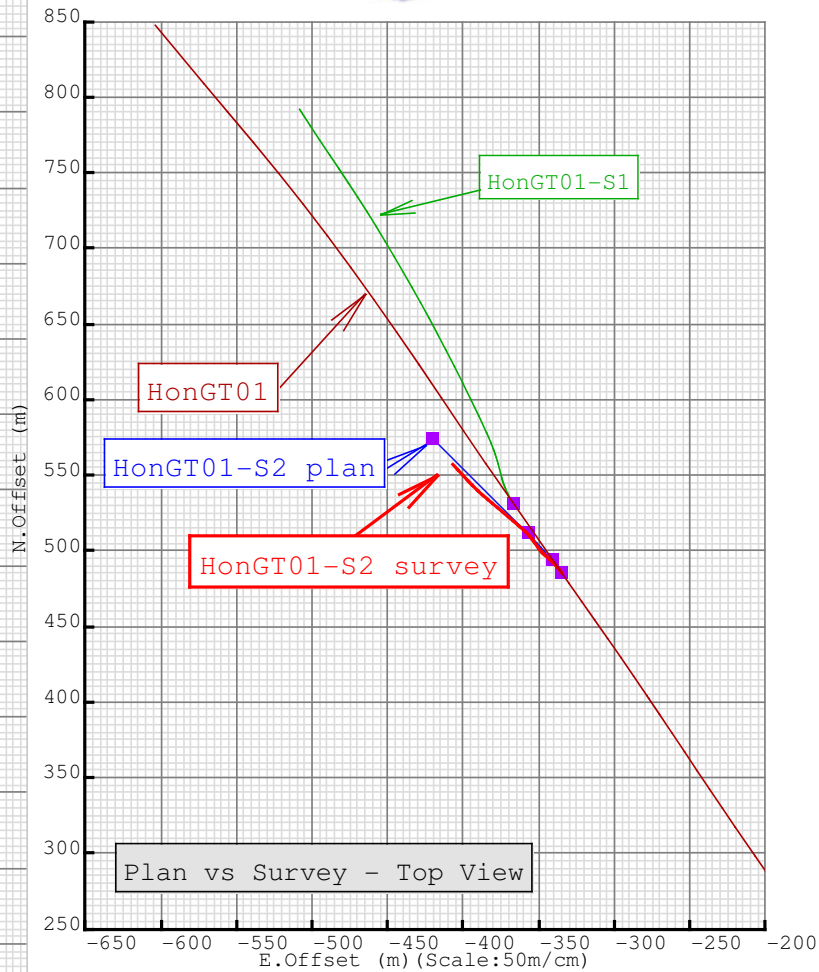
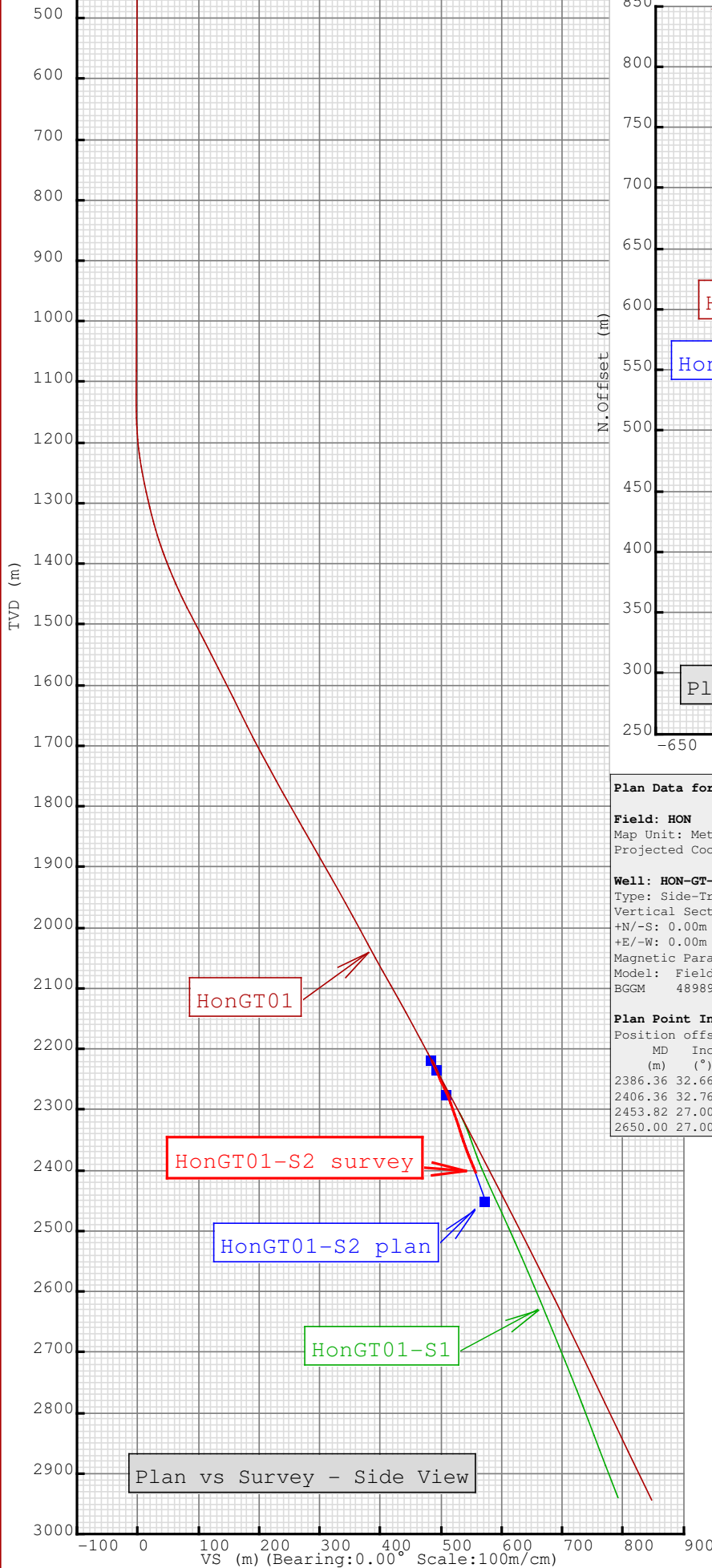




Weatherford

HON-GT-01-S2



Plan Data for HON-GT-01-S2, plv3

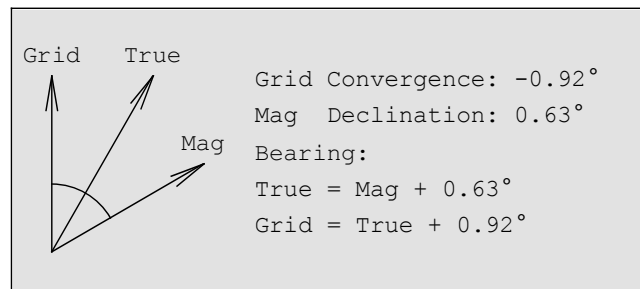
Field: HON
 Map Unit: Metres Vertical Reference Datum (VRD): NAP
 Projected Coordinate System: Amersfoort / RD New

Well: HON-GT-01-S2
 Type: Side-Track
 Vertical Section: Position offset of origin from Slot centre:
 +N/-S: 0.00m Azimuth: 0.00°
 +E/-W: 0.00m
 Magnetic Parameters:
 Model: Field Strength: Declination: Dip: Date:
 BGGM 48989 (nT) 0.63° 67.07° 2015-06-17

Plan Point Information:

Position offsets from Slot centre

MD (m)	Inc (°)	Az (°)	TVD (m)	Elevation (m)	+N/-S (m)	+E/-W (m)	VSec (m)	Toolface (°)	Surv.Tool
2386.36	32.66	325.23	2219.62	-2219.05	485.38	-334.27	485.38	0.0	MWD
2406.36	32.76	320.30	2236.45	-2235.88	493.98	-340.80	493.98	270.0	MWD
2453.82	27.00	315.00	2277.59	-2277.02	511.49	-356.64	511.49	202.4	MWD
2650.00	27.00	315.00	2452.39	-2451.82	574.47	-419.62	574.47	0.0	MWD




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Well Engineering Partners
HON-GT-01-S2

Field Name HON	Map Units : m		Company Name : Green Well Westland	
	Vertical Reference Datum (VRD) : Mean Sea Level			
	Projected Coordinate System : Amersfoort / RD New			
	Comment :			
Site Name HON-GT	Units : m	North Reference : Grid	Convergence Angle : -0.92	
	Position	Northing : 448081.04 m	Latitude : 52° 0' 58.74"	
		Easting : 75242.83 m	Longitude : 4° 13' 32.21"	
	Elevation above Mean Sea Level: 0.57 m			
Comment :				
Slot Name HON-GT-01	Position (Offsets relative to Site Centre)			
	+N / -S : 0.00 m	Northing : 448081.04 m	Latitude : 52°0'58.74"	
	+E / -W : 0.00 m	Easting : 75242.83 m	Longitude : 4°13'32.21"	
	Slot TVD Reference : Ground Elevation			
	Elevation above Mean Sea Level : 0.57 m			
Comment :				
Well Name HON-GT-01-S2	Type : Sidetrack	UWI :		
	Parent : HON-GT-01	Tie Point Method : MD	Tie Point : 2386.36 m	
	Rig Height <i>Drill Floor</i> : 0.00 m	Comment :		
	Relative to Mean Sea Level: 0.57 m			
	Closure Distance : 690.09 m	Closure Azimuth : 323.9°		
	Vertical Section (Position of Origin Relative to Slot)			
	+N / -S : 0.00 m	+E / -W : 0.00 m	Az : 315.00°	

Survey Name :Definitive Survey

Date :	Survey Tool :	Comment :	Company :
Magnetic Model			
Model Name: BGGM	Date: 17/Jun/2015	Field Strength: 48989.6 nT	Declination: 0.63° Dip: 67.07°

Survey Tool Ranges

Name	Start MD (m)	End MD (m)	Source Survey
MWD	2386.36	2597.00	6.125 Sidetrack2

Well path created using minimum curvature

Survey Points (Relative to Slot centre, TVD relative to Drill Floor)											
MD (m)	Inc (°)	Az (°)	TVD (m)	N.Offset (m)	E.Offset (m)	DLS (°/30 m)	T.Face (°)	B.Rate (°/30 m)	T.Rate (°/30 m)	VS (m)	Comment
2386.36	32.66	325.23	2219.62	485.38	-334.27	0.00	0.00	0.00	0.00	579.58	5
2411.00	31.91	310.92	2240.48	495.12	-342.99	9.33	258.37	-0.91	-17.42	592.64	

5D Survey Report

Survey Points (Relative to Slot centre, TVD relative to Drill Floor)												
MD (m)	Inc (°)	Az (°)	TVD (m)	N.Offset (m)	E.Offset (m)	DLS (°/30 m)	T.Face (°)	B.Rate (°/30 m)	T.Rate (°/30 m)	VS (m)	Comment	
2421.00	31.56	313.74	2248.98	498.66	-346.88	4.57	104.47	-1.05	8.46	597.89		
2431.00	30.55	324.90	2257.56	502.55	-350.23	17.51	104.70	-3.03	33.48	603.01		
2440.00	30.51	324.99	2265.31	506.30	-352.86	0.20	131.22	-0.13	0.30	607.52		
2450.00	30.33	318.66	2273.93	510.27	-355.99	9.63	264.06	-0.54	-18.99	612.54		
2460.00	29.05	312.86	2282.62	513.82	-359.43	9.43	243.48	-3.84	-17.40	617.48		
2470.00	28.09	310.75	2291.41	517.01	-363.00	4.18	225.50	-2.88	-6.33	622.26		
2480.00	27.91	310.40	2300.23	520.06	-366.56	0.73	222.24	-0.54	-1.05	626.94		
2489.00	28.48	310.66	2308.17	522.83	-369.80	1.94	12.28	1.90	0.87	631.18		
2499.00	28.09	310.40	2316.97	525.90	-373.40	1.23	197.42	-1.17	-0.78	635.90		
2509.00	27.16	309.69	2325.83	528.89	-376.95	2.96	199.18	-2.79	-2.13	640.52		
2519.00	26.64	309.96	2334.75	531.79	-380.42	1.60	166.90	-1.56	0.81	645.03		
2528.00	26.29	310.13	2342.81	534.37	-383.49	1.19	167.86	-1.17	0.57	649.02		
2538.00	26.86	311.36	2351.75	537.29	-386.88	2.38	44.54	1.71	3.69	653.48		
2548.00	27.43	313.65	2360.65	540.37	-390.24	3.57	62.41	1.71	6.87	658.04		
2558.00	27.96	315.14	2369.50	543.62	-393.56	2.62	53.23	1.59	4.47	662.69		
2568.00	29.23	316.90	2378.28	547.07	-396.88	4.57	34.33	3.81	5.28	667.47		
2577.00	29.63	317.25	2386.12	550.30	-399.90	1.45	23.42	1.33	1.17	671.89		
2587.00	29.58	317.34	2394.82	553.93	-403.25	0.20	138.39	-0.15	0.27	676.83		
2597.00	29.85	317.52	2403.50	557.58	-406.60	0.85	18.36	0.81	0.54	681.78		
2615.30 (pr)	30.16	317.72	2419.35	564.34	-412.77	0.53	18.21	0.50	0.33	690.92		

Original survey HON-GT-01 (2012)

N°	MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	Survey
	m	deg	deg	m	m	m	m	Deg/30m	Deg/30m	Deg/30m	Type
1	1.082,10	0,31	138,40	1.082,06	-8,19	-0,59	-6,37	-	-	-	PMWD
2	1.121,00	0,44	135,65	1.120,96	-8,38	-0,41	-6,63	0,10	0,10	-2,12	PMWD
3	1.148,50	1,14	330,59	1.148,46	-8,21	-0,47	-6,46	1,71	0,76	-180,07	PMWD
4	1.175,50	3,69	329,36	1.175,43	-7,23	-1,05	-5,32	2,83	2,83	-1,37	PMWD
5	1.202,50	6,42	329,18	1.202,32	-5,19	-2,26	-2,95	3,03	3,03	-0,20	PMWD
6	1.230,00	9,85	333,84	1.229,54	-1,76	-4,09	0,91	3,81	3,74	5,08	PMWD
7	1.257,00	12,57	331,64	1.256,02	2,90	-6,50	6,11	3,06	3,02	-2,44	PMWD
8	1.284,00	14,51	327,78	1.282,27	8,35	-9,70	12,41	2,38	2,16	-4,29	PMWD
9	1.311,50	16,53	324,35	1.308,77	14,45	-13,82	19,76	2,42	2,20	-3,74	PMWD
10	1.339,00	18,99	323,65	1.334,96	21,23	-18,75	28,15	2,69	2,68	-0,76	PMWD
11	1.366,00	21,72	324,88	1.360,27	28,86	-24,23	37,54	3,07	3,03	1,37	PMWD
12	1.393,00	24,18	325,05	1.385,13	37,48	-30,27	48,06	2,73	2,73	0,19	PMWD
13	1.420,50	26,38	325,49	1.409,99	47,13	-36,96	59,81	2,41	2,40	0,48	PMWD
14	1.447,50	28,49	324,52	1.433,96	57,32	-44,10	72,24	2,40	2,34	-1,08	PMWD
15	1.474,50	30,78	324,09	1.457,42	68,16	-51,89	85,59	2,56	2,54	-0,48	PMWD
16	1.502,00	32,27	325,05	1.480,86	79,87	-60,22	99,97	1,72	1,63	1,05	PMWD
17	1.528,50	32,45	325,49	1.503,25	91,53	-68,30	114,15	0,34	0,20	0,50	PMWD
18	1.556,00	32,18	324,61	1.526,49	103,58	-76,72	128,85	0,59	-0,30	-0,96	PMWD
19	1.583,00	32,36	324,44	1.549,32	115,32	-85,09	143,27	0,22	0,20	-0,19	PMWD
20	1.610,00	32,01	324,09	1.572,17	126,99	-93,49	157,65	0,44	-0,39	-0,19	PMWD
21	1.637,50	31,83	324,52	1.595,51	138,80	-101,97	172,19	0,32	-0,20	0,47	PMWD
22	1.667,50	31,57	324,35	1.621,04	151,63	-111,14	187,95	0,28	-0,26	-0,17	PMWD
23	1.694,50	31,22	323,65	1.644,08	163,00	-119,41	202,02	0,56	-0,39	-0,78	PMWD
24	1.722,00	31,48	324,35	1.667,57	174,58	-127,82	216,32	0,49	0,28	0,76	PMWD
25	1.749,00	32,71	324,61	1.690,44	186,26	-136,15	230,67	1,38	1,37	0,29	PMWD
26	1.776,00	33,33	325,40	1.713,08	198,31	-144,59	245,38	0,84	0,69	0,88	PMWD
27	1.803,00	33,50	325,58	1.735,62	210,56	-153,01	260,25	0,22	0,19	0,20	PMWD
28	1.830,00	33,15	325,76	1.758,18	222,81	-161,38	275,08	0,40	-0,39	0,20	PMWD
29	1.857,50	34,38	325,93	1.781,04	235,46	-169,96	290,36	1,35	1,34	0,19	PMWD
30	1.884,50	34,29	326,28	1.803,33	248,10	-178,45	305,59	0,24	-0,10	0,39	PMWD
31	1.911,00	34,65	325,14	1.825,18	260,49	-186,90	320,58	0,84	0,41	-1,29	PMWD
32	1.924,50	35,09	324,88	1.836,26	266,81	-191,33	328,30	1,03	0,98	-0,58	PMWD
33	1.952,00	35,09	325,58	1.858,76	279,80	-200,34	344,11	0,44	-	0,76	PMWD
34	1.979,00	34,82	325,14	1.880,89	292,53	-209,14	359,58	0,41	-0,30	-0,49	PMWD
35	2.020,00	34,47	325,58	1.914,62	311,70	-222,39	382,89	0,32	-0,26	0,32	PMWD
36	2.047,00	34,12	326,28	1.936,92	324,30	-230,91	398,10	0,59	-0,39	0,78	PMWD
37	2.074,00	33,77	325,67	1.959,32	336,80	-239,34	413,17	0,54	-0,39	-678,00	PMWD
38	2.101,00	33,50	326,37	1.981,80	349,20	-247,70	428,12	0,53	-0,30	0,78	PMWD
39	2.128,00	33,15	326,55	2.004,36	361,56	-255,90	442,95	0,40	-0,39	0,20	PMWD
40	2.155,50	32,89	326,11	2.027,42	374,04	-264,21	457,93	0,39	-0,28	-0,48	PMWD
41	2.182,50	33,24	326,11	2.050,05	386,26	-272,42	472,66	0,39	0,39	-	PMWD
42	2.209,50	34,38	325,67	2.072,48	398,70	-280,85	487,68	1,30	1,27	-0,49	PMWD
43	2.237,00	34,47	326,02	2.095,17	411,57	-289,57	503,23	0,24	0,10	0,38	PMWD
44	2.263,50	34,21	325,40	2.117,05	423,92	-298,00	518,18	0,49	-0,29	-0,70	PMWD
45	2.291,00	33,77	324,88	2.139,85	436,53	-306,78	533,55	0,58	-0,48	-0,57	PMWD
46	2.318,00	33,59	324,96	2.162,32	448,79	-315,39	548,52	0,21	-0,20	0,09	PMWD
47	2.345,00	33,15	324,96	2.184,87	460,95	-323,91	563,37	0,49	-0,49	-	PMWD
48	2.372,00	32,89	325,05	2.207,50	473,00	-332,35	578,09	0,29	-0,29	0,10	PMWD