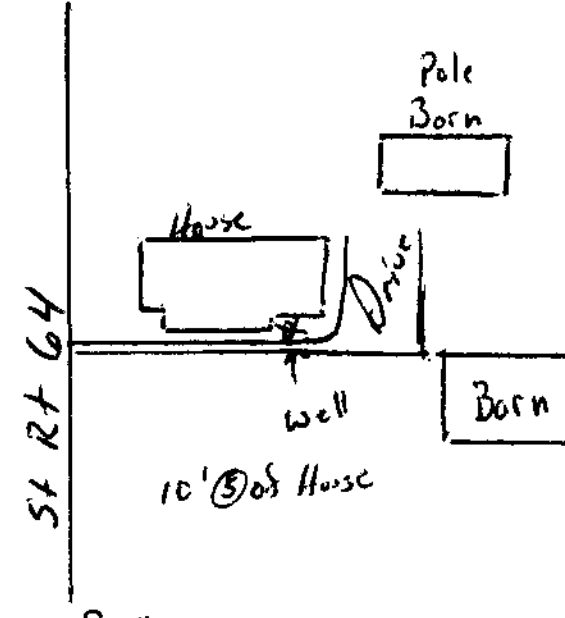


TYPE OR USE PEN
SELF TRANSCRIBING
PRESS HARD

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

859444

WELL LOCATION	CONSTRUCTION DETAILS																														
County <u>Fulton</u> Township <u>Fulton</u> Owner/Builder <u>Dennis Schwyn</u> (Circle One or Both) Address of Well Location <u>10472</u> <u>ST RT 64</u> Number Street Name City <u>Swanton</u> Zip Code +4 <u>43558</u> Permit No. _____ Section/Lot No. _____ (Circle One or Both) Location of Well in State Plane coordinates, if available: Use of Well _____ N ☐ X _____ +/- _____ ft. or m S ☐ Y _____ +/- _____ ft. or m Elevation of Well _____ +/- _____ ft. or m Datum Plain: ☐ NAD27 ☐ NAD83 Elevation Source _____ Source of Coordinates: ☐ GPS ☐ Survey ☐ Other _____	☐ Rotary ☒ Cable ☐ Augered ☐ Driven ☐ Other _____ BOREHOLE/CASING (measured from ground surface) 1 ☐ Borehole Diameter _____ inches Depth _____ ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in. 2 ☐ Borehole Diameter _____ inches Depth _____ ft. Casing Diameter <u>5</u> in. Length <u>105 1/2</u> ft. Thickness <u>.258</u> in. Casing Height Above Ground <u>one</u> ft. Type 1 ☒ Steel 1 ☐ Galv. 1 ☐ PVC 1 ☐ Other _____ 2 ☐ 2 ☐ 2 ☐ 2 ☐ Other _____ Joints 1 ☒ Threaded 1 ☐ Welded 1 ☐ Solvent 1 ☐ Other _____ 2 ☐ 2 ☐ 2 ☐ 2 ☐ Other _____ 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 <u>#8 Mesh</u> Volume/Weight Used <u>100 #</u> Method of Installation <u>Direct Pour while Driving Casings</u> Depth: Placed FROM _____ ft. TO _____ ft.																														
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: _____ North  South	DRILLING LOG* INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED. Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand, etc. <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>From</th> <th>To</th> </tr> </thead> <tbody> <tr> <td><u>Yellowish Sandy Clay</u></td> <td><u>0</u></td> <td><u>8</u></td> </tr> <tr> <td><u>Light Grey Clay</u></td> <td><u>8</u></td> <td><u>32</u></td> </tr> <tr> <td><u>" " " Small Gravel</u></td> <td><u>32</u></td> <td><u>73</u></td> </tr> <tr> <td><u>Sticky Darker Clay</u></td> <td><u>73</u></td> <td><u>82</u></td> </tr> <tr> <td><u>Light Grey Clay / Gravel mix</u></td> <td><u>82</u></td> <td><u>91</u></td> </tr> <tr> <td><u>Silt Sand med course Sand / mix</u></td> <td><u>91</u></td> <td><u>93</u></td> </tr> <tr> <td><u>Light Grey Hard Pan</u></td> <td><u>93</u></td> <td><u>94</u></td> </tr> <tr> <td><u>Silt - med course Sand - Gravel / mix</u></td> <td><u>94</u></td> <td><u>104</u></td> </tr> <tr> <td><u>Black Shale</u></td> <td><u>104</u></td> <td><u>105.5"</u></td> </tr> </tbody> </table> <u>at 91-92' also Natural Gas</u> <u>Gas Back from 94'-105.5"</u>		From	To	<u>Yellowish Sandy Clay</u>	<u>0</u>	<u>8</u>	<u>Light Grey Clay</u>	<u>8</u>	<u>32</u>	<u>" " " Small Gravel</u>	<u>32</u>	<u>73</u>	<u>Sticky Darker Clay</u>	<u>73</u>	<u>82</u>	<u>Light Grey Clay / Gravel mix</u>	<u>82</u>	<u>91</u>	<u>Silt Sand med course Sand / mix</u>	<u>91</u>	<u>93</u>	<u>Light Grey Hard Pan</u>	<u>93</u>	<u>94</u>	<u>Silt - med course Sand - Gravel / mix</u>	<u>94</u>	<u>104</u>	<u>Black Shale</u>	<u>104</u>	<u>105.5"</u>
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WELL TEST* Pre-Pumping Static Level <u>43 1/2</u> ft. Date <u>2-13-98</u> Measured from: ☐ Top of Casing ☒ Ground Level ☐ Other _____ ☐ Air ☒ Bailing ☐ Pumping* ☐ Other _____ Test Rate <u>5-6</u> gpm Duration of Test <u>2</u> hrs. Feet of Drawdown <u>98</u> ft. Sustainable Yield <u>5</u> gpm *(Attach a copy of the pumping test record, per section 1521.05, ORC) Is Copy Attached? ☐ Yes ☐ No Flowing Well? ☐ Yes ☐ No Quality <u>Clear, Sweet</u>																															
PUMP/PITLESS Type of pump <u>Sub</u> Capacity <u>12 res. 5</u> gpm Pump set at <u>100</u> ft. Pitless Type <u>Merrell</u> Pump installed by <u>Dennis Tappie Well Drilling</u> I hereby certify the information given is accurate and correct to the best of my knowledge. Drilling Firm <u>DENNIS TAPPIE WELL DRILLING SERVICE</u> Address <u>2042 N. WILKINS RD.</u> City, State, Zip <u>SWANTON, OH 43558-0445</u> Signed <u>[Signature]</u> Date <u>2-16-98</u> ODH Registration Number <u>02333</u>																															

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

Date of Well Completion 2-14-98 Total Depth of Well 105.5" ft.