

TABLE 1.— Key formation tops in D&L Energy Northstar #1 well (APINO 3409923127)

FORMATION	DEPTH ON GEOPHYSICAL LOGS, FT BGS <sup>1</sup>
Berea Sandstone	190
Bedford Shale/Ohio Shale, Chagrin Member Undifferentiated	320
Lower Huron Member	2,284
Java Formation	2,332
Pipe Creek Member	2,473
West Falls Formation, Angola Shale Member 	2,488
Rhinestreet Shale Member	2,585
Hamilton Group	2,872
Marcellus Shale	3,035
Onondaga Limestone	3,056
Oriskany Sandstone	3,300
Dayton Formation (“Packer Shell”)	4,800
“Clinton” sandstone	4,905
Queenston Shale	5,050
Trenton Limestone	6,822
Black River Group	7,054
Gull River limestone	7,544
Wells Creek Formation	7,602
Knox Dolomite (Group)	7,686
Beekmantown dolomite	7,686
Rose Run sandstone	7,862
Copper Ridge dolomite, upper	7,966
“B zone”	8,132
Copper Ridge dolomite, lower	8,298
Conasauga Group	8,366
Maynardville Formation	8,396
Maynardville Formation – basal sandstone	8,862
Precambrian	8,992
Well Total Depth	9,192

<sup>1</sup>Ft bgs = feet below ground surface.