

INTERVAL SHEET

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VDMR Well No.: 584

Date 10/26/61

Sample Interval: from 10 to 300

PROP: Continental Can Well #5

Total depth 300

COMP: Mitchell's

Oil Gas Water Exploratory

COUNTY: Chesterfield

Cuttings Core Other

From-To	From-To	From-To	WASHED SAMPLES From-To	From-To
-	10-	-	-	-
-	20-	-	-	-
-	30-	-	-	-
-	40-	-	-	-
-	50-	-	-	-
		-	- Complete set of sampled intervals.	-
-	60-	-	-	-
-	70-	-	-	-
-	80-	-	-	-
-	90-	-	-	-
-	<u>100-</u>	-	-	-
-	110-120	-	-	-
-	120-130	-	-	-
-	130-140	-	-	-
-	140-150	-	-	-
-	150-160	-	-	-
-	160-170	-	-	-
-	170-180	-	-	-
-	180-190	-	-	-
-	190- <u>200</u>	-	-	-
-	200-210	-	-	-
-	210-220	-	-	-
-	220-230	-	-	-
-	230-240	-	-	-
-	240-250	-	-	-
-	250-260	-	-	-
-	260-270	-	-	-
-	270-280	-	-	-
-	280- <u>300</u>	-	-	-
-	-	-	-	-
-	-	-	-	-

OWNER: Continental Can Well #5
DRILLER: Mitchell's W & P Co.
COUNTY: Chesterfield

W#: 584
C#: 208
TOTAL DEPTH: 300'
QUAD: Chester
ELEV: 158'

GEOLOGIC LOG

Depth
(feet)

- 0 - 10 No sample.
- 10 - 20 Sand -- light brown; slightly stained; slightly clayey; fine to coarse grained, some granules; subangular to subrounded; moderately sorted; quartz; feldspar; some opaques.
- 20 - 30 Sand -- light brown; 40% very heavily stained grains; slightly clayey; medium to coarse grained, some fine grains; subangular to subrounded; moderately sorted; quartz; feldspar; few opaques.
- 30 - 40 Sand -- pale orange gray; moderate clay; fine to medium grained, some coarse grains; subangular to subrounded; moderately well sorted; quartz; feldspar; few opaques; few grains of glauconite.
- 40 - 50 Sand -- pale yellowish orange; moderate clay; fine to coarse grained, some granules, few pebbles; subangular to subrounded; moderately sorted; quartz; feldspar, some opaques; few grains of glauconite.
- 50 - 60 Sand -- very pale orange; moderate clay; fine to coarse grained, 7% moderately stained granules, some pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; some opaques; muscovite.
- 60 - 70 Sand -- dark yellowish orange; 25% heavily stained grains; slightly clayey; fine to medium grained, some coarse grains, some granules; subangular to subrounded; moderately sorted; quartz; feldspar; few opaques; few grains of glauconite.
- 70 - 80 Sand -- pale yellowish orange; slightly clayey; fine grained, some medium grains; subangular to subrounded; well sorted; quartz; some feldspar; some glauconite; few opaques; muscovite.
- 80 - 90 As above except dark yellowish orange; some opaques.
- 90 - 100 Sand -- olive gray; moderate clay; very fine to fine grained; subangular to subrounded; well sorted; quartz; some glauconite; few black phosphatic fragments; muscovite.
- 100 - 110 Sand -- olive light gray; moderate clay; very fine to medium grained, some coarse grains; subangular to subrounded; moderately sorted; quartz; 5% black phosphatic material; some glauconite; few grains of garnet.

Depth
(feet)

- 110 - 120 Clay -- light gray; moderate sand; very fine to fine grained; sub-angular to subrounded; well sorted; quartz; some glauconite; some muscovite; few black phosphatic fragments.
- 120 - 130 Sand -- olive gray; abundant clay; very fine to medium grained; sub-angular to rounded; moderately sorted; quartz; 15% glauconite; some muscovite; fish tooth.
- 130 - 140 Sand -- olive gray; moderate clay; very fine to fine grained; sub-angular to rounded; well sorted; quartz; 25% glauconite; some muscovite; forams rare (inc. Robulus)
- 140 - 150 As above.
- 150 - 160 Sand -- olive light gray; moderate clay; very coarse grained to granular, some pebbles; angular to subangular; moderately sorted; quartz; feldspar; some glauconite; muscovite.
- 160 - 170 Sand -- off white; slightly clayey; coarse to very coarse grained, 10% granules, 3% pebbles; subrounded; moderately sorted; quartz; feldspar; some glauconite; muscovite.
- 170 - 180 Sand -- light gray; slightly clayey; coarse grained to granular, some pebbles; subrounded; moderately sorted; quartz, feldspar; few grains of glauconite; muscovite; few grains of garnet.
- 180 - 190 As above except off white.
- 190 - 200 Sand -- grayish orange pink, moderate clay; coarse grained to granular, some pebbles; subangular to subrounded; moderately sorted; quartz; feldspar; few flakes of muscovite.
- 200 - 210 Sand -- pale yellowish brown; moderate clay; fine to coarse grained, 15% granules, 5% pebbles; subangular to subrounded; poorly sorted; quartz; feldspar.
- 210 - 220 Sand -- light olive gray; moderate clay; fine grained to granular, 5% pebbles; subangular to subrounded; poorly sorted; quartz; feldspar; few flakes of muscovite.
- 220 - 230 As above except slightly clayey; medium grained to granular, 3% pebbles.
- 230 - 240 As above except 10% pebbles.
- 240 - 250 As above except light olive brown; 3% pebbles.

Depth
(feet)

250 - 260 Granite (highly weathered) -- yellowish gray; abundant clay; quartz; feldspar (some weathered grains); some muscovite; few flakes of biotite.

260 - 270 Granite (highly weathered) -- olive light gray; abundant clay; quartz; feldspar; 5% weathered biotite; few flakes of muscovite.

270 - 280 Granite -- medium light gray; quartz; feldspar; 30% biotite; few flakes of muscovite.

280 - 300 As above.

Logged by; Michael T. Currie

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GEOLOGIC SUMMARY

<u>Depth</u> (feet)	<u>Thickness</u> (feet)	<u>Rock Unit</u>	<u>Time</u> <u>Rock Unit</u>
0-10	10	No Sample	
10-30	20	Columbia Group	Pleistocene
30-90	60	Columbia Group	Pleistocene
90-120	30	Calvert Formation	Miocene-Eocene
120-150	30	Nanjerry Formation	Eocene
150-250	100	Patuxent Formation	Cretaceous
250-300	50	Petersburg Granite	Paleozoic (?)

VIRGINIA DIVISION OF MINERAL RESOURCES
 David A. Hubbard, Jr. Geologist
 December 26, 1978

Do Not Type