

To correct azimuth from Magnetic to True add 8.55 degrees
For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = $90 + 8.55 = 98.55$



Planned Wellpath Report

Ponderosa 41-17 1V PWP

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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Ponderosa 41-17 1V (600' FNL & 300' FEL)
Area	PA	Well	Ponderosa 41-17 1V
Field	EL Paso Country (Nad 83)	Wellbore	Ponderosa 41-17 1V PWB
Facility	Sec.17-T14S-R64W		

REPORT SETUP INFORMATION			
Projection System	NAD83 / Lambert Colorado State Planes, Central Zone (502), US feet	Software System	WellArchitect® 2.0
North Reference	True	User	Ewilliams
Scale	0.999946	Report Generated	1/23/2012 at 2:28:51 PM
Convergence at slot	0.58° East	Database/Source file	UltraWellArchitect/Ponderosa_41-17_1V_PWB.xml

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	3264006.94	1366891.71	38°50'13.340"N	104°34'23.272"W
Facility Reference Pt			3264006.94	1366891.71	38°50'13.340"N	104°34'23.272"W
Field Reference Pt			3270660.16	1360754.62	38°49'12.000"N	104°33'00.000"W

WELLPATH DATUM			
Calculation method	Minimum curvature	Rig on Ponderosa 41-17 1V (RT) to Facility Vertical Datum	6505.00ft
Horizontal Reference Pt	Slot	Rig on Ponderosa 41-17 1V (RT) to Mean Sea Level	6505.00ft
Vertical Reference Pt	Rig on Ponderosa 41-17 1V (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on Ponderosa 41-17 1V (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	260.83°



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Area	PA	Well	Ponderosa 41-17 1V
Field	EL Paso Country (Nad 83)	Wellbore	Ponderosa 41-17 1V PWB
Facility	Sec.17-T14S-R64W		

WELLPATH DATA (90 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
0.00	0.000	260.828	0.00	0.00	0.00	0.00	0.00	
100.00†	0.000	260.828	100.00	0.00	0.00	0.00	0.00	
200.00†	0.000	260.828	200.00	0.00	0.00	0.00	0.00	
300.00†	0.000	260.828	300.00	0.00	0.00	0.00	0.00	
400.00†	0.000	260.828	400.00	0.00	0.00	0.00	0.00	
500.00†	0.000	260.828	500.00	0.00	0.00	0.00	0.00	
600.00†	0.000	260.828	600.00	0.00	0.00	0.00	0.00	
700.00†	0.000	260.828	700.00	0.00	0.00	0.00	0.00	
800.00†	0.000	260.828	800.00	0.00	0.00	0.00	0.00	
900.00†	0.000	260.828	900.00	0.00	0.00	0.00	0.00	
910.00†	0.000	260.828	910.00	0.00	0.00	0.00	0.00	Laramie
1000.00†	0.000	260.828	1000.00	0.00	0.00	0.00	0.00	
1100.00†	0.000	260.828	1100.00	0.00	0.00	0.00	0.00	
1135.00†	0.000	260.828	1135.00	0.00	0.00	0.00	0.00	Fox Hills
1200.00†	0.000	260.828	1200.00	0.00	0.00	0.00	0.00	
1275.00†	0.000	260.828	1275.00	0.00	0.00	0.00	0.00	Pierre SH
1300.00†	0.000	260.828	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.000	260.828	1400.00	0.00	0.00	0.00	0.00	
1500.00†	2.000	260.828	1499.98	1.75	-0.28	-1.72	2.00	
1600.00†	4.000	260.828	1599.84	6.98	-1.11	-6.89	2.00	
1700.00†	6.000	260.828	1699.45	15.69	-2.50	-15.49	2.00	
1800.00	8.000	260.828	1798.70	27.88	-4.44	-27.52	2.00	
1900.00†	8.000	260.828	1897.73	41.80	-6.66	-41.26	0.00	
2000.00†	8.000	260.828	1996.76	55.71	-8.88	-55.00	0.00	
2100.00†	8.000	260.828	2095.78	69.63	-11.10	-68.74	0.00	
2200.00†	8.000	260.828	2194.81	83.55	-13.32	-82.48	0.00	
2300.00†	8.000	260.828	2293.84	97.47	-15.54	-96.22	0.00	
2400.00†	8.000	260.828	2392.86	111.38	-17.75	-109.96	0.00	
2500.00†	8.000	260.828	2491.89	125.30	-19.97	-123.70	0.00	
2600.00†	8.000	260.828	2590.92	139.22	-22.19	-137.44	0.00	



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REFERENCE WELLPATH IDENTIFICATION			
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Area	PA	Well	Ponderosa 41-17 1V
Field	EL Paso Country (Nad 83)	Wellbore	Ponderosa 41-17 1V PWB
Facility	Sec.17-T14S-R64W		

WELLPATH DATA (90 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
2700.00†	8.000	260.828	2689.94	153.14	-24.41	-151.18	0.00	
2800.00†	8.000	260.828	2788.97	167.05	-26.63	-164.92	0.00	
2900.00†	8.000	260.828	2888.00	180.97	-28.85	-178.66	0.00	
3000.00†	8.000	260.828	2987.02	194.89	-31.07	-192.40	0.00	
3100.00†	8.000	260.828	3086.05	208.80	-33.28	-206.14	0.00	
3200.00†	8.000	260.828	3185.08	222.72	-35.50	-219.87	0.00	
3300.00†	8.000	260.828	3284.10	236.64	-37.72	-233.61	0.00	
3400.00†	8.000	260.828	3383.13	250.56	-39.94	-247.35	0.00	
3500.00†	8.000	260.828	3482.16	264.47	-42.16	-261.09	0.00	
3600.00†	8.000	260.828	3581.18	278.39	-44.38	-274.83	0.00	
3700.00†	8.000	260.828	3680.21	292.31	-46.59	-288.57	0.00	
3800.00†	8.000	260.828	3779.24	306.23	-48.81	-302.31	0.00	
3900.00†	8.000	260.828	3878.26	320.14	-51.03	-316.05	0.00	
4000.00†	8.000	260.828	3977.29	334.06	-53.25	-329.79	0.00	
4009.64	8.000	260.828	3986.84	335.40	-53.46	-331.11	0.00	
4100.00†	6.193	260.828	4076.50	346.56	-55.24	-342.13	2.00	
4200.00†	4.193	260.828	4176.09	355.62	-56.69	-351.07	2.00	
4300.00†	2.193	260.828	4275.93	361.18	-57.57	-356.57	2.00	
4400.00†	0.193	260.828	4375.90	363.27	-57.90	-358.62	2.00	
4409.64	0.000	260.828	4385.54 ¹	363.28	-57.91	-358.64	2.00	
4500.00†	0.000	260.828	4475.90	363.28	-57.91	-358.64	0.00	
4600.00†	0.000	260.828	4575.90	363.28	-57.91	-358.64	0.00	
4700.00†	0.000	260.828	4675.90	363.28	-57.91	-358.64	0.00	
4800.00†	0.000	260.828	4775.90	363.28	-57.91	-358.64	0.00	
4900.00†	0.000	260.828	4875.90	363.28	-57.91	-358.64	0.00	
5000.00†	0.000	260.828	4975.90	363.28	-57.91	-358.64	0.00	
5100.00†	0.000	260.828	5075.90	363.28	-57.91	-358.64	0.00	
5200.00†	0.000	260.828	5175.90	363.28	-57.91	-358.64	0.00	
5300.00†	0.000	260.828	5275.90	363.28	-57.91	-358.64	0.00	
5400.00†	0.000	260.828	5375.90	363.28	-57.91	-358.64	0.00	



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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Ponderosa 41-17 1V (600' FNL & 300' FEL)
Area	PA	Well	Ponderosa 41-17 1V
Field	EL Paso Country (Nad 83)	Wellbore	Ponderosa 41-17 1V PWB
Facility	Sec.17-T14S-R64W		

WELLPATH DATA (90 stations) † = interpolated/extrapolated station								
MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]	Comments
5500.00†	0.000	260.828	5475.90	363.28	-57.91	-358.64	0.00	
5600.00†	0.000	260.828	5575.90	363.28	-57.91	-358.64	0.00	
5700.00†	0.000	260.828	5675.90	363.28	-57.91	-358.64	0.00	
5800.00†	0.000	260.828	5775.90	363.28	-57.91	-358.64	0.00	
5900.00†	0.000	260.828	5875.90	363.28	-57.91	-358.64	0.00	
5929.10†	0.000	260.828	5905.00	363.28	-57.91	-358.64	0.00	Sharon Springs
6000.00†	0.000	260.828	5975.90	363.28	-57.91	-358.64	0.00	
6100.00†	0.000	260.828	6075.90	363.28	-57.91	-358.64	0.00	
6200.00†	0.000	260.828	6175.90	363.28	-57.91	-358.64	0.00	
6269.10†	0.000	260.828	6245.00	363.28	-57.91	-358.64	0.00	Niobrara
6300.00†	0.000	260.828	6275.90	363.28	-57.91	-358.64	0.00	
6400.00†	0.000	260.828	6375.90	363.28	-57.91	-358.64	0.00	
6500.00†	0.000	260.828	6475.90	363.28	-57.91	-358.64	0.00	
6600.00†	0.000	260.828	6575.90	363.28	-57.91	-358.64	0.00	
6700.00†	0.000	260.828	6675.90	363.28	-57.91	-358.64	0.00	
6792.10†	0.000	260.828	6768.00	363.28	-57.91	-358.64	0.00	FT. Hays
6800.00†	0.000	260.828	6775.90	363.28	-57.91	-358.64	0.00	
6824.10†	0.000	260.828	6800.00	363.28	-57.91	-358.64	0.00	Codell SS
6844.10†	0.000	260.828	6820.00	363.28	-57.91	-358.64	0.00	Carlile SH
6900.00†	0.000	260.828	6875.90	363.28	-57.91	-358.64	0.00	
6949.10†	0.000	260.828	6925.00	363.28	-57.91	-358.64	0.00	Greenhorn LS
7000.00†	0.000	260.828	6975.90	363.28	-57.91	-358.64	0.00	
7100.00†	0.000	260.828	7075.90	363.28	-57.91	-358.64	0.00	
7119.10†	0.000	260.828	7095.00	363.28	-57.91	-358.64	0.00	Graneros SH
7200.00†	0.000	260.828	7175.90	363.28	-57.91	-358.64	0.00	
7300.00†	0.000	260.828	7275.90	363.28	-57.91	-358.64	0.00	
7400.00†	0.000	260.828	7375.90	363.28	-57.91	-358.64	0.00	
7500.00†	0.000	260.828	7475.90	363.28	-57.91	-358.64	0.00	
7600.00†	0.000	260.828	7575.90	363.28	-57.91	-358.64	0.00	
7624.10	0.000	260.828	7600.00	363.28	-57.91	-358.64	0.00	TD



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REFERENCE WELLPATH IDENTIFICATION			
Operator	ULTRA RESOURCES, INC	Slot	Ponderosa 41-17 1V (600' FNL & 300' FEL)
Area	PA	Well	Ponderosa 41-17 1V
Field	EL Paso Country (Nad 83)	Wellbore	Ponderosa 41-17 1V PWB
Facility	Sec.17-T14S-R64W		

HOLE & CASING SECTIONS									
Ref Wellbore: Ponderosa 41-17 1V PWB					Ref Wellpath: Ponderosa 41-17 1V PWP				
String/Diameter	Start MD [ft]	End MD [ft]	Interval [ft]	Start TVD [ft]	End TVD [ft]	Start N/S [ft]	Start E/W [ft]	End N/S [ft]	End E/W [ft]
12.25in Open Hole	0.00	1400.00	1400.00	0.00	1400.00	0.00	0.00	0.00	0.00
9.625in Casing Surface	0.00	1400.00	1400.00	0.00	1400.00	0.00	0.00	0.00	0.00
6in Open Hole	1400.00	7624.10	6224.10	1400.00	7600.00	0.00	0.00	-57.91	-358.64
4.5in Casing Production	0.00	7624.10	7624.10	0.00	7600.00	0.00	0.00	-57.91	-358.64

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
1) Ponderosa 41-17 1V Target On Plat (660' FNL & 660' FEL)		5905.00	-57.91	-358.64	3263648.93	1366830.15	38°50'12.768"N	104°34'27.804"W	point