

INTERVAL SHEET

WWCR: 581

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VDMR Well No: 2174

Date rec'd: 5/3/68

Sample Interval: from 0 to: 305'

PROP: Camp Hope

Number of samples: 30

COMP: Virginia Well Drilling Co., Inc.

Total Depth: 305'

COUNTY: Rockingham (Keezletown)

Oil or Gas: Water: XExploratory:

From-To	From-To	From-To	From-To
0 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-
280 - 290	-	-	-
290 - 305	-	-	-

All intervals have both washed and unwashed samples

OWNER: Camp Hope
DRILLER: Virginia Well Drilling Company, Inc.
COUNTY: Rockingham (Keezletown)

VDMR: 2174
WWCR: 581
TOTAL DEPTH: 305'

GEOLOGIC LOG

<u>Depth in feet</u>	
0-10	Dolomite — medium-gray, medium-grained, argillaceous; minor amount of weathered dolomite
10-20	Dolomite — medium-gray, fine-grained, argillaceous; minor amount of light-gray dolomite; traces of vein calcite and pyrite
20-30	Dolomite — medium-gray, medium-grained, argillaceous, slightly arenaceous; trace of vuggy calcite
30-40	"
40-50	Dolomite — medium-gray, medium-grained, argillaceous; trace of vuggy calcite
50-60	"
60-70	Dolomite — medium-gray, medium-grained, argillaceous; trace of vuggy calcite; with minor amount of arenaceous dolomite
70-80	"
80-90	" (with fragment of a brachiopod mold) *
90-100	"
100-110	Dolomite — medium-gray, medium-grained, argillaceous, slightly arenaceous; minor amount of vuggy calcite
110-120	"
120-130	" with fragments of light-gray dolomite
130-140	" "
140-150	" with traces of calcite and vein dolomite
150-160	" "

OWNER: Camp Hope

#2174

160-170	Dolomite — medium-gray, fine-grained, argillaceous; fragments of light-gray dolomite
170-180	" with minor amount of arenaceous dolomite and trace of white dolomite
180-190	"
190-200	" with fragments of arenaceous dolomite
200-210	Dolomite — medium-gray, medium-grained, argillaceous, oolitic
210-220	"
220-230	Dolomite — medium-gray, fine-grained, argillaceous, arenaceous; minor amount of light-gray dolomite
230-240	"
240-250	"
250-260	"
260-270	" (with fragment of brachiopod mold) *
270-280	"
280-290	" with trace of vein dolomite
290-305	Dolomite — medium-gray, medium grained, argillaceous; minor amount of white dolomite

GEOLOGIC SUMMARY

ROCK UNIT

AGE

Chepultepec Formation

Lower Ordovician

* Tentative identification of Middle or Upper ordovician-age fossil plus drillers' statement of water zones (80-85', 260-270') indicate small fractures or solution openings were penetrated at these depths; fossils occur in fragments of "wash" material from younger (Edinburg ?) formation.

Virginia Division of Mineral Resources
William W. Winters, Geologist
May 8, 1968

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR: 2174
WWCR: 581

MAILING ADDRESS:
B-3667
Charlottesville, VA 22903

DIVISION OF MINERAL RESOURCES
JAMES L. CALVER, COMMISSIONER
WATER WELL COMPLETION REPORT

OFFICE ADDRESS:
McCormick Road
Charlottesville, Virginia

OWNER: Camp Hope Mailing Address: Keezletown, Va.
TENANT: Mr. Harris Mailing Address: _____
DRILLER: Virginia Well Drilling Co., Inc. Mailing Address: 162 S. Main St., Harrisonburg, Va.
WELL LOCATION: County Rockingham Approx. 1/2 ^{back} miles north (direction) of
of Keezletown and feet miles east side (direction) of St. Road 717

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: 3/18/68 DATE COMPLETED: 3/21/68

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 305 feet

WATER LEVEL: Stands 35 feet below surface OR
has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method Air
Drawdown _____ feet
Rate 8 gal. per min.
Duration _____ hrs., _____ min.

WATER ZONES: from _____ to _____ feet
from 80 to 85 feet
from 270 to 280 feet

WATER: Color Clear Taste _____
Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____
Farm _____ Town _____ School _____
Industry _____ Other Camp

WATER ANALYSIS AVAILABLE: Yes _____ No X

DRILL CUTTINGS SAVED: Yes X No _____

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: _____

HOLE SIZE: 9 inches from 0 to 50 feet
6 1/4 inches from 50 to 305 feet
_____ inches from _____ to _____ feet

SCREEN SIZE: _____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

CASE SIZE: 6 5/8 inches from 0 to 60 feet
_____ inches from _____ to _____ feet
_____ inches from _____ to _____ feet

GROUTING: Method pressure
Material cement Depth 50 feet

PUMP: Type _____
Capacity _____ gal. per min.
Depth of intake _____ feet