

VIRGINIA DIVISION OF MINERAL RESOURCES
 Box 3667, Charlottesville, VA 22903

INTERVAL SHEET

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C-372

Well Repository No.: W-5514

Date rec'd: Date Processed: 9/17/79

Sample Interval: from 0 to: 970'

PROPERTY: John Bloxom, Geothermal #48

Number of samples: 77

COMPANY: Gruy Federal

Total Depth: 1061

COUNTY: Accomack (Wattsville)

Oil or Gas: Water: Exploratory:XX

From-To	From-To	From-To	From-To	From-To
0-10	300-310	-	900-910	-
10-20	310-320	-	910-920	-
20-30	320-330	-	920-930	-
30-40	No Sample	-	930-940	-
40-50	340-350	-	940-950	-
50-60	350-360	-	950-960	-
60-70	360-370	-	960-970	-
70-80	370-380	NO SAMPLES	-	-
80-90	380-390	-	-	-
90- <u>100</u>	390- <u>400</u>	-	-	-
100-110	400-410	-	-	-
110-120	410-420	-	-	-
120-130	420-430	-	-	-
130-140	430-440	-	-	-
140-150	440-450	-	-	-
150-160	450-460	750-760	-	-
160-170	460-470	760-770	-	-
170-180	470-480	770-780	-	-
180-190	480-490	780-790	-	-
190- <u>200</u>	490- <u>500</u>	790- <u>800</u>	-	-
200-210	500-510	800-810	-	-
210-220	510-520	810-820	-	-
220-230	520-530	820-830	-	-
230-240	530-540	830-840	-	-
240-250	No Sample	840-850	-	-
250-260	550-560	850-860	-	-
260-270	560-570	860-870	-	-
270-280	-	870-880	-	-
280-290	NO SAMPLES	880-890	-	-
290- <u>300</u>	-	890- <u>900</u>	-	-

Unwashed only.

Owner: John Bloxom Geothermal #48
Driller: Gruy Federal
County: Accomack (Wattsville)

W# 5514
C# 372
Total Depth: 970'
Quad: Hallwood
Elev: 39'

Depth
(feet)

WELL LOG

0-10 Sand - yellowish gray (5Y 8/1); medium to very coarse, sub-rounded; well sorted; quartz; 2% fine black phosphatic fragments.

10-20 Sand - as above, except: very sparse clay in sand clasts; plant debris; chromium mica.

20-30 Sand - as above, except: moderate sorting; feldspar.

30-40 Sand - as above, except: medium to granule; 7% fine glauconite and phosphatic fragments.

40-50 Sand - as above.

50-60 Sand - as above.

60-70 Sand - as above.

70-80 Sand - as above, except: very sparse clay in sand clasts; chromium mica in quartz fragments.

80-90 Sand - as above, except: garnet chips.

90-100 Sand - as above, except: (5Y 6/2); 5% glauconite; rare shell fragments.

100-110 Sand - as above, except: medium and coarse; moderately well sorted; garnet chips.

110-120 Sand - as above, except: sparse clay in sand clasts; 8% glauconite.

120-130 Sand - as above, except: some very coarse; moderate sorting; 1% shell fragments.

130-140 Sand - as above.

140-150 Sand - as above.

150-160 Sand - as above, except: 2% shell fragments; garnet chips.

160-170 Sand - as above, except: moderate clay.

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Depth
(feet)

170-180	Sand - as above, except: (5Y 6/1); 5% glauconite; no shell fragments.
180-190	Sand - as above, except: 2% glauconite.
190-200	Sand - as above, except: sparse silt; medium grained; well sorted; sparse glauconite.
200-210	Sand - as above, except: 2% glauconite.
210-220	Sand - as above.
220-230	Sand - as above, except: medium and coarse; moderate sorting; shell fragments; feldspar.
230-240	Sand - as above, except: wood fragment.
240-250	Sand - as above, except: (5Y 6/2); 5% glauconite; 1% shell fragments; 1% garnet chips.
250-260	Sand - as above, except: no shell fragments.
260-270	Sand - as above, except: sparse clay clasts.
270-280	Sand - as above, except: moderate clay in clasts.
280-290	Sand - as above.
290-300	Sand - as above.
300-310	Sand - as above, except: medium to very coarse; poor sorting; 3% shell fragments.
310-320	Sand - as above, except: some granules; 1% shell fragments.
320-330	Sand - as above.
330-340	No sample.
340-350	Sand - as above, except: 5% shell fragments.
350-360	Sand - as above, except: 3% shell fragments.
360-370	Sand - as above.
370-380	Sand - as above, except: few large pebbles; 5% shell fragments.

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Depth
(feet)

380-390 Sand - as above, except: moderate sand clasts; no pebbles; 3% glauconite and shell fragments.

390-400 Sand - as above, except: 2% shells; pebbles.

400-410 Sand - as above, except: 2% glauconite, sparse shell fragments.

410-420 Sand - as above, except: no pebbles, 1% shell fragments.

420-430 Sand - as above.

430-440 Sand, Clayey - yellow gray (5Y 7/2); abundant clay in sand clasts; sand as above; no glauconite or shell fragments.

440-450 Sand, Clayey - as above.

450-460 Sand, Clayey - as above, except: (5Y 7/1).

460-470 Sand - moderate yellow brown (10YR 6/4); moderate clay; medium and coarse; moderate sorting; 2% glauconite; 3% shell fragments.

470-480 Sand - as above.

480-490 Sand - as above, except: abundant sand clasts with moderate amount clay; 1% shell fragments.

490-500 Sand, Clayey - as above, except: no shell or glauconite.

510-520 Clayey-Sand - as above.

520-530 Clayey Sand - as above, except: 1%+ glauconite.

530-540 Clay - yellowish gray (5Y 7/2); abundant sand; in clasts.

540-550 No sample.

550-560 Sand, Clayey - as above.

560-570 Sand, Clayey - as above, except: pale yellowish brown (10YR 5/2).

570-750 No samples.

750-760 Sand, Clayey - as above, except: some shell fragments.

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Depth
(feet)

760-770 Sand, Clayey - as above, except: pale yellow brown (10YR 5/2); abundant clay and sand; some clasts.

770-780 Sand, Clayey - as above, except: some shell fragments.

780-790 Sand, Clayey - as above.

790-800 Sand, Clayey - as above.

800-810 Sand, Clayey - as above, except: moderate amount sand clasts, abundant clay; some shell fragments.

810-820 Sand - as above, except: muscovite.

820-830 Sand - as above, except: 5% shell fragments.

830-840 Sand - as above, except: moderate clay; 3% shell fragments; muscovite.

840-850 Sand - as above.

850-860 Sand - as above.

860-870 Sand, Clayey - as above, except: light olive gray (5Y 6/1); abundant clay; moderate sand clasts; medium and coarse; some larger grains; poor sorting; sparse glauconite and shell fragments; mica.

870-880 Sand, Clayey - as above, except: garnet chips.

880-890 Clay, Sandy - as above, except: abundant clay clasts; abundant sand as above.

890-900 Sand, Clayey - as above, except: abundant clay; some shell fragments.

900-910 Sand, Clayey - as above.

910-920 Sand, Clayey - as above.

920-930 Sand, Clayey - as above.

930-940 Sand - as above, except: moderate clay in clasts; sand - medium; well sorted; quartz; 5% fine glauconite.

940-950 Sand - as above.

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Depth
(feet)

950-960 Sand - as above, except: very sparse clay; 1% shell fragments.

960-970 Sand - as above.

Logged by: J. K. Polzin
May 22, 1980