

MARATHON OIL COMPANY
 NIBU No.31,slot #1
 NIBU,Eddy County New Mexico

Measured Depth	Inclin. Degrees	Azimuth Degrees	True Vert Depth	R E C T A N G U L A R C O O R D I N A T E S	Dogleg Deg/100ft	Vert Sect
7520.00	0.00	0.00	7520.00	0.00 E	0.00	0.00
7620.00	38.20	0.00	7612.76	32.12 N	38.20	32.12
7720.00	76.39	0.00	7665.79	114.71 N	38.20	114.71
7755.62	90.00	0.00	7670.00	150.00 N	38.20	150.00
8000.00	90.00	0.00	7670.00	394.38 N	0.00	394.38
8500.00	90.00	0.00	7670.00	894.38 N	0.00	894.38
9000.00	90.00	0.00	7670.00	1394.38 N	0.00	1394.38
9500.00	90.00	0.00	7670.00	1894.38 N	0.00	1894.38
10000.00	90.00	0.00	7670.00	2394.38 N	0.00	2394.38
10205.62	90.00	0.00	7670.00	2600.00 N	0.00	2600.00

All data is in feet unless otherwise stated.
 Coordinates from slot #1 and TVD from rotary table.
 Bottom hole distance is 2600.00 on azimuth 0.00 degrees from wellhead.
 Vertical section is from wellhead on azimuth 0.00 degrees.
 Calculation uses the minimum curvature method.
 Presented by Baker Hughes INTEQ