



**Anglian Oil Company Ltd.  
Northern Lights, AA Pad, AA16, Slot 09, Run #4**

**Job No. AB-CD-12345678  
Survey Date: 23 September 2017**

**True North Directional Services Inc.  
Anticollision Report**

**19 November 2025**

Minimum Distance Proximity Scan (North Reference)

Scan Range: 0.00m to 1,637.30m Measured Depth  
Scan Radius is 500.00m.



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Directional Services Inc.

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Comparison Site, Well, Profile	Reference Well		C o m p a r i s o n   W e l l				P r o x i m i t y	
	Measured Depth (m)	Vertical Depth (m)	Measured Depth (m)	Vertical Depth (m)	Northings (m)	Eastings (m)	Relative Distance (m)	Relative North Direction
AA01, Run #1	0.00	0.00	0.00	0.00	63.44 N	29.58 W	70.00	335.00
AA02, Gyro Survey Data	0.00	0.00	0.00	0.00	54.38 N	25.36 W	60.00	335.00
AA02, MWD Run #1	240.00	240.00	240.04	240.02	56.73 N	25.86 W	62.61	335.55
AA02, MWD Run #2	456.94	420.95	682.64	487.13	192.74 N	258.20 E	321.52	35.30
AA02, MWD Run #3	1,637.17	486.99	1,406.82	488.30	498.37 N	914.68 E	475.76	335.52
AA02, Lateral #1, MWD Run #4	1,637.29	486.99	1,543.28	488.51	556.29 N	1,038.23 E	496.35	351.46
AA03, As Drilled Surveys	0.00	0.00	0.00	0.00	55.60 N	70.06 W	89.44	308.43
AA04, As Drilled Surveys	339.46	336.31	346.36	340.65	1.39 N	16.53 E	12.65	352.72
AA05, As Drilled Surveys	373.98	365.60	404.23	392.71	2.03 S	0.92 E	45.77	303.82
AA06, As Drilled Surveys	341.46	338.09	343.19	337.94	9.91 S	19.99 E	1.65	49.87
AA07, As Drilled Surveys	1,524.98	487.00	1,561.91	500.50	15.24 N	1,011.49 E	13.62	154.18
AA08, As Drilled Surveys	0.00	0.00	0.00	0.00	37.47 N	61.61 W	72.11	301.31
AA09, As Drilled Surveys	0.00	0.00	0.00	0.00	72.50 N	33.81 W	80.00	335.00
AA10, As Drilled Surveys	300.61	300.04	316.83	315.62	26.91 N	45.91 W	62.37	299.12
AA10, Sidetrack Surveys	513.80	443.39	748.66	502.13	123.89 N	299.20 E	295.59	39.58
AA11, As Drilled Surveys	541.73	449.20	573.01	464.39	120.42 S	129.23 E	16.36	244.87
AA12, As Drilled Surveys	0.00	0.00	0.00	0.00	46.54 N	65.84 W	80.62	305.26
AA13, SAGD Producer	321.04	319.50	341.50	338.34	18.91 N	31.02 W	53.13	299.58
AA14, SAGD Injector	270.00	269.94	272.41	272.16	34.47 N	11.45 W	37.69	339.56
AA15, As Drilled Surveys	301.59	300.99	307.21	305.90	22.72 N	1.65 W	27.22	340.98

### **BB Pad**

BB02, Leg #2 - Design #1	442.50	413.14	1,701.96	486.60	240.74 N	267.19 E	365.19	33.97
BB02, Leg #7 - Design #1	1,637.17	486.99	1,268.06	486.60	170.22 N	1,062.97 E	115.66	335.00
BB02, Leg #1 - Design #1	402.44	387.20	1,705.12	486.60	315.75 N	233.20 E	410.37	28.19
BB02, Leg #4 - Design #1	550.16	450.43	1,765.52	489.96	98.85 N	337.58 E	299.49	41.50
BB02, Leg #3 - Design #1	485.25	433.86	1,727.11	486.60	170.75 N	297.20 E	327.34	38.78
BB02, Leg #6 - Design #1	1,637.17	486.99	1,213.00	486.60	241.40 N	1,029.78 E	194.20	335.00
BB02, Leg #8 - Design #1	1,637.17	486.99	1,314.76	486.60	101.23 N	1,095.14 E	39.54	335.00
BB02, Leg #5, Run #1	1,637.23	486.99	1,133.57	485.76	317.67 N	1,002.36 E	275.01	336.52
BB03, Design #1 - U-Zontal	492.62	436.64	2,269.56	598.89	65.67 N	154.65 E	228.59	19.88

All station coordinates were calculated using the Minimum Curvature method.  
 All data is in metres unless otherwise stated. Directions and coordinates are relative to Grid North.  
 Vertical depths are relative to RKB. Northings and Eastings are relative to Well AA16.

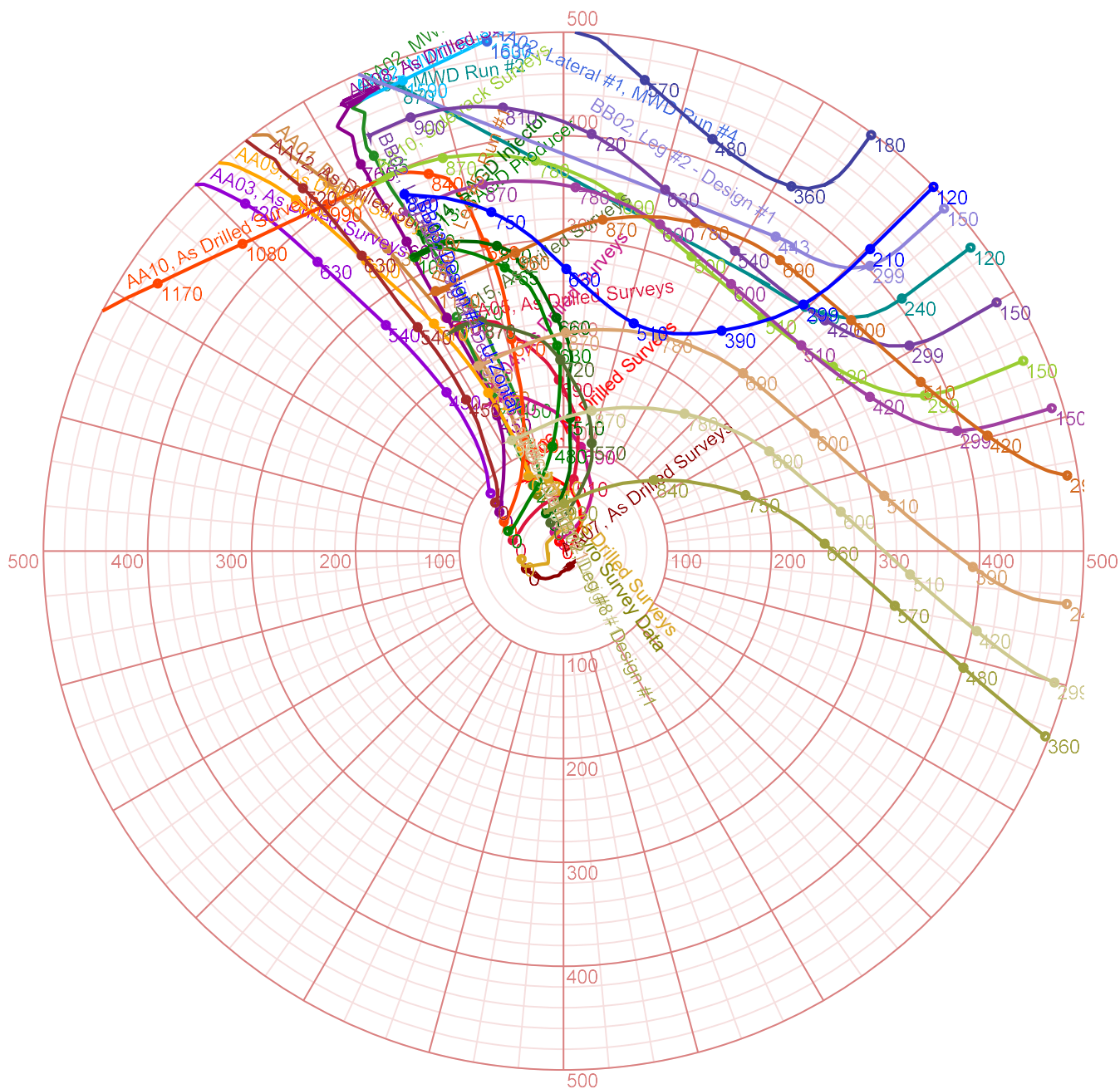
Coordinate system is Universal Transverse Mercator, Zone 12 North.  
 Central meridian is -111.00°. Grid convergence at surface is 1.18°.

### **Profile Sections**

Survey: Run #1 from 0.00m to 299.09m  
 Survey: Run #2 from 299.09m to 764.52m  
 Survey: Run #3 from 764.52m to 1,196.86m  
 Survey: Run #4 from 1,196.86m to 1,637.30m



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