

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

INTERVAL SHEET

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C-368  
Well Repository No.: W-5520

Date rec'd:                      Date Processed: 9/21/79

Sample Interval: from 0 to: 980'

PROPERTY: Harvey Mears, Inc., Geothermal #57

Number of samples: 94

COMPANY: Gruy Federal

Total Depth: 1040'

COUNTY: Accomack (The Oaks)

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	620-630	920-930	-
30-40	330-340	630-640	930-940	-
40-50	340-350	640-650	940-950	-
50-60	350-360	650-660	950-960	-
60-70	360-370	660-670	960-970	-
70-80	370-380	670-680	970-980	-
80-90	380-390	680-690	-	-
90- <u>100</u>	390- <u>400</u>	690- <u>700</u>	-	-
100-110	400-410	700-710	-	-
110-120	410-420	710-720	-	-
120-130	420-430	720-730	-	-
130-140	430-440	730-740	-	-
140-150	440-450	<u>740-750</u>	-	-
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	540-550	840-850	-	-
250-260	550-560	850-860	-	-
260-270	560-570	860-870	-	-
270-280	570-580	870-880	-	-
280-290	-	880-890	-	-
290- <u>300</u>	-	890- <u>900</u>	-	-

Unwashed only.

Owner: Harvey Mears  
Driller: Gruy Federal  
County: Accomack (The Oaks)

W# 5520  
C# 368  
Total Depth: 980'  
Quad: Hallwood  
Elev: 35'

Depth  
(feet)

WELL LOG

0-10 Sand - yellowish gray (5Y 6/2); medium to very coarse; moderate sorting; sub-angular, quartz.

10-20 Sand - as above, except: few sand clasts; few phosphatic fragments.

20-30 Sand - as above, except: some granules.

30-40 Sand - as above, except: poorly sorted; more granules.

40-50 Sand - as above, except: 1% black phosphatic fragments.

50-60 Sand - as above.

60-70 Sand - as above, except: medium to very coarse; moderate sorting; gastropod.

70-80 Sand - as above.

80-90 Sand - as above; few shell fragments.

90-100 Sand - as above.

100-110 Clay - light olive gray (5Y 5/1); abundant clay clasts; sparse sand - as above; some shell fragments.

110-120 Clay-Gravel - light olive gray (5Y 5/1); abundant clay clasts; 50% gravel; no shells.

120-130 Clay - Gravel - as above.

130-140 Sand - as above, except: sparse clay; fine to very coarse; moderate sorting; 5% shell fragments; plant debris.

140-150 Sand - as above, except: 15% shell fragments.

150-160 Sand - as above.

160-170 Sand - as above, except: 7% shell fragments; pebbles.

170-180 Sand - as above, except: poorly sorted; no pebbles; 10% shell bits.

Depth  
(feet)

180-190 Sand - as above, except: sparse clay clasts; medium to very coarse; poorly sorted; 40% large coarse shell fragments.

190-200 Sand - as above, except: 10% glauconite; 7% shell fragments.

200-210 Sand - as above, except: some granules; 10% shell fragments.

210-220 Sand - as above, except: 25% shell fragments; 5% glauconite.

220-230 Sand - as above.

230-240 Sand - as above, except: sparse clay; moderate sand; medium to granule; poorly sorted; 7% glauconite; 20% shell fragments.

240-250 Sand - as above.

250-260 Sand - as above, except: 25% shell fragments.

260-270 Sand - as above, except: 40% shell fragments; Venicardia Altiasta.

270-280 Sand - as above.

280-290 Sand - as above, except: 30% shell fragments.

290-300 Sand - as above.

300-310 Sand - as above, except: 20% shell fragments.

310-320 Sand - as above: 10% shell fragments.

320-330 Sand - as above.

330-340 Sand - as above, except: 15% shell fragments.

340-350 Sand - as above, except: 20% shell fragments.

350-360 Sand - as above.

360-370 Sand - as above, except: 10% shell fragments.

370-380 Sand - as above, except: moderate clay in clasts; 5% shell fragments.

380-390 Sand - as above, except: 10% shell fragments.

390-400 Sand - as above, except: sparse clay; 5% shell fragments.

Depth  
(feet)

400-410 Sand - as above, except: medium; some granules; moderate sorting; 30% shell fragments.

410-420 Sand - as above, except: 5% glauconite; 10% shell fragments.

420-430 Sand - as above, except: 10% glauconite.

430-440 Sand - as above, except: moderate clay in clasts; medium to very coarse; poor sorting; 7% shell fragments; lignite.

440-450 Clay - as above, except: sparse sand; sparse shell fragments.

450-460 Sand - as above, except: sparse clay, 3% glauconite; 5% shell fragments.

460-470 Sand - as above, except: pebbles; muscovite mica.

470-480 Sand - as above, except: 7% glauconite.

480-490 Sand - as above.

490-500 Sand - as above, except: large pebbles.

500-510 Sand - as above, except: moderate clay, plant debris.

510-520 Sand - as above.

520-530 Sand - as above.

530-540 Clay, Sandy - as above, except: abundant clay and sand; 3% shell fragments.

540-550 Sand - as above, except: (5Y 5/2), sparse clay.

550-560 Sand - as above, except: large pebbles.

560-570 Sand - as above, except: moderate clay in clasts.

570-580 Sand - as above, except: 5% shell fragments.

580-620 No samples.

620-630 Sand - as above, except: very sparse clay; very fine to coarse; well sorted; quartz; glauconite; sparse shells.

630-640 Sand - as above.

Depth  
(feet)

640-650	Sand - as above.
650-660	Sand - as above.
660-670	Sand - as above.
670-680	Sand - as above.
680-690	Sand - as above.
690-700	Sand - as above, except: moderate sorting.
700-710	Sand - as above, except: 3% glauconite; 1% shell fragment.
710-720	Sand - as above.
720-730	Sand - as above.
730-740	Sand - as above, except: fine to granule.
740-750	Sand - as above, except: poorly sorted.
750-760	Sand - as above, except: sparse shell fragments.
760-770	Sand - as above.
770-780	Sand - as above; 1% shell fragments; mica.
780-790	Sand - as above; no shell fragments.
790-800	Sand - as above; (5Y 4/1); moderate clay; 5% shell fragments.
800-810	Sand - as above.
810-820	Sand - as above.
820-830	Sand - as above.
830-840	Sand - as above, except: 2% shell fragments.
840-850	Sand - as above.
850-860	Sand - as above.
860-870	Sand - as above, except: 3% shell fragments.
870-880	Sand - as above, except: 5% shell fragments.

Owner: Harvey Mears

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W# 5520

Depth  
(feet)

880-890 Sand, Clayey - as above, except: abundant clay in clasts.  
890-900 Sand, Clayey - as above, except: 1% shell fragments.  
900-910 Sand, Clayey - as above.  
910-920 Sand - as above, except: moderate clay.  
920-930 Sand - as above, except: 3% shell fragments.  
930-940 Sand - as above, except: 5% shell fragments.  
940-950 Sand - as above.  
950-960 Sand - as above.  
960-970 Sand - as above, except: 3% shell fragments.  
970-980 Sand - as above.

Logged by: J. K. Polzin  
May 28, 1980