

Water-Data Report 2011

375952085571401 Local number (WESTPOINT NO. 8 GAS WELL)

Silurian-Devonian aquifers
New Albany Shale

Hardin County, KY

LOCATION.--Lat 37°59'52", long 85°57'14" referenced to North American Datum of 1927, Hardin County, KY, Hydrologic Unit 05140104, Ft. Knox quadrangle, 100 ft west of gate to sewage treatment plant, 50 ft north of road. Owner: Resident.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 190 ft. Upper casing diameter 6.0 in; top of first opening undefined, bottom of last opening undefined.

DATUM.--Land-surface datum is 438.26 ft above National Geodetic Vertical Datum of 1929. Measuring point: Floor of shelter, 4.50 ft above land-surface datum, July 2, 2002, to present.

PERIOD OF RECORD.--April 1998 to current year.

GAGE.--Continuous recorder, 30 minute interval.

REMARKS.--Abandoned oil and gas exploration well.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 35.97 ft above land-surface datum, Jan. 12, 2004; lowest, 70.18 ft below land-surface datum, Aug. 1, 2011.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2010 TO SEPTEMBER 2011
DAILY OBSERVATION AT 1200 HOURS

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	67.60	---	---	68.85	67.63	64.79	64.36	62.14	64.65	68.03	70.12	68.77
2	67.81	---	---	68.98	67.57	64.72	64.62	62.13	64.74	68.18	70.08	68.63
3	67.97	---	---	68.92	67.68	64.65	64.95	62.07	64.94	68.15	69.93	68.42
4	68.18	---	---	68.54	67.30	64.41	64.84	62.03	65.20	68.26	69.97	68.28
5	68.45	---	---	68.29	66.74	64.15	65.01	62.03	65.29	68.38	70.04	68.16
6	68.50	---	---	67.95	66.79	64.13	64.99	61.91	65.46	68.39	70.10	68.06
7	68.63	---	---	67.72	66.86	64.08	64.75	62.01	65.62	68.48	70.12	68.04
8	68.74	---	---	67.85	67.11	64.02	64.38	62.12	65.71	68.46	70.03	67.94
9	68.77	---	---	68.33	67.28	63.69	64.20	62.31	65.92	68.64	69.96	67.77
10	68.83	---	---	68.50	67.23	63.44	64.11	62.43	66.10	68.70	69.98	67.67
11	68.77	---	---	68.37	67.24	63.32	64.04	62.62	66.16	68.80	70.10	67.60
12	68.77	---	---	68.54	67.23	63.08	63.92	62.81	66.31	68.89	70.10	67.70
13	68.99	---	---	68.75	67.18	63.16	63.66	62.83	66.53	68.87	70.01	67.61
14	69.21	---	---	68.65	67.09	63.16	63.45	62.78	66.62	68.96	69.95	67.58
15	69.20	---	---	68.46	67.27	62.95	63.24	62.96	66.61	69.07	69.93	67.55
16	69.53	---	69.62	68.42	67.22	63.05	63.01	63.20	66.72	69.17	69.95	67.60
17	69.67	---	69.76	68.30	67.14	63.02	63.26	63.36	66.91	69.35	70.01	67.57
18	69.79	---	69.81	68.07	67.07	62.98	63.26	63.37	66.91	69.44	69.86	67.49
19	---	---	69.78	68.12	67.17	63.26	63.22	63.57	66.93	69.39	69.70	67.40
20	---	---	69.73	68.17	66.97	63.37	63.20	63.65	67.06	69.29	69.71	67.33
21	---	---	69.55	68.16	66.58	63.40	63.31	63.57	67.07	69.34	69.62	67.29
22	---	---	69.55	68.02	66.55	63.44	63.06	63.48	67.07	69.47	69.61	67.40
23	---	---	69.74	68.05	66.38	63.30	62.96	63.46	66.94	69.59	69.62	67.37
24	---	---	69.65	68.00	66.03	63.57	62.73	63.46	67.14	69.68	69.48	67.34
25	---	---	69.44	68.01	65.68	63.79	62.20	63.45	67.36	69.69	69.33	67.34
26	---	---	69.36	67.88	65.25	63.82	61.90	63.43	67.52	69.75	69.34	67.07
27	---	---	69.44	67.92	64.81	63.85	61.65	63.58	67.53	69.77	69.15	67.04
28	---	---	69.43	67.77	64.51	63.93	61.69	63.68	67.67	69.80	68.96	67.18
29	---	---	69.28	67.67	---	64.06	62.09	63.82	67.91	69.95	68.89	67.20
30	---	---	69.09	67.70	---	64.10	62.26	64.20	67.96	70.05	68.93	67.24
31	---	---	69.01	67.77	---	64.26	---	64.42	---	70.09	68.82	---
Max	69.79	---	69.81	68.98	67.68	64.79	65.01	64.42	67.96	70.09	70.12	68.77
Min	67.60	---	69.01	67.67	64.51	62.95	61.65	61.91	64.65	68.03	68.82	67.04

Water Year 2011	
High	61.65
Low	70.12

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