

INTERVAL SHEET

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VDMR Well No.: 531

Date 9/14/61

Sample Interval: from 0 to 590

PROP: B. R. Fauber #1

Total depth _____

COMP: Sydnor

Oil _____ Gas _____ Water X Exploratory _____

COUNTY: Augusta (Mt. Sydney)

Cuttings X Core _____ Other _____

| From-To | From-To | From-To | WASHED SAMPLES From-To | From-To |
|---------|-----------------|-----------------|----------------------------------|-----------------|
| - | 0-10 | 300-310 | Missing | 300-310 |
| - | 10-20 | 310-320 | ↑ - - - ↓ Missing | 310-320 |
| - | 20-30 | 320-330 | | 320-330 |
| - | 30-40 | 330-340 | | 330-340 |
| - | 40-50 | 340-350 | | 340-350 |
| - | 50-60 | 350-360 | 50-60 | 350-360 |
| - | 60-70 | 360-370 | 60-70 | Missing |
| - | 70-80 | 370-380 | 70-80 | 370-380 |
| - | 90-90 | 380-390 | 80-90 | Missing |
| - | 90- <u>100</u> | 390- <u>400</u> | 90- <u>100</u> | 390- <u>400</u> |
| - | 100-110 | 400-410 | 100-110 | 400-410 |
| - | 110-120 | 410-420 | 110-120 | 410-420 |
| - | 120-130 | 420-430 | 120-130 | 420-430 |
| - | 130-140 | Missing | 130-140 | Missing |
| - | 140-150 | 440-450 | 140-150 | Missing |
| - | 150-160 | 450-460 | 150-160 | 450-460 |
| - | 160-170 | Missing | 160-170 | Missing |
| - | 170-180 | 470-480 | 170-180 | 470-480 |
| - | 180-190 | 480-490 | 180-190 | Missing |
| - | 190- <u>200</u> | 490- <u>500</u> | 190- <u>200</u> | Missing |
| - | 200-210 | 500-510 | 200-210 | 500-510 |
| - | 210-220 | 510-520 | 210-220 | 510-520 |
| - | 220-230 | 520-530 | 220-230 | 250-530 |
| - | 230-240 | 530-540 | 230-240 | 530-540 |
| - | 240-250 | 540-550 | 240-250 | 540-550 |
| - | 250-260 | 550-560 | 250-260 | 550-560 |
| - | 260-270 | 560-570 | 260-270 | 560-570 |
| - | 270-280 | 570-580 | 270-280 | 570-580 |
| - | 280-290 | 580-590 | 280-290 | 580-590 |
| - | 290- <u>300</u> | - | 290- <u>300</u> | - |

OWNER: Harriet J. Fauber
DRILLER: Sydnor Pump & Well Co.
COUNTY: Augusta (Mt. Sydney)

VDMR # 531
WWCR # 221
TOTAL DEPTH : 592'

GEOLOGIC LOG

| | | |
|---------|--|---|
| 50-60 | Dolomite - light-grey, tan and grey; fine-grained, crystalline; minor white vein dolomite. | |
| 60-70 | " | " |
| 70-80 | " | " |
| 80-90 | Dolomite - grey; fine-grained, crystalline, minor white vein dolomite. | |
| 90-100 | " | " |
| 100-110 | " - darker grey than above. | |
| 110-120 | " | " |
| 120-130 | " | " |
| 130-140 | Dolomite - grey; fine-grained, crystalline; minor white crystalline vein dolomite. | |
| 140-150 | " - minor amount of pyrite. | |
| 150-160 | " | " |
| 160-170 | " | " |
| 170-180 | Dolomite - dark-grey, fine-grained, minor white vein dolomite. | |
| 180-190 | Dolomite - dark-grey, fine-grained, crystalline, minor pyrite and white vein dolomite. | |
| 190-200 | " | " |
| 200-210 | " with minor grey pyritiferous chert | " |
| 210-220 | Dolomite - dark-grey, fine-grained to microcrystalline, with some grey chert, pyrite and very minor white vein dolomite. | |
| 220-230 | " | " |
| 230-240 | Dolomite - grey-to-dark-grey; fine-grained crystalline, some medium-grained crystalline; pyrite and minor vein dolomite. | |
| 240-250 | Dolomite - grey; fine-to-medium grained crystalline, minor white vein dolomite, pyrite light-grey chert. | |
| 250-260 | Dolomite - light-grey to grey; fine to medium grained; crystalline, minor pyrite, very minor chert; white vein dolomite. | |

OWNER: Harriet J. Fauber

#531

| | | |
|---------|---|---|
| 260-270 | " | " |
| 270-280 | Dolomite - light-grey-to-grey, fine to medium grained, crystalline. | |
| 290-300 | " | " |
| 300-310 | Dolomite - light-grey, fine-grained, crystalline; some white vein dolomite. | |
| 310-320 | " | " |
| 320-330 | Dolomite - grey-to-dark-grey, fine-grained, crystalline; white vein dolomite. | |
| 330-340 | " | " |
| 340-350 | " | " |
| 350-360 | Dolomite - grey-to-dark-grey, fine-grained, crystalline; minor white vein dolomite | |
| 360-370 | Dolomite - light-grey, fine-grained, crystalline. | |
| 370-380 | Dolomite - light-grey; fine-grained, crystalline. | |
| 380-390 | " | " |
| 390-400 | Dolomite - light-grey to grey, fine-grained crystalline, minor pyrite associated with dol. veins. | |
| 400-410 | Dolomite - grey, fine-grained, crystalline, minor pyrite deseminated in dark chips. | |
| 410-420 | " | " |
| 420-430 | " | " |
| 430-440 | Sample missing. | |
| 440-450 | Dolomite - grey, fine-grained crystalline; minor white vein dolomite. | |
| 450-460 | Dolomite - " | " |
| 460-470 | Sample missing. | |
| 470-480 | Dolomite - grey, medium-grained, crystalline. | |
| 480-490 | " | " |
| 490-500 | Dolomite - grey, fine to medium grained, crystalline. | |

OWNER: Harriet J. Fauber

#531

| | | |
|---------|---|---|
| 500-510 | Dolomite - dark-grey, fine-to-medium-grained crystalline, with white dolomite veins. | |
| 510-520 | " | " |
| 520-530 | " | " |
| 530-540 | " | " |
| 540-550 | " | " |
| 550-560 | " | " |
| 560-570 | " | " |
| 570-580 | Dolomite - dark grey; fine-to-medium grained crystalline, white vein dolomite. | |
| 580-590 | " | " |

GEOLOGIC SUMMARY

| <u>ROCK UNIT</u> | | <u>TIME ROCK UNIT</u> |
|------------------|-----------------------|-----------------------|
| 50-590 | Beekmantown Formation | Ordovician |

Virginia Division of Mineral Resources
William S. Henika - Geologist
November 23, 1976