

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

TA-95-2048

please type

fill in this form completely

OWNER INFORMATION

Received (APA) 7/11/15
Last Name: Brennan, Owner: George, First Name: George, Street or RFD: 33376 Fox Rd, State: MD, Zip: 21601, Town: Eastern

LOCATION OF WELL

Talbot COUNTY, 23 SUBDIVISION, SECTION 44 46, LOT 48 50, NEAREST TOWN: Eastern

DRILLER INFORMATION

Driller's Name: Michael T. Hall, License No.: M W D 461, Firm Name: Shannahan Artesian Well Co., LLC, Address: P.O. Box 730, St. Michael's, MD 21663, Signature: Michael T. Hall, Date: 7/11/15

SOURCES OF DRILLING WATER

1. Shop Well

33376 Fox Rd STREET ADDRESS, ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX), DISTANCE FROM ROAD: 432 FT, TAX MAP: 20, BLK: 20, PARCEL: 11

WELL INFORMATION, APPROX. PUMPING RATE (GAL. PER MIN.): 10, AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 100

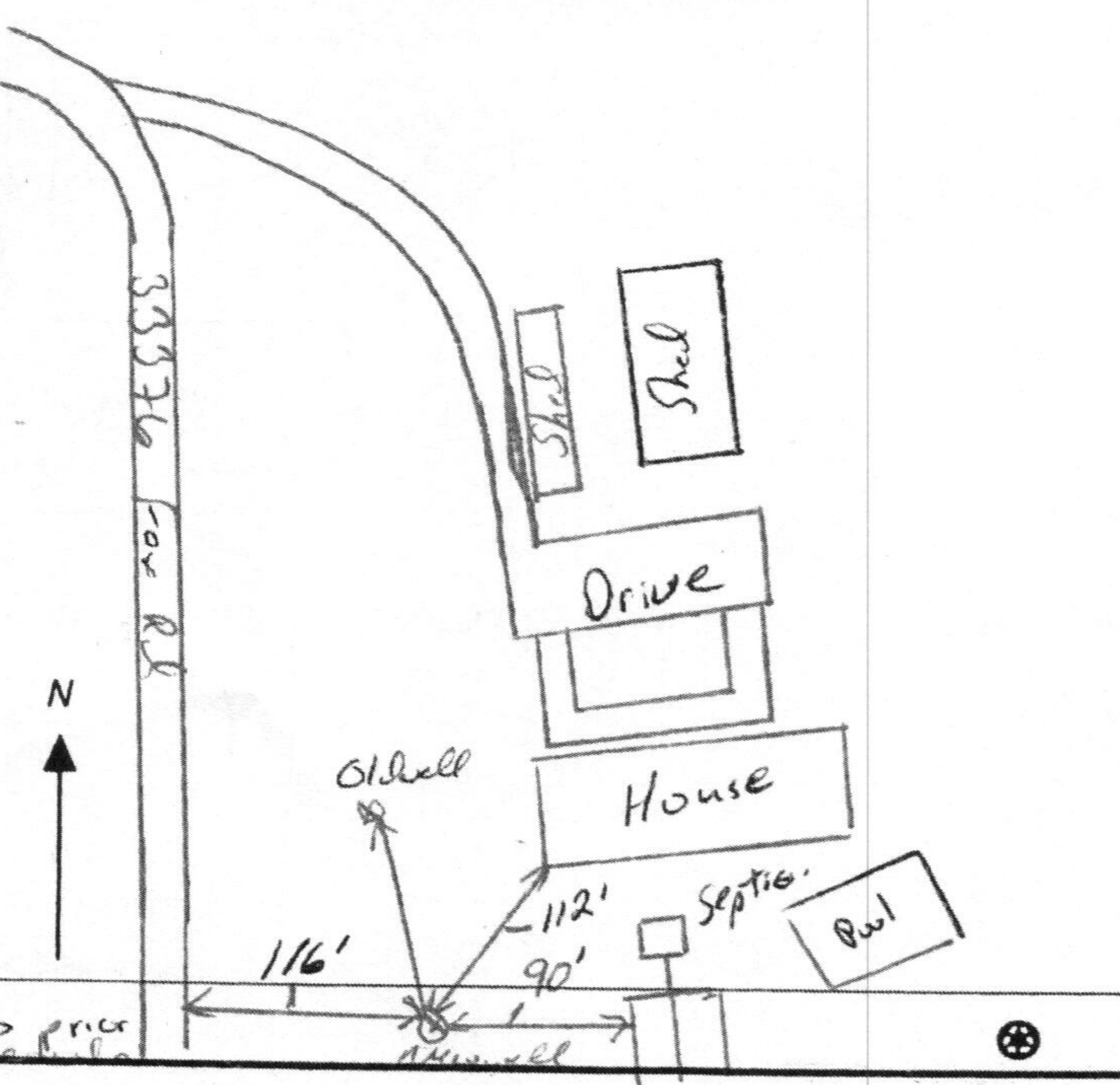
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Talbot COUNTY NO. 20, STATE SIGNATURE, DATE ISSUED: 7/11/15, CO SIGNATURE: A-US-R.S., EXP. DATE: 7/11/15

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled), FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION), INDUSTRIAL, COMMERCIAL, DEWATERING, PUBLIC WATER SUPPLY WELL, TEST, OBSERVATION, MONITORING, OPEN LOOP GEOTHERMAL, CLOSED LOOP GEOTHERMAL

PROPOSED LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES SUCH AS BUILDINGS, SEPTIC SYSTEM, ROADS AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCE MEASUREMENTS TO WELL



APPROXIMATE DEPTH OF WELL: 138 FEET, APPROXIMATE DIAMETER OF WELL: 4 INCH, NEAREST TOWN: Talbot

METHOD OF DRILLING (circle one)

BORED (or Augered), JETTED, Jetted & DRIVEN, AIR-ROTary, AIR-PERCussion, ROTARY (Hydraulic Rotary) (circled), CABLE, REVERSE-ROTary, DRIVE-POINT

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL, Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED, S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS, D THIS WELL WILL DEEPEM AN EXISTING WELL, PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE): 41

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER: G, PERMIT No.: TA-95-2048

SPECIAL CONDITIONS: Please call office 24 hours prior to scheduling a grant inspection @ COUNTY

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER 20-20-11

USE ONLY Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

MM DD YY 10 01 14

22 140 26 (TO NEAREST FOOT)

JA-95-2048

OWNER BRENNAN, GEORGE D. WELL SITE ADDRESS 3376 FOX ROAD TOWN EASTON, MD 21601

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include SURFACE SOIL, STICKY GRAY CLAY, GRAVEL/STONES, GRAY/GREEN CLAY, BROWN/GRAY CLAY, FINE GRAY SAND W/SOME SHELL.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N) TYPE OF GROUTING MATERIAL (Cement CM, Bentonite Clay BC) NO. OF BAGS 4.5 NO. OF POUNDS 225 GALLONS OF WATER 112.50 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 85 ft.

CASING RECORD

MAIN CASING TYPE PL Nominal diameter top (main) casing (nearest inch) 4 Total depth of main casing (nearest foot) 120

OTHER CASING (if used) diameter inch depth (feet) from to

SCREEN RECORD

DEPTH (nearest ft.)

Table with columns: E, A, C, H, S, C, R, E, N. Rows for casing sections with diameters and depths.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.) TELESCOPE CASING LOG INDICATOR OTHER DATA

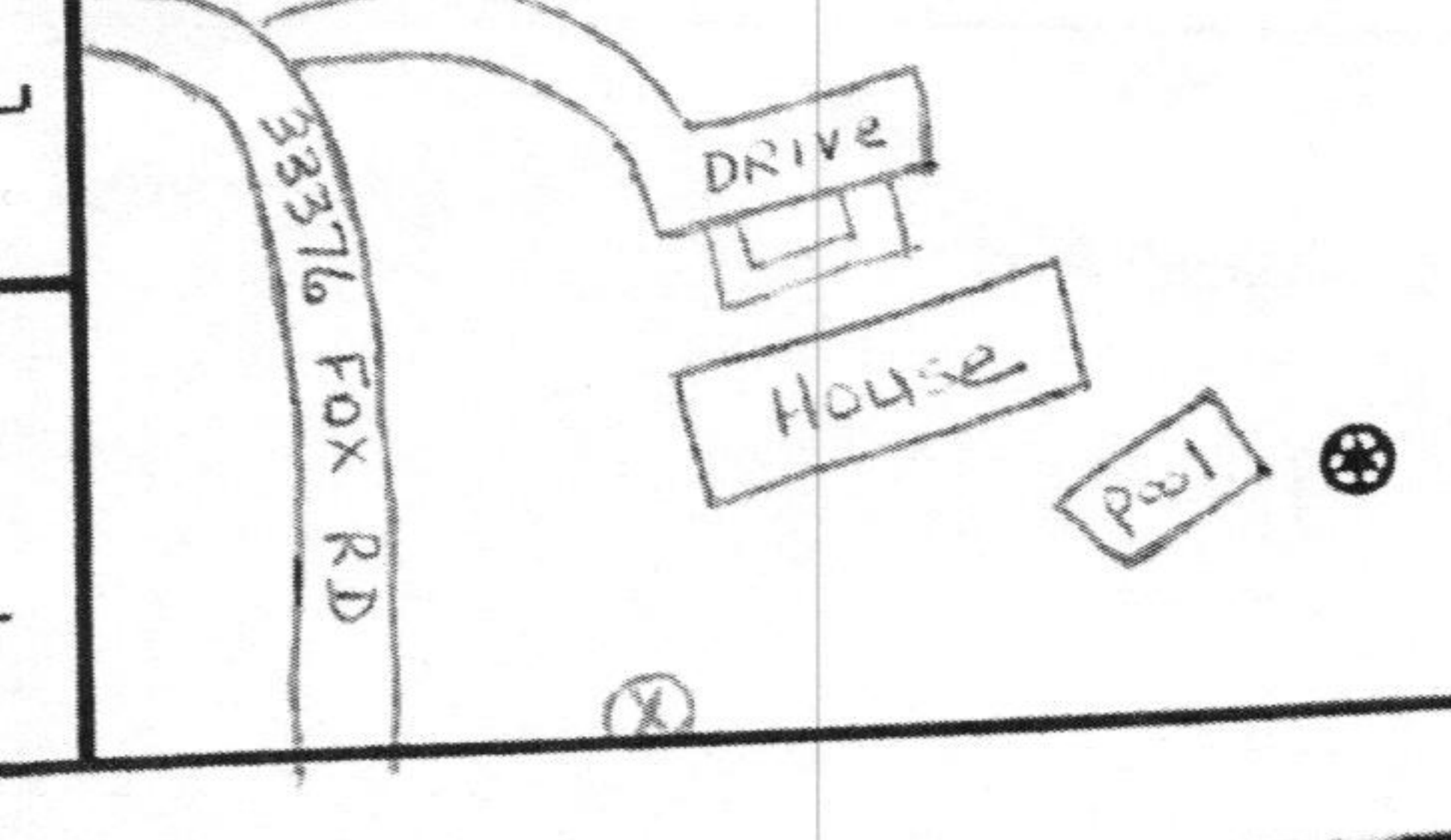
PUMPING TEST

HOURS PUMPED (nearest hour) 3/8 9 PUMPING RATE (gal. per min.) 11 METHOD USED TO MEASURE PUMPING RATE TIME LAPSE WATER LEVEL (distance from land surface) BEFORE PUMPING 33 ft. WHEN PUMPING 42 ft. TYPE OF PUMP USED (for test) Air, piston, turbine, centrifugal, rotary, other, jet, submersible.

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29. CAPACITY: GALLONS PER MINUTE (to nearest gallon) 25 PUMP HORSE POWER 1.0 PUMP COLUMN LENGTH (nearest ft.) 80 CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot) 1

LATITUDE 38.820590 LONGITUDE 75.907740 (DEFAULT COORD. WGS 84) NOTES:



DRILLERS LIC. NO. MW D4 6 L 1 DRILLERS SIGNATURE LIC. NO. D SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)