ONR 7802.96

TYPE OR USE PEN
SELF TRANSCRIBING
PRESS HARD

WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources
Division of Water, 1939 Fountain Square Drive
Columbus, Ohio 43224-9971 Voice (614) 265-6739 Fax (614) 447-9503

Pg 1 864886

WELL LOCATION

County Hocking Township Perry

Owner/Builder (Circle One or Both) James First Hart Last

Address of Well Location 18554 Number Happy Hollow Rd. Street Name

City Laurelville Zip Code +4 43135

Permit No. 176-01 Section/Lot No. (Circle One or Both)

Location of Well in State Plane coordinates, if available Use of Well Single Family

N [ ] X . +/- ft. c m

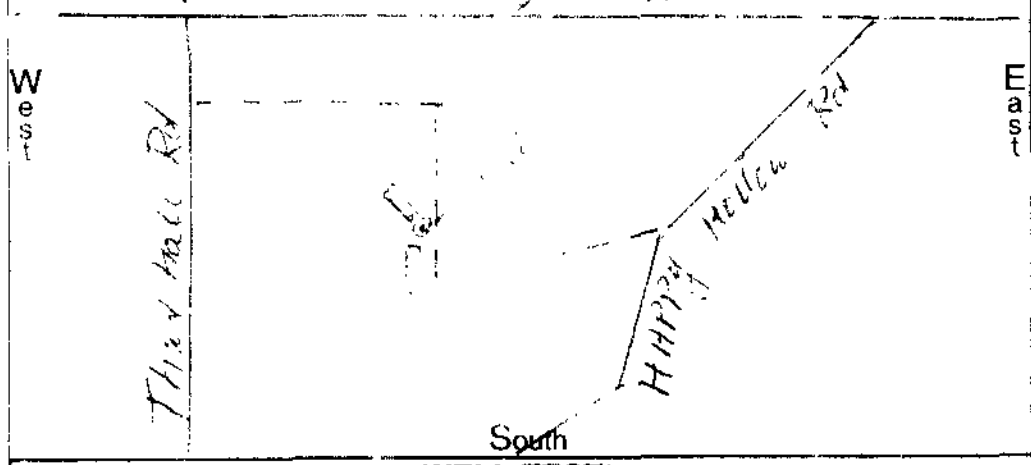
S [ ] Y . +/- ft. c m

Elevation of Well +/- ft. c m

Datum Plain: [ ] NAD27 [ ] NAD83 Elevation Source

Source of Coordinates: [ ] GPS [ ] Survey [ ] Other

Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat: Long:



CONSTRUCTION DETAILS

[X] Rotary [ ] Cable [ ] Augered [ ] Driven [ ] Other

BOREHOLE/CASING (measured from ground surface)

1 [ ] Borehole Diameter 5 1/2 inches Depth 137 ft.
Casing Diameter 5 in. Length 139 ft. Thickness SDR 21 in.

2 [ ] Borehole Diameter inches Depth ft.
Casing Diameter in. Length ft. Thickness in

Casing Height Above Ground ft.

Type 1 [ ] 2 [ ] Steel 1 [ ] 2 [ ] Galv. 1 [X] 2 [ ] PVC 1 [ ] 2 [ ] Other

Joints 1 [ ] 2 [ ] Threaded 1 [ ] 2 [ ] Welded 1 [ ] 2 [ ] Solvent 1 [ ] 2 [ ] Other SPLINE LOCK

SCREEN

Diameter Slot Size Screen Length ft.
Type Material
Set Between ft. and ft.

GRAVEL PACK (Filter Pack)

Material/Size Volume/Weight Used
Method of Installation
Depth: Placed FROM ft. TO ft

GROUT

Material Bentonite Grout Volume/Weight Used 400 lb
Method of Installation Pumped Through Tremie Pipe
Depth: Placed FROM 127 ft. TO Surface ft

DRILLING LOG*

INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.

Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand, etc.	From	To
BROWN Clay	0	25
Soft GRAY SHALE	25	34
BROWN Clay	34	46
BROWN Sandstone	46	65
Sandy GRAY SHALE	65	103
BROWN SANDSTONE	103	116
Sandy GRAY SHALE	116	145
BROWN SANDSTONE	145	150
GRAY SANDSTONE	150	190
SANDY GRAY SHALE	190	210
GRAY Sandstone	210	220
DARK GRAY SHALE	220	240

*(If more space is needed to complete drilling log, use next consecutively numbered form.)

Date of Well Completion 4-23-02 Total Depth of Well 240 ft

WELL TEST*

Pre-Pumping Static Level 148 ft. Date 4-24-02

Measured from: [ ] Top of Casing [X] Ground Level [ ] Other

[X] Air [ ] Bailing [ ] Pumping* [ ] Other

Test Rate 1/2 gpm Duration of Test 1 1/2 hrs.

Feet of Drawdown 72 ft Sustainable Yield 5 gpm

*Attach a copy of the pumping test record, per section 1521.05, ORC)

Copy Attached? [X] Yes [ ] No Flowing Well? [ ] Yes [X] No

Quality

PUMP/PITLESS

Type of pump Capacity gpm

Pump set at ft Pitless Type Pull Thru

Pump installed by J. Hart

I hereby certify the information given is accurate and correct to the best of my knowledge.

Drilling Firm HART'S WATER WELL DRLG

Address PO BOX 27

City, State, Zip Laurelville OHIO 43135

Signed J. Hart Date 4-27-02

ODH Registration Number 1541

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling

ORIGINAL COPY TO ODNR, DIVISION OF WATER, 1939 FOUNTAIN SQ. DRIVE, COLS., OHIO 43224-9971

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy

Pg 2 864886

PUMPING TEST RECORD
ODNR-Division of Water
Ground-Water Resources Section

Page No. ___

Owner JAMES HART Address ~~P.O. Box~~ 18539 HAPPY HOLLOW RD.

County Hocking Township PERRY

Date 4-23-02 (Test Started) / (Test Ended) ODNR Log# 864886 Other Well ID ___

Company Conducting Test HART'S WATER WELL Individual Making Measurements ___

Type of Test Water Extraction Distance From Pumping Well 300'

Measuring Equipment Used Air LIFT

Static Water Level (S_0) 148 Measuring Point ___ Elevation Above Ground ___

Date	Clock Time (Use Military Time)	Time Since Pumping Started (In Minutes)	Depth to Water (S)	Change in Water Level ($S - S_0$)	Discharge Rate (GPM)	Comments (Include Weather Conditions)
4-23	16:00	0	148'			
4	16:15	1 15	350		1/2	Cloudy
	16:30	2 15	350		1/2	Clear
	16:45	3 15	350		1/2	"
	16:55	4 10	350		1/2	"
	17:10	5 15	350		1/2	"
	17:20	6 10	350		1/2	"
	17:30	7 10	350		1/2	"
		8				
		9				
		10				
		11				
		12				
		13				
		14				
		15				
		20				
		25				
		30				
		35				
		40				
		45				
		50				
		55				
		60 (1hr)				
		90				
		120 (2hr)				
		150				
		180 (3hr)				
		240 (4hr)				

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MAY 29 2002
ODNR-DIVISION OF WATER
WATER RESOURCES SECTION