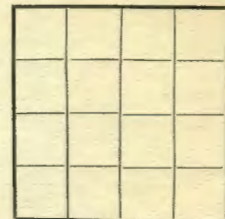


SAMPLE RECORD

State Kansas Co. Johnson Farm Harrington No. 1 Sec. 12 Twp. 14 Rge. 22 E.Location NE cor. 27Company Universal Oil Co.

Date Drilled _____

Elevation _____

Total Depth 2421Mississippi lime

1,030-1,035 Soft white limestone, white chert
 1,035-1,045 Soft white granular limestone
 1,045-1,050 Missing
 1,050-1,065 Hard white chert, gray shale caving
 1,065-1,070 Hard white chert, gray shale
 1,070-1,075 Brown crystalline limestone, white chert
 1,075-1,090 Missing
 1,090-1,095 Hard white chert, brown limestone
 1,095-1,103 Hard white chert, brown limestone
 1,103-1,150 Missing
 1,150-1,155 Hard white chert, brown limestone, gray shale
 1,155-1,197 Missing
 1,197-1,202 Hard white chert, brown crystalline limestone
 1,202-1,235 Missing
 1,235-1,240 Brown crystalline dolomitic limestone, white chert
 1,240-1,245 Brown crystalline dolomitic limestone, white chert
 1,245-1,340 Missing
 1,340-1,345 Soft white earthy limestone, gray chert
 1,345-1,370 Missing
 1,370-1,376 Brown crystalline limestone

Kinderhook shale

1,395-1,433 Missing
 1,433-1,434 Dark gray shale, abundant Sporangites

Viola-Urschel limestone

1,434-1,438 Finely crystalline buff dolomite, sand
 1,438-1,442 Coarsely crystalline brown dolomite
 1,442-1,448 Soft white dense limestone ✓
 1,448-1,452 Coarsely crystalline brown dolomite
 1,452-1,455 Soft white dense limestone, fine sand
 1,455-1,492 Missing
 1,492-1,497 White and gray dense limestone, white chert, sand
 1,497-1510 Missing
 1,510-1,515 White and gray dense limestone, rounded sand
 1,515-1,534 Missing

Simpson formation

1,534-1,537 Coarse rounded frosted sand, green shale
 1,537-1,597 Missing

Arbuckle lime

1,597-1,603 White weathered chert, translucent chert
 1,603-1,665 Missing
 1,665-1,672 Brown coarsely crystalline dolomite

SAMPLE RECORD

State Kansas Co. Johnson Farm Harrington No. 1 Sec. _____ Twp. 14 Rge. 22

Location _____

Company _____ Date Drilled _____

Elevation _____ Total Depth _____

1,672-1,686 Missing
 1,686-1,690 Brown coarsely crystalline dolomite, white chert
 1,690-1,694 Buff coarsely crystalline dolomite, white chert.
 1,694-1,713 Missing
 1,713-1,719 Buff coarsely crystalline dolomite, sand, white (oolitic in part) chert
 1,721-1,727 Buff coarsely crystalline dolomite, sand.
 1,727-1,732 Buff coarsely crystalline dolomite, sand.
 1,732-1,750 Missing
 1,750-1,754 Buff coarsely crystalline dolomite, hard white chert
 1,754-1,772 Missing
 1,772-1,777 Fine angular to coarse rounded sand, buff dolomite
 1,777-1,888 Missing
 1,888-1,896 White finely crystalline dolomite
 1,896-1,910 Missing
 1,910-1,915 Bluish translucent and dead white chert
 1,915-1,920 Missing
 1,920-1,926 Brown crystalline dolomite, white chert
 1,926-1,928 Brown crystalline dolomite, white chert
 1,928-1,931 Brown crystalline dolomite, white chert
 1,931-1,933 Brown crystalline dolomite, white chert
 1,933-1,960 Missing
 1,960-1,965 Gray crystalline dolomite, white chert
 1,965-1,985 Missing
 1,985-1,990 Gray crystalline dolomite, white chert
 1,990-2,035 Missing
 2,035-2,040 Gray crystalline dolomite, white chert
 2,040-2,220 Missing
 2,220-2,228 Buff coarsely crystalline dolomite
 2,228-2,235 Buff coarsely crystalline dolomite
 2,235-2,236 Buff coarsely crystalline dolomite, sand
 2,236-2,267 Missing
 2,267-2,274 Brown coarsely crystalline dolomite.
 2,274-2,279 Brown coarsely crystalline dolomite.
 2,279-2,283 Brown coarsely crystalline dolomite.
 2,283-2,288 Soft white to gray dense limestone.
 2,288-2,293 Soft white earthy limestone
 2,293-2,296 Soft white earthy limestone, brown dolomite
 2,296-2,300 Soft white and gray earthy limestone.
 2,300-2,307 Soft white and gray earthy limestone
 2,307-2,313 Soft white and gray earthy limestone
 2,313-2,318 Soft white and gray earthy limestone
 2,318-2,322 Soft white and gray earthy limestone