LOCATION OF WATER WELL:   Fraction   Section Number   Township Number   Range Num   Township Number   Town
Distance and direction from nearest town or city street address of well if located within city?    MI
WATER WELL OWNER: ARCO Portine Company  RR#, St. Address, Box #: ARCO Building Board of Agriculture, Division of Water Application Number:  LOCATE WELL'S LOCATION WITH 4 DEPTH OF COMPLETED WELL. ft. ELEVATION:  AN 'X' IN SECTION BOX:  Depth(s) Groundwater Encountered 1 ft. 2 ft. 3.  WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr  Pump test data: Well water was ft. after hours pumping.  Bore Hole Diameter 10 ft. in. to ft. and in. to  WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  1 Domestic 3 Feediot 6 Oil field water supply 9 Dewatering 12 Other (Specify be 2 Irrigation 4 Industrial 7 Lawn and garden only Water Well Disinfected? Yes  TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped Water Well Disinfected? Yes (No)  TYPE OF SCREEN OR PERFORATION MATERIAL:  1 Steel 3 Stainless steel 5 Fiberglass  BORT Of Agriculture, Division of Water Application Number:  AN 'X' IN SECTION WITH 4 DEPTH OF COMPLETED WELL. ft. ELEVATION:  An 'X' IN SECTION BOX:  Depth(s) Groundwater Encountered 1 ft. 2 ft. 3.  WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  1 Domestic 3 Feediot 6 Oil field water supply 9 Dewatering 12 Other (Specify be  Water Well Disinfected? Yes (No)  Water Well Disinfected? Yes (No)  Water Well Disinfected? Yes (No)  Threaded)  Well water was ft. after hours pumping 11 Injection well  Water Well Disinfected? Yes (No)  Water Well Disinfected? Yes (No)  Threaded)  Threaded  Threaded  Threaded  Threaded  SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (Specify)  10 Asbestos-cement 11 None (open 11 None (open 12 None was open hole)  SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 9 Drilled holes  1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes  1 Continuous slot 4 Key punched 7 Torch cut 10 Other (Specify)  SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 9 Drilled holes  1 Continuous slot 4 Key punched 7 Torch cut
WATER WELL OWNER: ARCO Building Board of Agriculture, Division of Water Application Number:    College
WATER WELL OWNER: ARCO Building Board of Agriculture, Division of Water Application Number:    College
Board of Agriculture, Division of Water Application Number:    LOCATE WELL'S LOCATION WITH AN X" IN SECTION BOX:   Depth of COMPLETED WELL.   ft. ELEVATION:   AN X" IN SECTION BOX:   Depth (s) Groundwater Encountered 1   ft. 2   ft. 3     AN X" IN SECTION BOX:   Depth (s) Groundwater Encountered 1   ft. 2   ft. 3     AN X" IN SECTION BOX:   Depth (s) Groundwater Encountered 1   ft. 2   ft. 3     AN X" IN SECTION BOX:   Depth (s) Groundwater Encountered 1   ft. 2   ft. 3     AN X" IN SECTION BOX:   Depth (s) Groundwater Encountered 1   ft. 2   ft. 3     AN X" IN SECTION BOX:   Depth (s) Groundwater Encountered 1   ft. 2   ft. 3   AN X" IN SECTION BOX:   Depth (s) Groundwater Encountered 1   ft. 2   ft. 3     AN X" IN SECTION BOX:   Depth (s) Groundwater Encountered 1   ft. 2   ft. 3     AN X" IN SECTION BOX:   Depth (s) Groundwater Encountered 1   ft. 2   ft. 3     AN X" IN SECTION BOX:   Depth (s) Groundwater Encountered 1   ft. 2   ft. 3     AN X" IN SECTION BOX:   Depth (s) Groundwater Encountered 1   ft. 2   ft. 3     AN X" IN SECTION BOX:   Depth (s) Groundwater Encountered 1   ft. 2   ft. 3     An X" IN SECTION BOX:   File of the section
City, State, ZIP Code  LOCATE WELL'S LOCATION WITH  AN "X" IN SECTION BOX:  Depth(s) Groundwater Encountered 1. ft. ELEVATION:  Depth(s) Groundwater Encountered 1. ft. below land surface measured on mo/day/yr  WELL'S STATIC WATER LEVEL.
LOCATE WELL'S LOCATION WITH 4 DEPTH OF COMPLETED WELL. ft. ELEVATION:  AN "X" IN SECTION BOX:  Depth(s) Groundwater Encountered 1. ft. 2. ft. 3.  WELL'S STATIC WATER LEVEL. ft. below land surface measured on mo/day/yr 2.44 ft. after hours pumping 2.45 ft. after hours pumping 3.45 ft. after hours pumping 4.45 ft. and in. to 4.45 ft. and in. to 5.45 ft. and in. to 5.45 ft. and in. to 6.45 ft. and in. to 7.45 ft. and in. to 7
Depth(s) Groundwater Encountered 1
Pump test data: Well water was ft. after hours pumping Est. Yield gpm: Well water was ft. after hours pumping Bore Hole Diameter 10 4 in to 10 more supplied by the second pumping set. Yield gpm: Well water was ft. after hours pumping lest. Yield gpm: Well water was ft. after hours pumping lest. Yield gpm: Well water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify be 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well was a chemical/bacteriological sample submitted to Department? Yes low low lift yes, mo/day/yr sample water well Disinfected? Yes low low leded low
Est. Yield gpm: Well water was ft. after hours pumping.  Bore Hole Diameter 10 4 in. to 40 ft., and in. to  WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well  1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify be 2 Irrigation 4 Industrial 7 Lawn and garden only Water Well Disinfected? Yes No  TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped with the concentration of the concentr
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify be 2 Irrigation 4 Industrial 7 Lawn and garden only Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No Water Well Disinfected? Yes No  TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped Water Well Disinfected? Yes No  TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped PPVC 4 ABS 7 Fiberglass Theaded Blank casing diameter in. to ft., Dia in. to ft., Dia in. to Casing height above land surface y in., weight weight Ibs./ft. Wall thickness or gauge No yet ft.  TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole) 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) 10 Other (specify) 10 Other (specify) 11 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 1 Other (specify) 11 Other (specify) 12 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 1 Other (specify) 11 Other (specify) 12 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 1 Other (specify) 11 Other (specify) 12 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 1 Other (specify) 13 CREEN-PERFORATED INTERVALS: From ft. to ft., From
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify be 2 Irrigation 4 Industrial 7 Lawn and garden only Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No Water Well Disinfected? Yes No TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded Stank casing diameter 1 in. to 8 ft., Dia in. to 1 in. to 2 in. weight 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify) 12 None used (open hole) 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes 1 Other (specify) 10 Other (specify) 10 Other (specify) 11 None (open 1 Continuous slot 3 Mill slot) 6 Wire wrapped 9 Drilled holes 1 Other (specify) 10 Other (specify) 10 Other (specify) 11 None (open 1 Continuous slot 3 Mill slot) 6 Wire wrapped 9 Drilled holes 1 Other (specify) 10 Other (specify) 11 Other (specify) 11 None (open 1 Continuous slot 3 Mill slot) 6 Wire wrapped 9 Drilled holes 1 Other (specify) 10 Other (specify) 10 Other (specify) 11 None (open 1 Continuous slot 3 Mill slot) 6 Wire wrapped 9 Drilled holes 1 Other (specify) 10 Other (specify) 10 Other (specify) 11 None (specify) 12 None used (specify) 12 None used (specify) 13 None used (specify) 13 None used (specify) 14 None used (specify) 15 None us
1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify be 2 Irrigation 4 Industrial 7 Lawn and garden only Monitoring well water Well Disinfected? Yes No Welded Casing diameter 7 Fiberglass 7 Fiberglass 7 Fiberglass 7 Fiberglass 8 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded 1 Disinfected? Yes No Welded 1 Disinfected? Yes
2 Irrigation 4 Industrial 7 Lawn and garden only Monitoring well.  Was a chemical/bacteriological sample submitted to Department? Yes
Was a chemical/bacteriological sample submitted to Department? Yes   No   Mater Well Disinfected? Yes   No
TYPE OF BLANK CASING USED:  1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below)  2 PVC 4 ABS 7 Fiberglass  Blank casing diameter 7 in to 8 ft., Dia in to 10 Asbestos-cement 11 Other (specify)  2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)  3 CREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open 11 Continuous slot 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)  5 CREEN-PERFORATED INTERVALS: From 5 ft. to 5 ft., From 5 ft. to 6 ft., From 5 ft. to 7 ft., From 5 ft., Fr
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded
A ABS 7 Fiberglass 8 FMP (SR) 10 Asbestos-cement 10 Asbestos-cement 10 Asbestos-cement 10 Asbestos-cement 11 Other (specify) 11 Other (specify) 12 Brass 14 Galvanized steel 15 Fiberglass 15 Fiberglass 12 None used (open hole) 15 Gauzed wrapped 15 Gauzed wrapped 16 Wire wrapped 17 Forch cut 17 Other (specify) 18 Saw cut 11 None (open 11 Continuous slot 15 Mill slot 16 Wire wrapped 17 Torch cut 10 Other (specify) 10 Other (sp
Blank casing diameter
Casing height above land surface 2.4. in., weight lbs./ft. Wall thickness or gauge No. Selective PVPE OF SCREEN OR PERFORATION MATERIAL:  1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
Casing height above land surface 2.4 in., weight lbs./ft. Wall thickness or gauge No. Selective TYPE OF SCREEN OR PERFORATION MATERIAL:  1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
TYPE OF SCREEN OR PERFORATION MATERIAL:  1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
2 Brass       4 Galvanized steel       6 Concrete tile       9 ABS       12 None used (open hole)         SCREEN OR PERFORATION OPENINGS ARE:       5 Gauzed wrapped       8 Saw cut       11 None (open hole)         1 Continuous slot       3 Mill slot       6 Wire wrapped       9 Drilled holes         2 Louvered shutter       4 Key punched       7 Torch cut       10 Other (specify)         SCREEN-PERFORATED INTERVALS:       From.       2 3       ft. to       ft., From       ft. to         From.       ft. to       ft., From       ft. to       ft. to
SCREEN OR PERFORATION OPENINGS ARE:         5 Gauzed wrapped         8 Saw cut         11 None (open           1 Continuous slot         3 Mill slot         6 Wire wrapped         9 Drilled holes           2 Louvered shutter         4 Key punched         7 Torch cut         10 Other (specify)           SCREEN-PERFORATED INTERVALS:         From.         2 3         ft. to.         ft., From.         ft. to.           From.         ft. to.         ft., From.         ft. to.         ft. to.         ft. from.         ft. to.
1 Continuous slot       3 Mill slot       6 Wire wrapped       9 Drilled holes         2 Louvered shutter       4 Key punched       7 Torch cut       10 Other (specify)         SCREEN-PERFORATED INTERVALS:       From       2 3       ft. to       ft., From       ft. from       ft. to
2 Louvered shutter       4 Key punched       7 Torch cut       10 Other (specify)         SCREEN-PERFORATED INTERVALS:       From       2 3       ft. to       ft., From       ft. from       ft. to         From       ft. to       ft., From       ft. ft.
CREEN-PERFORATED INTERVALS: From 2.3
From
From ft. to ft., From ft. to
GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
Grout Intervals: From
What is the nearest source of possible contamination:  10 Livestock pens  14 Abandoned water v
1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other specify below
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 5 Judge 17. c. o
Direction from well? How many feet?
FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS
0 10 Clay, W/ Grave (0-2')
15:174.
10 40 Dry Shale
CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction
CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and this record is true to the best of my knowledge and belie