

COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

W - 3833  
C - 1526

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: TUCKAHOE MOTEL Mailing Address: AFTON, VA

TENANT: \_\_\_\_\_ Mailing Address: \_\_\_\_\_

DRILLER: C. R. MOORE WELL DRILLING CO., INC Mailing Address: RT. 7 BOX 240 CITY

WELL LOCATION: County ALBEMARLE Approx. 1 <sup>feet</sup>/<sub>miles</sub> north (direction) of  
Critzers Shop and 200 <sup>feet</sup>/<sub>miles</sub> north (direction) of U S Hwy 250

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

DATE STARTED: 4/17/73 DATE COMPLETED: 4/18/73

TYPE OF DRILL RIG USED: AIR ROTARY TOTAL DEPTH 165 feet

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

YIELD TEST: Method AIR BLOWN  
Drawdown \_\_\_\_\_ feet  
Rate 20 gal. per min.  
Duration \_\_\_\_\_ hrs., \_\_\_\_\_ min.

HOLE SIZE: 10 inches from 0 to 60 feet  
8 3/4 inches from 60 to 68 feet  
6 inches from 68 to 165 feet

WATER ZONES: from \_\_\_\_\_ to 62 feet  
from \_\_\_\_\_ to 100 feet  
from \_\_\_\_\_ to 135 feet  
150

SCREEN SIZE: \_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WATER: Color \_\_\_\_\_ Taste \_\_\_\_\_  
Odor \_\_\_\_\_ Temp. \_\_\_\_\_ °F

CASE SIZE: 6 inches from 0 to 68 feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet  
\_\_\_\_\_ inches from \_\_\_\_\_ to \_\_\_\_\_ feet

WELL TO SUPPLY: (check one) Home \_\_\_\_\_  
Farm \_\_\_\_\_ Town \_\_\_\_\_ School \_\_\_\_\_  
Industry \_\_\_\_\_ Other MOTEL

GROUTING: Method \_\_\_\_\_  
Material \_\_\_\_\_ Depth \_\_\_\_\_ feet

WATER ANALYSIS AVAILABLE: Yes \_\_\_\_\_ No \_\_\_\_\_

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

DRILL CUTTINGS SAVED: Yes 14 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: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



OWNER: Tuckahoe Motel  
DRILLER: C. R. Moore  
COUNTY: Albemarle

W - 3833  
C - 1526  
T.D. - 165'

Depth (feet)

0 - 30	no sample
30 - 40	gray chlorite-sericite phyllite, fine quartz in matrix larger grey lumps (1 mm) on cleavage surface, fine black mineral streaks on cleavage, probably biotite. Highly weathered
40 - 50	light gray to pinkish quartz-sericite phyllite, weathered feldspar and quartz lumps on cleavage surfaces give a mottled bumpy appearance. Magnetite octahedra occur sparsely. Highly weathered
50 - 60	same as above, highly weathered
60 - 70	greenish-gray chlorite sericite phyllite - less weathered than above
70 - 80	greenish gray mottled and bumpy quartz-sericite phyllite, weathered
80 - 90	greenish gray salt and pepper textured quartz-feldspar-chlorite-sericite schist with relic clasts of quartz and feldspar in phyllitic matrix. less weathered than
90 - 100	same as above
100 - 110	gray to dark greenish gray phyllite, larger chips of quartz - white sericite phyllite, fine gray green quartzite
110 - 120	greenish gray lineated phyllite
120 - 130	mottled green and gray chlorite sericite phyllite or schist with bumpy texture
130 - 140	same with quartz clasts in phyllitic matrix
140 - 150	same as above
160 - 170	same as above

Geologic Summary

Rock Unit  
Swift Run Formation

Age  
Precambrian

V.D.M.R. W. S. Henika  
9/11/75