°43'34.768"N	5°11'38.341"E	0.12	168.38	-0.09	4.29	4.69	2.01	2.01	0.71	
236.49	0.67	308.32	236.42	229.69	2.04	-4.67	141918.77	526450.49	52°43'34.774"N	5°11'38.331"E	0.36	74.11	-0.35	-6.23	4.91	2.01	2.01	0.71	
255.27	0.72	318.92	255.20	248.47	2.20	-4.83	141918.60	526450.65	52°43'34.779"N	5°11'38.322"E	0.22	-108.48	0.08	16.93	5.09	2.01	2.01	0.71	
274.01	0.69	308.68	273.94	267.21	2.36	-5.00	141918.44	526450.81	52°43'34.784"N	5°11'38.313"E	0.21	-3.64	-0.05	-16.39	5.28	2.01	2.01	0.71	
292.79	1.00	307.55	292.72	285.99	2.53	-5.22	141918.22	526450.98	52°43'34.789"N	5°11'38.302"E	0.50	-24.03	0.50	-1.81	5.52	2.01	2.01	0.71	
311.60	1.02	307.05	311.52	304.79	2.73	-5.48	141917.96	526451.18	52°43'34.796"N	5°11'38.288"E	0.03	-34.81	0.03	-0.80	5.81	2.01	2.01	0.72	
330.35	1.41	296.63	330.27	323.54	2.93	-5.82	141917.62	526451.39	52°43'34.803"N	5°11'38.270"E	0.71	-35.57	0.62	-16.67	6.17	2.01	2.01	0.72	
349.11	1.54	293.24	349.02	342.29	3.14	-6.26	141917.18	526451.59	52°43'34.809"N	5°11'38.246"E	0.25	-31.31	0.21	-5.42	6.63	2.01	2.01	0.72	
367.84	1.98	285.77	367.74	361.01	3.32	-6.80	141916.64	526451.78	52°43'34.815"N	5°11'38.217"E	0.79	17.61	0.70	-11.96	7.20	2.01	2.01	0.72	
386.58	2.26	288.01	386.47	379.74	3.53	-7.46	141915.98	526451.99	52°43'34.822"N	5°11'38.182"E	0.47	-4.67	0.45	3.59	7.88	2.01	2.01	0.72	
405.32	2.82	287.08	405.19	398.46	3.78	-8.25	141915.19	526452.24	52°43'34.830"N	5°11'38.140"E	0.90	-7.48	0.90	-1.49	8.70	2.01	2.01	0.73	
424.06	3.50	285.62	423.90	417.17	4.07	-9.25	141914.20	526452.53	52°43'34.839"N	5°11'38.087"E	1.10	-10.09	1.09	-2.34	9.72	2.01	2.01	0.73	
442.86	3.86	284.67	442.67	435.94	4.38	-10.41	141913.03	526452.85	52°43'34.849"N	5°11'38.025"E	0.58	-8.31	0.57	-1.52	10.92	2.02	2.01	0.73	
461.62	4.98	282.79	461.37	454.64	4.72	-11.82	141911.63	526453.19	52°43'34.860"N	5°11'37.950"E	1.81	-20.13	1.79	-3.01	12.36	2.02	2.01	0.73	
481.38	6.28	278.49	481.03	474.30	5.07	-13.72	141909.72	526453.55	52°43'34.872"N	5°11'37.849"E	2.07	-7.68	1.97	-6.53	14.30	2.02	2.01	0.74	
528.01	7.97	276.85	527.30	520.57	5.83	-19.45	141903.99	526454.32	52°43'34.896"N	5°11'37.543"E	1.10	4.68	1.09	-1.06	20.08	2.04	2.02	0.92	
541.87	8.98	277.38	541.01	534.28	6.09	-21.48	141901.97	526454.58	52°43'34.905"N	5°11'37.435"E	2.19	1.37	2.19	1.15	22.12	2.05	2.02	0.93	
560.51	10.00	277.52	559.40	552.67	6.48	-24.53	141898.92	526454.99	52°43'34.917"N	5°11'37.273"E	1.64	0.85	1.64	0.23	25.19	2.06	2.03	0.94	
579.35	10.62	277.57	577.93	571.20	6.93	-27.87	141895.58	526455.44	52°43'34.932"N	5°11'37.095"E	0.99	3.63	0.99	0.08	28.57	2.07	2.05	0.96	

597.96	11.40	277.82	596.20	589.47	7.40	-31.39	141892.06	526455.93	52°43'34.947"N 5°11'36.907"E	1.26	4.27	1.26	0.40	32.12	2.08	2.07	0.97	5.48
616.80	12.47	278.19	614.63	607.90	7.95	-35.25	141888.20	526456.48	52°43'34.965"N 5°11'36.701"E	1.71	-29.76	1.70	0.59	36.02	2.10	2.09	0.99	276.29
635.97	13.08	276.66	633.33	626.60	8.49	-39.45	141884.00	526457.04	52°43'34.982"N 5°11'36.477"E	1.09	-60.69	0.95	-2.39	40.25	2.13	2.11	1.01	276.21
654.16	13.16	276.04	651.04	644.31	8.95	-43.56	141879.90	526457.51	52°43'34.997"N 5°11'36.259"E	0.27	-172.07	0.13	-1.02	44.38	2.17	2.13	1.02	276.72
673.11	12.81	275.82	669.51	662.78	9.39	-47.79	141875.67	526457.96	52°43'35.011"N 5°11'36.033"E	0.56	1.97	-0.55	-0.35	48.64	2.22	2.15	1.04	276.29
691.70	13.14	275.87	687.62	680.89	9.81	-51.95	141871.51	526458.39	52°43'35.025"N 5°11'35.812"E	0.53	150.18	0.53	0.08	52.81	2.27	2.17	1.06	276.01
710.50	13.03	276.15	705.93	699.20	10.26	-56.18	141867.28	526458.85	52°43'35.040"N 5°11'35.586"E	0.20	-165.58	-0.18	0.45	57.06	2.32	2.19	1.08	275.86
729.31	12.84	275.93	724.27	717.54	10.70	-60.37	141863.10	526459.30	52°43'35.054"N 5°11'35.363"E	0.31	-28.12	-0.30	-0.35	61.27	2.38	2.21	1.10	275.77
747.84	13.13	275.25	742.32	735.59	11.11	-64.51	141858.96	526459.72	52°43'35.067"N 5°11'35.142"E	0.53	56.72	0.47	-1.10	65.43	2.44	2.24	1.12	275.67
766.32	13.33	276.55	760.31	753.58	11.54	-68.72	141854.75	526460.17	52°43'35.081"N 5°11'34.918"E	0.58	163.08	0.32	2.11	69.65	2.51	2.26	1.14	275.61
785.00	13.07	276.90	778.50	771.77	12.04	-72.95	141850.52	526460.68	52°43'35.097"N 5°11'34.692"E	0.44	104.17	-0.42	0.56	73.92	2.58	2.29	1.16	275.60
803.61	12.95	279.20	796.63	789.90	12.63	-77.10	141846.37	526461.27	52°43'35.116"N 5°11'34.471"E	0.86	59.60	-0.19	3.71	78.11	2.66	2.32	1.19	275.71
822.28	13.06	280.02	814.82	808.09	13.33	-81.24	141842.23	526461.99	52°43'35.139"N 5°11'34.250"E	0.35	-61.84	0.18	1.32	82.31	2.73	2.35	1.21	275.92
840.89	13.12	279.53	832.95	826.22	14.05	-85.40	141838.08	526462.71	52°43'35.162"N 5°11'34.029"E	0.20	-86.50	0.10	-0.79	86.52	2.81	2.39	1.23	276.11
859.70	13.13	278.87	851.27	844.54	14.73	-89.61	141833.86	526463.41	52°43'35.184"N 5°11'33.804"E	0.24	-49.13	0.02	-1.05	90.79	2.89	2.42	1.25	276.25
879.22	13.27	278.17	870.27	863.54	15.39	-94.02	141829.46	526464.08	52°43'35.206"N 5°11'33.569"E	0.33	-173.14	0.22	-1.08	95.25	2.98	2.46	1.28	276.34
897.92	12.99	278.02	888.48	881.75	15.99	-98.23	141825.25	526464.69	52°43'35.225"N 5°11'33.345"E	0.45	126.60	-0.45	-0.24	99.50	3.07	2.50	1.30	276.39
916.92	12.98	278.08	907.00	900.27	16.59	-102.45	141821.03	526465.30	52°43'35.244"N 5°11'33.120"E	0.03	-34.24	-0.02	0.09	103.76	3.16	2.53	1.33	276.43
935.29	13.09	277.75	924.89	918.16	17.16	-106.56	141816.93	526465.88	52°43'35.263"N 5°11'32.901"E	0.22	2.32	0.18	-0.54	107.91	3.24	2.57	1.35	276.46
953.96	13.86	277.88	943.05	936.32	17.75	-110.87	141812.62	526466.48	52°43'35.282"N 5°11'32.672"E	1.24	5.70	1.24	0.21	112.26	3.34	2.61	1.38	276.48
973.00	15.03	278.33	961.49	954.76	18.42	-115.57	141807.92	526467.17	52°43'35.303"N 5°11'32.421"E	1.85	2.48	1.84	0.71	117.01	3.44	2.66	1.40	276.50
991.46	16.40	278.54	979.26	972.53	19.15	-120.51	141802.98	526467.91	52°43'35.327"N 5°11'32.157"E	2.23	6.40	2.23	0.34	122.01	3.54	2.71	1.42	276.53
1010.23	17.79	279.05	997.20	990.47	20.00	-125.97	141797.53	526468.77	52°43'35.355"N 5°11'31.867"E	2.23	-2.54	2.22	0.82	127.52	3.66	2.75	1.45	276.59
1028.78	18.73	278.92	1014.81	1008.08	20.90	-131.71	141791.79	526469.70	52°43'35.384"N 5°11'31.561"E	1.52	-12.36	1.52	-0.21	133.34	3.78	2.80	1.48	276.66
1047.57	19.88	278.18	1032.55	1025.82	21.83	-137.85	141785.65	526470.63	52°43'35.414"N 5°11'31.234"E	1.88	-12.10	1.84	-1.18	139.55	3.91	2.85	1.50	276.74
1066.26	21.27	277.36	1050.04	1043.31	22.71	-144.36	141779.14	526471.54	52°43'35.442"N 5°11'30.887"E	2.28	-3.75	2.23	-1.32	146.12	4.05	2.90	1.53	276.79
1084.95	22.62	277.13	1067.38	1060.65	23.59	-151.29	141772.22	526472.44	52°43'35.471"N 5°11'30.517"E	2.17	-1.77	2.17	-0.37	153.10	4.20	2.95	1.56	276.81
1094.81	23.00	277.10	1076.47	1069.74	24.07	-155.08	141768.43	526472.92	52°43'35.486"N 5°11'30.315"E	1.16	5.12	1.16	-0.09	156.92	4.28	2.97	1.57	276.81
1113.27	24.19	277.36	1093.38	1086.65	25.00	-162.41	141761.10	526473.87	52°43'35.516"N 5°11'29.925"E	1.94	1.41	1.93	0.42	164.31	4.44	3.02	1.60	276.80
1131.89	25.05	277.41	1110.31	1103.58	25.99	-170.10	141753.41	526474.89	52°43'35.549"N 5°11'29.515"E	1.39	24.40	1.39	0.08	172.07	4.61	3.07	1.63	276.79
1141.27	25.41	277.79	1118.80	1112.07	26.52	-174.07	141749.45	526475.43	52°43'35.566"N 5°11'29.304"E	1.26	3.18	1.15	1.22	176.06	4.69	3.09	1.65	276.80
1160.49	26.37	277.91	1136.09	1129.36	27.67	-182.38	141741.14	526476.60	52°43'35.603"N 5°11'28.860"E	1.50	2.09	1.50	0.19	184.46	4.88	3.14	1.68	276.83
1178.95	27.64	278.01	1152.53	1145.80	28.83	-190.68	141732.84	526477.78	52°43'35.640"N 5°11'28.418"E	2.07	0.00	2.06	0.16	192.84	5.06	3.19	1.71	276.86
1197.78	29.11	278.01	1169.10	1162.37	30.08	-199.54	141723.98	526479.05	52°43'35.681"N 5°11'27.946"E	2.34	-1.05	2.34	0.00	201.79	5.26	3.24	1.74	276.89
1216.09	30.78	277.95	1184.97	1178.24	31.35	-208.59	141714.94	526480.34	52°43'35.722"N 5°11'27.464"E	2.74	-7.86	2.74	-0.10	210.93	5.47	3.29	1.77	276.93
1234.56	31.97	277.64	1200.74	1194.01	32.65	-218.12	141705.41	526481.67	52°43'35.764"N 5°11'26.956"E	1.95	1.69	1.93	-0.50	220.54	5.69	3.35	1.81	276.96
1253.08	33.27	277.71	1216.33	1209.60	33.98	-228.01	141695.52	526483.03	52°43'35.807"N 5°11'26.429"E	2.11	17.11	2.11	0.11	230.52	5.91	3.39	1.84	276.98
1272.08	34.24	278.24	1232.13	1225.40	35.45	-238.47	141685.07	526484.52	52°43'35.854"N 5°11'25.871"E	1.60	18.49	1.53	0.84	241.08	6.16	3.45	1.88	277.01
1290.70	35.26	278.83	1247.43	1240.70	37.02	-248.96	141674.58	526486.13	52°43'35.905"N 5°11'25.312"E	1.73	1.56	1.64	0.95	251.69	6.41	3.49	1.91	277.06
1310.05	36.80	278.90	1263.08	1256.35	38.78	-260.21	141663.34	526487.91	52°43'35.962"N 5°11'24.713"E	2.39	0.00	2.39	0.11	263.07	6.68	3.54	1.95	277.13
1320.17	37.34	278.90	1271.15	1264.42	39.72	-266.24	141657.32	526488.87	52°43'35.993"N 5°11'24.392"E	1.60	125.36	1.60	0.00	269.17	6.83	3.57	1.97	277.17
1339.58	37.11	279.44	1286.61	1279.88	41.59	-277.83	141645.73	526490.77	52°43'36.053"N 5°11'23.774"E	0.62	-0.72	-0.36	0.83	280.91	7.07	3.73	1.85	277.20
1358.38	38.09	279.42	1301.50	1294.77	43.47	-289.14	141634.42	526492.68	52°43'36.114"N 5°11'23.171"E	1.56	-5.69	1.56	-0.03	292.38	7.28	3.74	1.87	277.31
1377.07	38.91	279.29	1316.13	1309.40	45.36	-300.62	141622.95	526494.61	52°43'36.175"N 5°11'22.559"E	1.32	3.47	1.32	-0.21	304.01	7.50	3.75	1.89	277.41
1395.72	39.54	279.35	1330.58	1323.85	47.27	-312.26	141611.32	526496.55	52°43'36.237"N 5°11'21.939"E	1.02	-17.84	1.01	0.10	315.80	7.73	3.75	1.91	277.51
1414.35	40.04	279.10	1344.89	1338.16	49.18	-324.03	141599.55	526498.49	52°43'36.299"N 5°11'21.312"E	0.85	-20.81	0.81	-0.40	327.72	7.97	3.76	1.94	277.59
1433.28	40.45	278.86	1359.34	1352.61	51.09	-336.11	141587.48	526500.43	52°43'36.360"N 5°11'20.688"E	0.69	-70.14	0.65	-0.38	339.95	8.23	3.77	1.96	277.67
1452.25	40.49	278.69	1373.77	1367.04	52.97	-348.28	141575.32	526502.34	52°43'36.421"N 5°11'20.019"E	0.19	-86.84	0.06	-0.27	352.26	8.49			

2066.04	41.06	277.61	1839.67	1832.94	108.88	-743.92	141179.86	526559.30	52°43'38.228"N 5°10'58.934"E	0.98	-79.83	0.83	0.78	751.83	18.01	4.36	2.73	277.93	
2084.75	41.35	275.35	1853.75	1847.02	110.27	-756.16	141167.62	526560.73	52°43'38.273"N 5°10'58.282"E	2.43	106.37	0.46	-3.62	764.15	18.01	4.36	2.74	277.94	
2105.02	41.04	277.02	1869.00	1862.27	111.71	-769.43	141154.35	526562.20	52°43'38.320"N 5°10'57.574"E	1.69	-136.93	-0.46	2.47	777.49	18.01	4.37	2.76	277.94	
2117.84	40.61	276.40	1878.70	1871.97	112.69	-777.76	141146.03	526563.20	52°43'38.351"N 5°10'57.131"E	1.38	85.19	-1.01	-1.45	785.87	18.10	4.62	3.29	277.94	
2126.77	40.62	276.58	1885.48	1878.75	113.34	-783.53	141140.26	526563.87	52°43'38.373"N 5°10'56.823"E	0.40	-150.92	0.03	0.60	791.68	18.23	4.63	3.31	277.93	
2145.76	40.48	276.46	1899.91	1893.18	114.74	-795.80	141127.99	526565.31	52°43'38.418"N 5°10'56.169"E	0.25	-15.12	-0.22	-0.19	804.02	18.49	4.64	3.33	277.91	
2164.26	40.77	276.34	1913.95	1907.22	116.09	-807.77	141116.03	526566.68	52°43'38.461"N 5°10'55.531"E	0.49	52.66	0.47	-0.19	816.06	18.75	4.65	3.35	277.89	
2182.96	40.87	276.54	1928.10	1921.37	117.46	-819.92	141103.89	526568.09	52°43'38.506"N 5°10'54.884"E	0.26	-7.34	0.16	0.32	828.28	19.01	4.66	3.37	277.87	
2201.62	41.28	276.46	1942.17	1935.44	118.85	-832.10	141091.71	526569.51	52°43'38.551"N 5°10'54.235"E	0.66	139.19	0.66	-0.13	840.54	19.28	4.67	3.40	277.85	
2220.46	41.09	276.71	1956.35	1949.62	120.27	-844.42	141079.39	526570.96	52°43'38.596"N 5°10'53.578"E	0.40	172.56	-0.30	0.40	852.94	19.56	4.69	3.43	277.83	
2239.11	40.74	276.78	1970.44	1963.71	121.70	-856.55	141067.26	526572.43	52°43'38.643"N 5°10'52.932"E	0.57	-171.11	-0.56	0.11	865.15	19.83	4.70	3.45	277.82	
2257.72	39.92	276.58	1984.63	1977.90	123.10	-868.51	141055.31	526573.86	52°43'38.688"N 5°10'52.294"E	1.34	119.44	-1.32	-0.32	877.19	20.10	4.72	3.48	277.80	
2276.66	39.73	277.11	1999.17	1992.44	124.55	-880.56	141043.27	526575.34	52°43'38.735"N 5°10'51.652"E	0.62	114.79	-0.30	0.84	889.32	20.37	4.73	3.51	277.79	
2295.27	39.61	277.52	2013.50	2006.77	126.06	-892.34	141031.49	526576.88	52°43'38.784"N 5°10'51.024"E	0.46	177.50	-0.19	0.66	901.20	20.64	4.75	3.54	277.78	
2314.03	39.32	277.54	2027.98	2021.25	127.62	-904.16	141019.67	526578.48	52°43'38.834"N 5°10'50.394"E	0.46	132.24	-0.46	0.03	913.12	20.91	4.77	3.57	277.78	
2332.75	39.12	277.89	2042.49	2035.76	129.21	-915.89	141007.95	526580.10	52°43'38.885"N 5°10'49.769"E	0.48	-106.62	-0.32	0.56	924.96	21.18	4.78	3.60	277.78	
2346.92	39.09	277.73	2053.48	2046.75	130.43	-924.75	140999.10	526581.34	52°43'38.925"N 5°10'49.297"E	0.22	0.00	-0.06	-0.34	933.90	21.38	4.80	3.63	277.78	

18 5/8" casing tally

Rig : T-700

Well : ADK-GT-01

DSV: Dirk van den Nieuwendijk

Date: 22-11-2017

Depth reference : **Rotary table**
 RT-GL : 9,00 m
 RT- HOP : n/a m

TD : 515 m
 Rat hole : 5,00 m
 Shoe depth : 59,75 m
 Mud weight : 1,06 sg

Buoyancy : 0,87
 Block weight : 25 metric Tons
 PUW : metric Tons
 SOW : metric Tons

Casing or DP data (DP used as running string)

Type	OD (inch)	ID (inoh)	Grade	Weight (lb/ft)	Capacity (l/m)	Metal displ. (l/m)	Thread	Make up torque ft.lb	Min	Optimum	Max	MU Loss (m)
1	18 5/8	17,82	K55	87,50	175,77	14,93	BTC					0,000
2												

Joint n° or name	Heat/batch no	Type n°	Total length m	Effective Length m	In string Y/N	Cumul. length m	Top depth BRT m	Hook load mT	Mud gain (m3)	Thread (bottom)	Centraliser # & type	Remark
Shoe depth					y	509,75	25					
Float Shoe	1	0,580	0,58	y	0,580	509,170	25,1	0,01	BTC			
Shoe Joint	1	11,63	11,63	y	12,210	497,540	26,4	0,18	BTC	2x Bow spring centr.		
Intermediate jnt.	1	11,62	11,62	y	23,830	485,920	27,7	0,36	BTC	2x Bow spring centr.		
Float Collar	1	0,67	0,67	y	24,500	485,250	27,8	0,37	BTC			
Float Collar Joint	1	11,61	11,61	y	36,110	473,640	29,1	0,54	BTC	1x Bow spring centr.		
3	1	11,58	11,58	y	47,690	462,060	30,4	0,71	BTC			
4	1	11,57	11,57	y	59,260	450,490	31,7	0,88	BTC			
5	1	11,57	11,57	y	70,830	438,920	33,0	1,06	BTC	1x Bow spring centr.		
6	1	11,62	11,62	y	82,450	427,300	34,3	1,23	BTC			
7	1	11,45	11,45	y	93,900	415,850	35,6	1,40	BTC			
8	1	11,58	11,58	y	105,480	404,270	36,9	1,57	BTC	1x Bow spring centr.		
9	1	11,58	11,58	y	117,060	392,690	38,2	1,75	BTC			
10	1	11,58	11,58	y	128,640	381,110	39,5	1,92	BTC			
11	1	11,56	11,56	y	140,200	369,550	40,8	2,09	BTC	1x Bow spring centr.		
12	1	11,58	11,58	y	151,780	357,970	42,1	2,27	BTC			
13	1	11,58	11,58	y	163,360	346,390	43,4	2,44	BTC			
14	1	11,58	11,58	y	174,940	334,810	44,7	2,61	BTC	1x Bow spring centr.		
15	1	11,57	11,57	y	186,510	323,240	46,0	2,78	BTC			
16	1	11,58	11,58	y	198,090	311,660	47,3	2,96	BTC			
17	1	11,44	11,44	y	209,530	300,220	48,6	3,13	BTC	1x Bow spring centr.		
18	1	11,58	11,58	y	221,110	288,640	49,9	3,30	BTC			
19	1	11,53	11,53	y	232,640	277,110	51,2	3,47	BTC			
20	1	11,58	11,58	y	244,220	265,530	52,5	3,65	BTC	1x Bow spring centr.		
21	1	11,58	11,58	y	255,800	253,950	53,8	3,82	BTC			
22	1	11,58	11,58	y	267,380	242,370	55,1	3,99	BTC			
23	1	11,57	11,57	y	278,950	230,800	56,4	4,16	BTC	1x Bow spring centr.		
24	1	11,57	11,57	y	290,520	219,230	57,7	4,34	BTC			
25	1	11,57	11,57	y	302,090	207,660	59,0	4,51	BTC			
26	1	11,57	11,57	y	313,660	196,090	60,3	4,68	BTC	1x Bow spring centr.		
27	1	11,57	11,57	y	325,230	184,520	61,6	4,85	BTC			
28	1	11,57	11,57	y	336,800	172,950	62,9	5,03	BTC			
29	1	11,57	11,57	y	348,370	161,380	64,2	5,20	BTC	1x Bow spring centr.		
30	1	11,58	11,58	y	359,950	149,800	65,5	5,37	BTC			
31	1	11,56	11,56	y	371,510	138,240	66,8	5,55	BTC			
32	1	11,58	11,58	y	383,090	126,660	68,1	5,72	BTC	1x Bow spring centr.		
33	1	11,58	11,58	y	394,670	115,080	69,5	5,89	BTC			
34	1	11,58	11,58	y	406,250	103,500	70,8	6,06	BTC			
35	1	11,58	11,58	y	417,830	91,920	72,1	6,24	BTC	1x Bow spring centr.		
38	1	11,55	11,55	y	429,380	80,370	73,4	6,41	BTC	1x Bow spring centr.		
39	1	11,58	11,58	y	440,960	68,790	74,7	6,58	BTC			
40	1	11,57	11,57	y	452,530	57,220	76,0	6,76	BTC	1x rigid		
41	1	11,57	11,57	y	464,100	45,650	77,3	6,93	BTC			
42	1	11,52	11,52	y	475,620	34,130	78,6	7,10	BTC	1x rigid	placed 2 m below GL	
43	1	11,57	11,57	y	487,190	22,560	79,9	7,27	BTC			
44	1	11,58	11,58	y	498,770	10,980	81,2	7,45	BTC			
45	1	11,53	11,53	y	510,300	-0,550	82,5	7,62	BTC			

13 3/8" casing tally

Rig : T-700

DSV: Gerrit Ham

Well : ADK-GT-01

Date: 01/12/2017

Depth reference :	Rotary table	TD :	1337.00	m
RT-GL :	9.00 m	Rat hole :	6.00	m
RT- HOP :	n/a m	Shoe depth :	1331.00	m

Mud weight :	1.22	sg
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Buoyancy :	0.84
Block weight :	25
PUW :	metric Tons

metric Tons
metric Tons
metric Tons

Casing or DP data (DP used as running string)

Type	OD (inch)	ID (inch)	Grade	Weight (lb/ft)	CED (in/m)	Metal displi. (in/m)	Thread	Make up torque ft.lb	Optimum	Max	MU Loss (m)
1	13 3/8	12.37	L80	72.00	90.65	13.16	VAM TOP	20850	23150	25450	0.145
2											
3											
4											

Joint n° or name	Heat/batch no+ PIPE NUMBER	Type n°	Total length m	Effective Length m	In string Y/N	Cumul. length m	Top depth BRT m	Hook load mT	Mud gain (m3)	Thread (bottom)	Centraliser # & type	Remark
Shoe depth												
Float Shoe		1	0.60	0.60	y	0.600	1330.400	21.1	0.01	VAM TOP		
Shoe Joint A	171321402123		11.80	11.80	y	12.400	1318.600	26.1	0.16	VAM TOP	2x WF Bow Spring Centralizer	
Intermediate int.	000108	1	12.25	12.10	y	24.500	1306.500	27.2	0.32	VAM TOP	2x WF Bow Spring Centralizer	
Float Collar		1	0.56	0.56	y	25.060	1305.940	27.3	0.33	VAM TOP		
Float Collar Joint A	000099	1	12.03	12.03	y	25.910	1293.910	28.1	0.43	VAM TOP	1x WF Bow Spring Centralizer	
70	000088	1	12.80 m	12.66	y	49.746	1281.254	29.5	0.65	VAM TOP		
71	000065	1	12.44 m	12.30	y	62.041	1268.959	30.6	0.82	VAM TOP		
72	171321404131		12.24 m	12.10	y	74.136	1256.884	31.1	0.98	VAM TOP	1x WF Bow Spring Centralizer	
73	000159	1	12.04 m	11.90	y	86.032	1244.969	32.8	1.13	VAM TOP		
74	17132722201123		12.19 m	12.05	y	98.077	1232.923	33.9	1.29	VAM TOP		
75	000194		12.08 m	11.95	y	110.012	1220.988	35.1	1.45	VAM TOP	1x WF Bow Spring Centralizer	
76	000136	1	12.18 m	12.04	y	122.047	1208.953	36.0	1.61	VAM TOP		
77	000131		11.55 m	11.41	y	133.453	1197.547	37.1	1.76	VAM TOP		
78	000132	1	12.24 m	12.10	y	145.548	1185.452	38.2	1.92	VAM TOP	1x WF Bow Spring Centralizer	
79	000155		12.15 m	12.01	y	157.553	1173.447	39.3	2.07	VAM TOP		
80	000156		12.18 m	12.04	y	169.589	1161.411	40.2	2.23	VAM TOP		
81	000157	1	12.27 m	12.13	y	181.714	1149.286	41.4	2.39	VAM TOP	1x WF Bow Spring Centralizer	
82	000063	1	12.11 m	11.97	y	193.679	1137.321	42.5	2.55	VAM TOP		
83	000165	1	12.19 m	12.05	y	205.725	1125.276	43.6	2.71	VAM TOP		
84	000166	1	12.16 m	12.02	y	217.740	1113.260	44.7	2.87	VAM TOP	1x WF Bow Spring Centralizer	
85	000062	1	12.20 m	12.06	y	229.795	1101.205	45.8	3.02	VAM TOP		
86	000133	1	12.22 m	12.08	y	241.870	1089.130	46.9	3.18	VAM TOP		
87	000110	1	12.17 m	12.03	y	253.896	1077.104	48.0	3.34	VAM TOP	1x WF Bow Spring Centralizer	
88	000111	1	12.13 m	11.99	y	265.881	1065.119	49.1	3.50	VAM TOP		
89	000112	1	12.17 m	12.03	y	277.906	1053.094	50.2	3.66	VAM TOP		
90	000128		12.19 m	12.05	y	289.952	1041.048	51.2	3.82	VAM TOP	1x WF Bow Spring Centralizer	
91	000129	1	11.75 m	11.61	y	301.557	1029.443	52.3	3.97	VAM TOP		
92	000178	1	12.19 m	12.05	y	313.602	1017.398	53.4	4.13	VAM TOP		
47	171321502123	1	12.15 m	12.01	y	325.608	1005.393	54.5	4.28	VAM TOP	1x WF Bow Spring Centralizer	
48	171321404113	1	12.01 m	11.87	y	337.473	993.527	55.5	4.44	VAM TOP		
49	171321502131		11.91 m	11.77	y	349.238	981.762	56.6	4.60	VAM TOP	1x WF Bow Spring Centralizer	
50	171321502111	1	12.19 m	12.05	y	361.283	969.717	57.7	4.75	VAM TOP		
51	000100	1	12.05 m	11.91	y	373.189	957.811	58.8	4.91	VAM TOP		
52	000101	1	12.22 m	12.08	y	385.264	945.736	59.9	5.07	VAM TOP		
53	171332403213	1	12.31 m	12.17	y	397.429	933.571	61.0	5.23	VAM TOP	1x WF Bow Spring Centralizer	
54	000188		12.03 m	11.89	y	409.315	921.685	62.1	5.39	VAM TOP		
55	1.71328E+11	1	12.14 m	12.00	y	421.310	909.691	63.1	5.54	VAM TOP		
56	171332203211		12.20 m	12.06	y	433.365	897.635	64.2	5.70	VAM TOP		
57	000184		12.20 m	12.05	y	445.421	885.580	65.3	5.86	VAM TOP		
58	000066	1	11.84 m	11.70	y	457.116	873.884	66.4	6.02	VAM TOP		
59	000067	1	12.13 m	11.99	y	469.101	861.899	67.5	6.17	VAM TOP		
60	000068	1	12.39 m	12.25	y	481.346	849.655	68.6	6.33	VAM TOP		
61	000102	1	12.13 m	11.99	y	493.332	837.668	69.6	6.49	VAM TOP		
62	000103		12.17 m	12.05	y	505.357	825.643	70.7	6.65	VAM TOP		
63	000104	1	12.14 m	12.00	y	517.352	813.648	71.8	6.81	VAM TOP		
64	000060	1	11.75 m	11.61	y	528.958	802.042	72.9	6.96	VAM TOP		
65	000070	1	12.16 m	12.02	y	540.973	790.027	74.0	7.12	VAM TOP		
66	000071	1	12.27 m	12.13	y	553.098	777.902	75.1	7.28	VAM TOP		
67	000075		12.10 m	11.96	y	565.054	765.947	76.1	7.44	VAM TOP		
68	000107	1	12.12 m	11.98	y	577.029	753.971	77.2	7.59	VAM TOP		
69	000106	1	12.13 m	11.99	y	589.014	741.986	78.3	7.75	VAM TOP		
24	000059	1	12.20 m	12.06	y	601.069	729.931	79.4	7.91	VAM TOP		
25	000060	1	12.04 m	11.90	y	612.965	718.035	80.5	8.07	VAM TOP		
26	171327404133		12.10 m	11.96	y	624.920	706.089	81.6	8.22	VAM TOP		
27	000028	1	11.91 m	11.77	y	636.685	694.315	82.6	8.38	VAM TOP		
28	171327403133		12.22 m	12.08	y	648.761	682.239	83.7	8.54	VAM TOP		
29	171327403111	1	12.08 m	11.91	y	660.696	670.304	84.8	8.69	VAM TOP		
30	171327404111	1	12.25 m	12.11	y	672.801	658.199	85.9	8.85	VAM TOP		
31	000122		12.25 m	12.10	y	684.907	646.094	87.0	9.01	VAM TOP		
32	000023	1	12.25 m	12.11	y	697.012	633.988	88.1	9.17	VAM TOP		
33	171321405113		12.10 m	11.96	y	708.967	622.033	89.2	9.33	VAM TOP		
34	000124		12.22 m	12.05	y	721.042	609.958	90.3	9.49	VAM TOP	1x WF Bow Spring Centralizer	
35	000134	1	12.25 m	12.11	y	733.148	597.852	91.4	9.65	VAM TOP		
36	171321502121	1	12.20 m	12.06	y	745.203	585.797	92.4	9.81	VAM TOP		
37	171327204113	1	12.11 m	11.97	y	757.168	573.832	93.5	9.96	VAM TOP	1x WF Bow Spring Centralizer	
38	000142	1	12.11 m	11.97	y	769.134	561.866	94.6	10.12	VAM TOP		
39	115		12.06 m	11.95	y	781.049	549.951	95.7	10.28	VAM TOP		
40	171321502133	1	12.25 m	12.11	y	793.154	537.846	96.8	10.44	VAM TOP	1x WF Bow Spring Centralizer	
41	000121	1	12.31 m	12.17	y	805.320	525.681	97.9	10.60	VAM TOP		
42	000113	1	12.13 m	11.99	y	817.305	513.693	99.0	10.75	VAM TOP		
43	000114	1	12.21 m	12.07	y	829.370	501.630	100.1	10.91	VAM TOP	1x WF Positive Centralizer	
44	000115	1	12.20 m	12.06	y	841.425	489.575	101.1	11.07	VAM TOP		
45	000144	1	11.96 m	11.82	y	853.241	477.759	102.2	11.23	VAM TOP		
46	171321401113	1	12.03 m	11.89	y	865.126	465.874	103.3	11.38	VAM TOP	1x WF Positive Centralizer	
1	17132404123	1	12.05 m	11.91	y	877.031	453.969	104.4	11.54	VAM TOP		
2	171327502133	1	12.11 m	11.97	y	888.997	442.003	105.5	11.70	VAM TOP		
3	171321201113		12.24 m	12.11	y	901.092	429.908	106.5	11.86	VAM TOP	1x WF Positive Centralizer	
4	171332203233	1	12.36 m	12.22	y	913.307	417.693	107.7	12.02	VAM TOP		
5	1713212											

13 3/8" casing tally

Rig : T-700

DSV: Gerrit Ham

Well : ADK-GT-01

Date: 01/12/2017

Depth reference : **Rotary table**
RT-GL : 9.00 m
RT- HOP : n/a m

TD : 1337.00 m
Rat hole : 6.00 m
Shoe depth : 1331.00 m
Mud weight : 1.22 sg

Buoyancy : 0.84
Block weight : 25
PUW : SOW

metric Tons
metric Tons
metric Tons

Casing or DP data (DP used as running string)

Type	OD (inch)	ID (inch)	Grade	Weight (lb/ft)	CED (l/m)	Metal displi. (l/m)	Thread	Make up torque ft.lb	Optimum	Max	MU Loss (m)
1	13 3/8	12.37	L80	72.00	90.65	13.16	VAM TOP	20850	23150	25450	0.145
2											
3											
4											

Joint n° or name	Heat/batch no+ PIPE NUMBER	Type n°	Total length m	Effective Length m	In string Y/N	Cumul. length m	Top depth BRT m	Hook load mT	Mud gain (m3)	Thread (bottom)	Centraliser # & type	Remark
10	000185	1	12.26 m	12.12	y	985.779	345.221	114.2	12.97	VAM TOP		
11	000095	1	12.08 m	11.91	y	997.714	333.286	115.3	13.13	VAM TOP		
12	171321501113	1	12.12 m	11.98	y	1009.690	321.310	116.4	13.29	VAM TOP		
13	000097	1	12.18 m	12.04	y	1021.725	309.275	117.5	13.44	VAM TOP		
14	171327501131	1	12.09 m	11.95	y	1033.670	297.338	118.5	13.60	VAM TOP		
15	17132203221	1	11.37 m	11.23	y	1044.896	286.105	119.6	13.75	VAM TOP		
16	000024	1	12.24 m	12.10	y	1056.991	274.009	120.7	13.91	VAM TOP		
17	000026	1	11.68 m	11.54	y	1068.526	262.474	121.7	14.06	VAM TOP		
18	000191	1	11.79 m	11.65	y	1080.171	250.829	122.8	14.21	VAM TOP	1x WF Positive Centralizer	
19	000021	1	12.17 m	12.03	y	1092.197	238.803	123.8	14.37	VAM TOP		
20	000168	1	12.05 m	11.91	y	1104.102	226.898	124.9	14.53	VAM TOP		
21	000169	1	12.34 m	12.20	y	1116.297	214.703	126.0	14.69	VAM TOP		
22	171327203111	1	12.25 m	12.11	y	1128.403	202.597	127.1	14.85	VAM TOP		
23	171327102123		12.26 m	12.12	y	1140.518	190.482	128.2	15.01	VAM TOP		
93	000086	1	12.07 m	11.93	y	1152.443	178.557	129.3	15.16	VAM TOP	1x WF Positive Centralizer	
94	000130	1	12.20 m	12.06	y	1164.499	166.502	130.4	15.32	VAM TOP		
95	000189		11.90 m	11.76	y	1176.254	154.746	131.5	15.49	VAM TOP		
97	000190	1	12.01 m	11.87	y	1188.119	142.881	132.5	15.63	VAM TOP		
98	000085	1	12.37 m	12.23	y	1200.344	130.656	133.6	15.80	VAM TOP		
96	171327201121		12.35 m	12.21	y	1212.550	118.450	134.7	15.96	VAM TOP		
99	171321506123	1	12.14 m	12.00	y	1224.545	106.455	135.8	16.11	VAM TOP	1x WF Positive Centralizer	
100	171327201133	1	12.02 m	11.88	y	1236.420	94.580	136.9	16.27	VAM TOP		
101	171327202113	1	11.74 m	11.60	y	1248.016	82.984	137.9	16.42	VAM TOP		
102	171321205123	1	12.19 m	12.05	y	1260.061	70.939	139.0	16.58	VAM TOP		
103	000091		12.01 m	11.88	y	127.926	59.074	140.1	16.74	VAM TOP		
104	000161	1	12.26 m	12.12	y	1284.042	46.959	141.2	16.90	VAM TOP		
105	171327203131	1	12.04 m	11.90	y	1295.937	35.063	142.3	17.06	VAM TOP		
106	171321304113	1	11.89 m	11.75	y	1307.682	23.318	143.3	17.21	VAM TOP		
107	000072	1	12.14 m	12.00	y	1319.677	11.323	144.4	17.37	VAM TOP	2x WF Positive Centralizer	Just below GLJ
108	000084		12.35 m	12.21	y	1331.883	-0.883	145.5	17.53	VAM TOP		

9-5/8" production liner tally

Rig : T700

Well : ADK-GT-01

DSV: Dirk v.d. Nieuwendijk

Date: 10-12-2017

Depth reference :	Rotary Table	TD :	2,112,00	m	Buoyancy :	0,83	
RT - GL	9,00	Rat hole :	1	m	Block weight :	25	metric Tons
RT-HOP :	m	Shoe depth :	2111,00	m	PUW :		metric Tons
		Mud weight :	1,35	sg	SOW :		metric Tons

Casing or DP data (DP used as running string)

Type	OD (inch)	ID (inch)	Grade	Weight (lb/ft)	Capacity (l/m)	Metal displ. (l/m)	Thread	Make up torque ft.lb	Min	Optimum	Max	MU Loss (m)
1	9-5/8"	8,5394	L80	53,50	36,95	9,99	VAM TOP	20,850	23,150	25,450	0,142	
2												
3												
4												

Joint n° or name	Heat/ batch no.	Type n°	Total length	Make up length	In string	Cumul. length	Top depth BGL	Hook load	Mud gain	Thread (bottom)	Remarks
<i>Centralizers to be installed between 2 stop collars</i>											
Shoe	Shoe depth	1	0,88	0,88	Y	0,88	2110,13	25	0,0	VAM TOP	
Shoe int. Joint		1	11,82	11,82		12,70	2098,31	26	0,1	VAM TOP	Shoe assy - 2 centralizers
Intermediate joint		1	12,00	11,86	Y	24,55	2086,45	27	0,2	VAM TOP	2 Centralizers
Float collar		1	0,88	0,73	Y	25,29	2088,71	27	0,3	VAM TOP	Float collar assy - 2 centralizers
Float int. Joint		1	11,25	11,25	Y	36,54	2074,46	27	0,4	VAM TOP	
63	107751501111	1	12,00	11,86	Y	48,39	2062,61	28	0,5	VAM TOP	Centralizer
64	107748402123	1	11,77	11,63	Y	60,02	2050,98	29	0,6	VAM TOP	Centralizer
65	107182104113	1	12,76	12,62	Y	72,64	2038,36	30	0,7	VAM TOP	Centralizer
66	107182106113		12,48	12,31		84,95	2026,05	31	0,8	VAM TOP	Centralizer
67	107748202111	1	11,79	11,65	Y	96,60	2014,40	31	1,0	VAM TOP	Centralizer
68	107748207133	1	11,80	11,66	Y	108,25	2002,75	32	1,1	VAM TOP	Centralizer
69	107751302113	1	11,17	11,03	Y	119,28	1991,72	33	1,2	VAM TOP	Centralizer
70	107748202121	1	11,88	11,74	Y	131,02	1979,98	34	1,3	VAM TOP	Centralizer
71	107751501113	1	12,74	12,60		143,62	1967,38	34	1,4	VAM TOP	Centralizer
72	107751402133	1	11,75	11,61	Y	155,23	1955,77	35	1,6	VAM TOP	Centralizer
73	107751301113	1	11,77	11,63	Y	166,88	1944,15	36	1,7	VAM TOP	Centralizer
74	107748206131	1	11,80	11,66	Y	178,51	1932,49	37	1,8	VAM TOP	Centralizer
75	107751502111	1	11,62	11,48	Y	189,99	1921,01	38	1,9	VAM TOP	Centralizer
76	107182402123	1	12,75	12,61		202,60	1908,40	38	2,0	VAM TOP	Centralizer
77	107751301131	1	11,75	11,61	Y	214,21	1896,79	39	2,1	VAM TOP	Centralizer
78	107748504121	1	12,03	11,89		226,09	1884,91	40	2,3	VAM TOP	
79	107748403121	1	11,75	11,61	Y	237,70	1873,30	41	2,4	VAM TOP	Centralizer
80	107751504131	1	11,29	11,15	Y	248,85	1862,15	41	2,5	VAM TOP	
32	107751303131	1	11,98	11,84		260,69	1850,31	42	2,6	VAM TOP	Centralizer
33	107182201131	1	12,75	12,61	Y	273,30	1837,70	43	2,7	VAM TOP	
34	107748407133	1	11,97	11,83		285,12	1825,88	44	2,8	VAM TOP	Centralizer
35	107746610133	1	11,81	11,67	Y	296,79	1814,21	45	3,0	VAM TOP	
36	107751503111	1	12,08	11,94	Y	308,73	1802,27	45	3,1	VAM TOP	Centralizer
37	107751305123	1	11,97	11,83	Y	320,58	1790,44	46	3,2	VAM TOP	
38	107751301123	1	11,63	11,49	Y	332,05	1778,95	47	3,3	VAM TOP	Centralizer
39	107751502113	1	11,73	11,59		343,64	1767,36	48	3,4	VAM TOP	
40	107751502131	1	11,58	11,44	Y	355,07	1755,93	48	3,5	VAM TOP	Centralizer
41	107182401121	1	12,75	12,61		367,68	1743,32	49	3,7	VAM TOP	
42	107751502121	1	11,76	11,62	Y	379,30	1731,70	50	3,8	VAM TOP	Centralizer
43	107182201111	1	12,63	12,49	Y	391,79	1719,21	51	3,9	VAM TOP	
44	107182402133	1	12,16	12,02		403,81	1707,19	52	4,0	VAM TOP	Centralizer
45	107748502131	1	12,77	12,63	Y	416,43	1694,57	52	4,2	VAM TOP	
46	107748201123	1	11,73	11,59		428,02	1682,98	53	4,3	VAM TOP	Centralizer
47	107182106111	1	12,54	12,40	Y	440,42	1670,58	54	4,4	VAM TOP	
48	107182504131	1	12,45	12,31	Y	452,73	1658,27	55	4,5	VAM TOP	Centralizer
49	107182201123	1	12,76	12,62	Y	465,35	1645,65	56	4,6	VAM TOP	
50	107748584123	1	11,86	11,72	Y	477,06	1633,94	56	4,8	VAM TOP	Centralizer
51	107182106133	1	11,53	12,41		489,47	1621,53	57	4,9	VAM TOP	
52	107748206121	1	11,79	11,65	Y	501,12	1609,88	58	5,0	VAM TOP	Centralizer
53	107748506123	1	11,80	11,66	Y	512,78	1598,22	59	5,1	VAM TOP	
54	107748401131	1	11,77	11,63	Y	524,41	1586,59	60	5,2	VAM TOP	Centralizer
55	107182103131	1	12,74	12,60	Y	537,00	1574,00	60	5,4	VAM TOP	
56	107182103121	1	12,74	12,60		549,60	1561,40	61	5,5	VAM TOP	Centralizer
57	107182402121	1	12,75	12,61	Y	562,21	1548,79	62	5,6	VAM TOP	
58	107182104121	1	12,50	12,36		574,57	1536,43	63	5,7	VAM TOP	Centralizer
59	107182202123	1	12,64	12,50	Y	587,07	1523,93	64	5,9	VAM TOP	
60	107748506121	1	11,71	11,57	Y	598,63	1512,37	64	6,0	VAM TOP	Centralizer
61	107748206123	1	11,78	11,64		610,27	1500,73	65	6,1	VAM TOP	
62	107748404113	1	11,80	11,66	Y	621,93	1489,07	66	6,2	VAM TOP	Centralizer
63	107748504131	1	12,07	11,93		633,88	1477,11	67	6,3	VAM TOP	
2	107248503121	1	11,98	11,84	Y	645,70	1465,30	68	6,5	VAM TOP	
3	107748207101	1	11,98	11,84		657,53	1453,47	68	6,6	VAM TOP	
4	107751204111	1	11,98	11,84	Y	669,37	1441,63	69	6,7	VAM TOP	Centralizer
5	107751402121	1	11,72	11,58	Y	680,95	1430,05	70	6,8	VAM TOP	
6	107748207113	1	11,98	11,84		692,79	1418,21	71	6,9	VAM TOP	Centralizer
7	107588484123	1	11,70	11,56	Y	704,35	1406,65	71	7,0	VAM TOP	
8	107586582121	1	12,67	12,53	Y	716,87	1394,13	72	7,2	VAM TOP	Centralizer
9	107749504133	1	12,20	12,06	Y	728,93	1382,07	73	7,3	VAM TOP	
10	107748403113	1	11,97	11,83	Y	740,76	1370,24	74	7,4	VAM TOP	Centralizer
11	107751201133	1	11,72	11,58		752,34	1358,66	75	7,5	VAM TOP	
12	107749201121	1	11,87	11,73	Y	764,07	1346,93	75	7,6	VAM TOP	
13	107749226123	1	11,88	11,74		775,80	1335,20	76	7,8	VAM TOP	
14	107748206121	1	12,14	12,00	Y	787,80	1323,20	77	7,9	VAM TOP	Positive Centralizer
15	107748041011	1	11,99	11,85	Y	799,65	1311,35	78	8,0	VAM TOP	
16	107748507113	1	11,96	11,82	Y	811,47	1299,53	78	8,1	VAM TOP	
17	187751201121	1	11,61	11,47	Y	822,94	1288,06	79	8,2	VAM TOP	
18	107748404131	1	11,97	11,83		834,76	1276,24	80	8,3	VAM TOP	
19	107748207123	1	11,98	11,84	Y	846,60	1264,40	81	8,5	VAM TOP	
20	107748401111	1	11,97	11,83	Y	858,43	1252,57	82	8,6	VAM TOP	Positive Centralizer
21	107748203111	1	11,99	11,85	Y	870,28	1240,72	82	8,7	VAM TOP	
22	107748504133	1	12,02	11,88	Y	882,16	1228,84	83	8,8	VAM TOP	
X/O - csq slips		1	4,25	4,11	Y	886,26	1224,74	83	8,9	VAM TOP	

9-5/8" production liner tally

Rig : T700

Well : ADK-GT-01

DSV: Dirk v.d. Nieuwendijk

Date: 10-12-2017

Depth reference : **Rotary Table**
 RT - GL : 9.00 m
 RT-HOP : m

TD : 2.112,00 m
 Rat hole : 100 m
 Shoe depth : 2111,00 m
 Mud weight : 1.35 sg

Buoyancy : 0.83 metric Tons
 Block weight : 25 metric Tons
 PUW : metric Tons
 SOW : metric Tons

Casing or DP data (DP used as running string)

Type	OD (inch)	ID (inch)	Grade	Weight (lb/ft)	Capacity (l/m)	Metal displ. (l/m)	Thread	Make up torque ft.lb			MU Loss (m)
1	9-5/8"	8,5394	L80	53,50	36,95	9,99	VAM TOP	Min	Optimum	Max	0,142
2											
3											
4											

Joint n° or name	Heat/ batch no.	Type n°	Total length m	Make up length m	In string Y/N	Cumul. length m	Top depth BGL m	Hook load mT	Mud gain (m3)	Thread (bottom)	Remarks
csg slips - Mid pack.Elem		1	1,37	1,37	y	887,63	1223,37	84	8,9	VAM TOP	Centralizers to be installed between 2 stop collars
Mid packer el.- Top PBR		1	5,93	5,93	y	893,56	1217,44	84	8,9	VAM TOP	

7" slotted liner tally

Rig : T700

Well : ADK-GT-01

DSV: Gerrit Ham

Date: 23-12-2017

Depth reference :	Rotary Table
RT - GL	9.00 m
RT-HOP :	m

TD :	2,358,00	m
Rat hole :	0,00	m
Shoe depth :	2358,00	m
Mud weight :	1,08	sg

Buoyancy :	0,86	
Block weight :	25	metric Tons
PUW :		metric Tons
SOW :		metric Tons

Casing or DP data (DP used as running string)

Type	OD (inch)	ID (inch)	Grade	Weight (lb/ft)	Capacity (l/m)	Metal displ. (l/m)	Thread	Min	Make up torque ft.lb	Optimum	Max	MU Loss (m)
1	7	6,276	P110	26,00	19,96	5,03	VA Roughneck	21,771	24,190	26,609	0,121	
2												
3												
4												

Joint n° or name	Heat/ batch no.	Type n°	Total length m	Make up length m	In string Y/N	Cumul. length m	Top depth BGL m	Hook load mT	Mud gain (m3)	Thread (bottom)	Remarks (centralizers, cable splices, floats etc.)
Shoe		1	0,94	0,94	Y	0,94	2357,06	25	0,0	VAM TOP	
Shoe int. Joint 201		1	12,44	12,44	Y	13,38	2344,62	25	0,1	VAM TOP	
		1	2,75	12,63	Y	26,01	2331,99	26	0,1	VA Roughneck	
		2	12,75	12,63	Y	38,64	2319,36	26	0,2	VA Roughneck	
		3	12,75	12,63	Y	51,27	2306,73	27	0,3	VA Roughneck	
		4	12,74	12,62	Y	63,89	2294,11	27	0,3	VA Roughneck	
		5	12,75	12,63	Y	76,52	2281,48	28	0,4	VA Roughneck	
		6	12,75	12,63	Y	89,15	2268,85	28	0,4	VA Roughneck	
		7	12,75	12,63	Y	101,78	2256,22	28	0,5	VA Roughneck	
		8	12,75	12,63	Y	114,41	2243,59	29	0,6	VA Roughneck	
		9	12,74	12,62	Y	127,03	2230,97	29	0,6	VA Roughneck	
		10	12,75	12,63	Y	139,66	2218,35	30	0,7	VA Roughneck	
		11	12,75	12,63	Y	152,28	2205,72	30	0,8	VA Roughneck	
		12	12,75	12,63	Y	164,91	2193,09	31	0,8	VA Roughneck	
		13	12,75	12,63	Y	177,54	2180,46	31	0,9	VA Roughneck	
		14	12,75	12,63	Y	190,17	2167,83	31	1,0	VA Roughneck	
		15	12,74	12,62	Y	202,79	2155,21	32	1,0	VA Roughneck	
		16	12,75	12,63	Y	215,42	2142,58	32	1,1	VA Roughneck	
		17	12,75	12,63	Y	228,05	2129,95	33	1,1	VA Roughneck	
		18	12,76	12,64	Y	240,69	2117,32	33	1,2	VA Roughneck	
		19	12,75	12,63	Y	253,32	2104,68	33	1,3	VA Roughneck	
		20	12,75	12,63	Y	265,95	2092,05	34	1,3	VA Roughneck	
		21	12,75	12,63	Y	278,58	2079,42	34	1,4	VA Roughneck	
		22	12,75	12,63	Y	291,21	2066,79	35	1,5	VA Roughneck	
X-over nipple		1	1,30	1,30		292,51	2063,49	35	1,5	VA Roughneck	
Setting sleeve		1	1,03	1,03	Y	293,54	2064,46	35	1,5		
PBR		1	4,86	4,86	Y	298,39	2059,61	35	1,5		