

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

45,769

1 LOCATION OF WATER WELL: County: Stevens Fraction 1/4 SE 1/4 NE 1/4 SE 1/4 Section Number 23 Township No. T 32 S Range Number R 37 E W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here . Approx. 10 miles Southwest of Moscow, KS.

2 WATER WELL OWNER: Mike Willis Farms
RR#, Street Address, Box #: HC 1 Box 3D
City, State, ZIP Code : Huqoton, KS 67951

Global Positioning System (GPS) information:
Latitude: 37.24762 (in decimal degrees)
Longitude: 101.30352 (in decimal degrees)
Elevation: 3094
Datum: WGS 84, NAD 83, NAD 27
Collection Method:
 GPS unit (Make/Model: Magel/Triton 300)
 Digital Map/Photo, Topographic Map, Land Survey
Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

3 LOCATE WELL WITH AN "X" IN SECTION BOX:

N
W | | E
--NW-- --NE--
| |
--SW-- --SE--
| |
S
-----1 mile-----

4 DEPTH OF COMPLETED WELL 335 ft.
Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL 165 ft. below land surface measured on mo/day/yr. 10/23/09
Pump test data: Well water was 236 ft. after..... hours pumping. 400 gpm
EST. YIELD..... gpm. Well water was..... ft. after..... hours pumping..... gpm
Bore Hole Diameter 24 in. to 335 ft., and..... in. to..... ft.
WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring well
Was a chemical/bacteriological sample submitted to Department? Yes No
If yes, mo/day/yr sample was submitted.....
Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other.....
CASING JOINTS: Glued Clamped Welded Threaded
Casing diameter .16 in. to .335 ft., Diameter..... in. to..... ft., Diameter..... in. to..... ft.
Casing height above land surface 12 in., Weight 42.09 lbs./ft., Wall thickness or gauge No. 250
TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify).....
 Brass Galvanized Steel None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify).....
SCREEN-PERFORATED INTERVALS: From 195 ft. to 295 ft., From..... ft. to..... ft.
From..... ft. to..... ft., From..... ft. to..... ft.
GRAVEL PACK INTERVALS: From 20 ft. to 335 ft., From..... ft. to..... ft.
From..... ft. to..... ft., From..... ft. to..... ft.

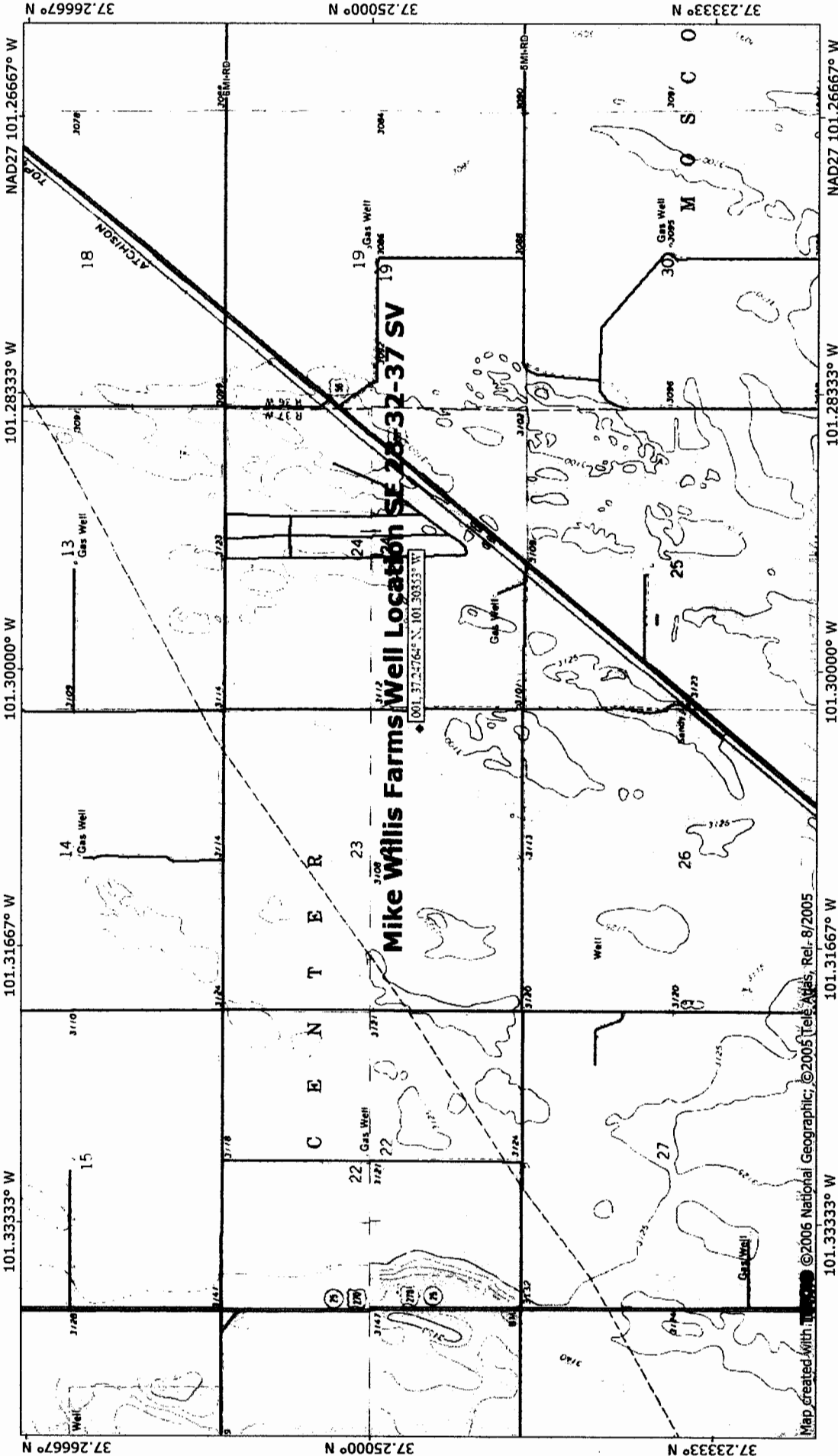
6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other.....
Grout Intervals: From 0' ft. to 20 ft., From..... ft. to..... ft., From..... ft. to..... ft.
What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well
Direction from well..... Distance from well.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0'	16'	Blow Sand	222'	253'	Sand Fn. to Md. Crs., few Brwn rock
16'	35'	Sand - Fine	253'	275'	Brown Clay, few Sands
35'	54'	Sand Fn. to Md. Coarse, Sml. Grvl.	275'	295'	Brown Sandy Clay
54'	62'	Brown Clay	295'	323'	Brown/White Sandy Clay
62'	115'	Sand Fine, Mixed Clays	323'	348'	Brown/Yellow Clay - Sticky
115'	135'	Brown Clay, Limerock			
135'	155'	Brown/White Clay, Limerock, Cement			
155'	165'	Sand Fn. to Md.			
165'	195'	Brown Clay, few limerock			
195'	222'	Sand Fn. to Md. Coarse, few Sml. Gr			

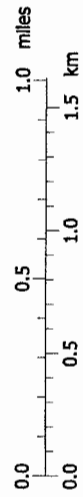
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 10/23/09 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145. This Water Well Record was completed on (mo/day/year) 11/12/09 under the business name of Henkle Drilling & Supply Co. Inc. by (signature) Bruce R. Henkle

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

TOPO! map printed on 11/30/09 from "Untitled.tpo"



NATIONAL GEOGRAPHIC



11/30/09

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