

Planned Wellpath Report

Trava 2 Dir (PWP C.3 AD 03-12-13)

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REFERENCE WELLPATH IDENTIFICATION

Operator	Aleanna Resources LLC	Slot	Slot 1
Area	ITALY_1	Well	Trava 2 Dir
Field	Corte dei Signori	Wellbore	Trava 2 Dir (PWB)
Facility	Trava 2		

REPORT SETUP INFORMATION

Projection System	WGS84 / UTM Zone 32 North	Software System	WellArchitect® 4.0.0
North Reference	Grid	User	Dangand
Scale	1.0003	Report Generated	05/12/2013 at 14:28:01
Convergence at slot	2.12° East	Database/Source file	WellArchitect Pescara Server/Trava_2_Dir__PWB_.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[m]	East[m]	Easting[m]	Northing[m]	Latitude	Longitude
Slot Location	0.00	0.00	739244.30	4952461.94	44°41'08.221"N	12°01'08.489"E
Facility Reference Pt			739244.30	4952461.94	44°41'08.221"N	12°01'08.489"E
Field Reference Pt			739244.30	4952461.94	44°41'08.221"N	12°01'08.489"E

WELLPATH DATUM

Calculation method	Minimum curvature	HH-200MM (03-12-2013) (RKB) to Facility Vertical Datum	7.00m
Horizontal Reference Pt	Facility Center	HH-200MM (03-12-2013) (RKB) to Mean Sea Level	7.00m
Vertical Reference Pt	HH-200MM (03-12-2013) (RKB)	HH-200MM (03-12-2013) (RKB) to Mud Line at Slot (Slot 1)	7.00m
MD Reference Pt	HH-200MM (03-12-2013) (RKB)	Section Origin	N 0.00, E 0.00 m
Field Vertical Reference	Mean Sea Level	Section Azimuth	133.05°

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WELLPATH DATA (7 stations) † = interpolated/extrapolated station														
MD [m]	Inclination [°]	Azimuth [°]	TVD [m]	TVD from Fld Vert Ref [m]	Vert Sect [m]	North [m]	East [m]	Grid East [m]	Grid North [m]	Latitude	Longitude	DLS [°/30m]	Toolface [°]	Comments
0.00†	0.000	133.047	0.00	-7.00	0.00	0.00	0.00	739244.30	4952461.94	44°41'08.221"N	12°01'08.489"E	0.00	0.00	
7.00	0.000	133.047	7.00	0.00	0.00	0.00	0.00	739244.30	4952461.94	44°41'08.221"N	12°01'08.489"E	0.00	0.00	Tie On
400.00	0.000	133.047	400.00	393.00	0.00	0.00	0.00	739244.30	4952461.94	44°41'08.221"N	12°01'08.489"E	0.00	133.05	End of Tangent
661.55	39.581	133.047	641.24	634.24	86.81	-59.25	63.44	739307.76	4952402.67	44°41'06.227"N	12°01'11.268"E	4.54	0.00	End of Build
684.29	39.581	133.047	658.76	651.76	101.29	-69.14	74.03	739318.35	4952392.78	44°41'05.894"N	12°01'11.732"E	0.00	180.00	End of Tangent
945.84	0.000	133.047	900.00	893.00	188.10	-128.40	137.46	739381.80	4952333.50	44°41'03.900"N	12°01'14.511"E	4.54	0.00	End of Drop
1445.84	0.000	133.047	1400.00 ¹	1393.00	188.10	-128.40	137.46	739381.80	4952333.50	44°41'03.900"N	12°01'14.511"E	0.00		End of Tangent

HOLE & CASING SECTIONS - Ref Wellbore: Trava 2 Dir (PWB) Ref Wellpath: Trava 2 Dir (PWP C.3 AD 03-12-13)									
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]
0.526575in Casing	7.00	350.00	343.00	7.00	350.00	0.00	0.00	0.00	0.00

TARGETS										
Name	MD [m]	TVD [m]	North [m]	East [m]	Grid East [m]	Grid North [m]	Latitude	Longitude	Shape	
TRAVA CENTER OF PAD (100m x 100m)		0.00	-8.64	6.40	739250.70	4952453.30	44°41'07.934"N	12°01'08.765"E	square	
1) TRAVA #2 BHL -30-09-13	1445.84	1400.00	-128.40	137.46	739381.80	4952333.50	44°41'03.900"N	12°01'14.511"E	point	

SURVEY PROGRAM - Ref Wellbore: Trava 2 Dir (PWB) Ref Wellpath: Trava 2 Dir (PWP C.3 AD 03-12-13)				
Start MD [m]	End MD [m]	Positional Uncertainty Model	Log Name/Comment	Wellbore
7.00	1446.00	NaviTrak (Standard)		Trava 2 Dir (PWB)