

Deviation Summary

Legal Well Name:	ANADARKO ARROWHEAD RIVER F-56	Spud Date:	1/21/2004	S/T #	V.S. AZI (°)
Common Well Name:	ARROWHEAD RIVER F-56	Start:	1/16/2004	OH	0.00
Event Name:	RE ENTER	End:	2/6/2004		
Contractor Name:	AKITA DRILLING	Rig Release:	2/6/2004		
Rig Name:	AKITA DRILLING	Rig Number:	37		
TMD: 2,847.37 (m)	TVD: 2,843.28 (m)	Calculation Method:	Minimum Curvature		

S/T #	TMD (m)	Angle (°)	Azimuth (°)	CTM	TVD (m)	N-S (m)	E-W (m)	Section (m)	DLS (°/30m)	BUR (°/30m)	Type
OH	2,469.00	2.080	134.940	NYN	2,467.93	21.33	0.60	0.00	0.00	0.00	MWD
OH	2,496.00	2.400	131.600	YNN	2,494.91	20.61	1.37	20.61	0.38	0.36	MWD
OH	2,525.87	3.700	128.100	YNN	2,524.74	19.60	2.60	19.60	1.32	1.31	MWD
OH	2,554.65	5.200	124.700	YNN	2,553.43	18.28	4.40	18.28	1.59	1.56	MWD
OH	2,583.62	5.700	120.300	YNN	2,582.27	16.81	6.72	16.81	0.67	0.52	MWD
OH	2,593.29	5.800	121.100	YNN	2,591.89	16.32	7.55	16.32	0.40	0.31	MWD
OH	2,612.52	6.100	120.500	YNN	2,611.02	15.29	9.27	15.29	0.48	0.47	MWD
OH	2,641.00	6.900	120.900	YNN	2,639.31	13.65	12.04	13.65	0.84	0.84	MWD
OH	2,670.19	7.700	120.700	YNN	2,668.27	11.75	15.22	11.75	0.82	0.82	MWD
OH	2,699.37	8.400	120.500	YNN	2,697.16	9.67	18.74	9.67	0.72	0.72	MWD
OH	2,728.21	8.800	120.200	YNN	2,725.67	7.49	22.46	7.49	0.42	0.42	MWD
OH	2,758.85	9.100	120.200	YNN	2,755.94	5.09	26.58	5.09	0.29	0.29	MWD
OH	2,785.15	9.000	120.500	YNN	2,781.91	3.00	30.15	3.00	0.13	-0.11	MWD
OH	2,813.95	9.500	134.300	YNN	2,810.34	0.20	33.79	0.20	2.36	0.52	MWD
OH	2,830.37	9.800	138.500	YNN	2,826.53	-1.79	35.69	-1.79	1.40	0.55	MWD
OH	2,847.37	9.800	138.500	YNN	2,843.28	-3.96	37.61	-3.96	0.00	0.00	MWD