

WATER WELL RECORD

Form WWC-5

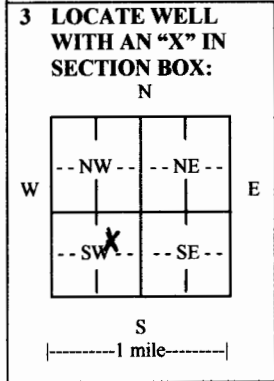
Division of Water Resources App. No.

20233

1 LOCATION OF WATER WELL: County: Kearny Fraction 1/4 SW 1/4 NE 1/4 SW 1/4 Section Number 10 Township No. T 24 S Range Number R 35 [ ] E [x] W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here [ ]. Approx. 1 mile SW of Deerfield, KS Global Positioning System (GPS) information: Latitude: 37.97862 Longitude: 101.15046 Elevation: 2975 Datum: [ ] WGS 84, [ ] NAD 83, [x] NAD 27 Collection Method: [x] 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

2 WATER WELL OWNER: Kearny County Bank / Katz Farms RR#, Street Address, Box #: P.O. Box 67 City, State, ZIP Code : Lakin, KS 67860



3 LOCATE WELL WITH AN 'X' IN SECTION BOX: N E W 4 DEPTH OF COMPLETED WELL 376 ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL .71.....ft. below land surface measured on mo/day/yr. 05/13/10..... Pump test data: Well water was .182.....ft. after .4..... hours pumping .1000..... gpm EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm Bore Hole Diameter 24.....in. to.....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) [x] 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 [x] PVC [ ] Other CASING JOINTS: [x] Glued [ ] Clamped [ ] Welded [ ] Threaded Casing diameter .16..... in. to .376..... ft., Diameter..... in. to..... ft. Casing height above land surface .12..... in., Weight 19.75.....lbs./ft., Wall thickness or gauge No. 616 TYPE OF SCREEN OR PERFORATION MATERIAL: [ ] Steel [ ] Stainless Steel [x] PVC [ ] Other (Specify) [ ] Brass [ ] Galvanized Steel [ ] None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: [x] Continuous slot [x] 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 .176..... ft. to .376..... ft., From..... ft. to..... ft. GRAVEL PACK INTERVALS: From .20..... ft. to .135..... ft., From 145..... ft. to 275..... ft. From .275..... ft. to .376..... ft., From..... ft. to..... ft.

6 GROUT MATERIAL: [ ] Neat cement [ ] Cement grout [x] 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.....

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Row 1: SEE ATTACHED LOG

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was [x] constructed, [ ] reconstructed, or [ ] plugged under my jurisdiction and was completed on (mo/day/year) 6/12/10..... 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) 7/1/10..... under the business name of ..Hydro Resources/Henkle Drilling..... by (signature) [Signature]

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.

# Henkle

DRILLING & SUPPLY CO., INC.

3795 W. Jones Ave.  
620-277-2389  
FAX 620-277-0224

A Hydro Resources Company  
MARK McCLAIN, KEARNY BANK 620-355-6277  
RUSBY LAMSON CELL 620-271-4447

P.O. Box 639  
GARDEN CITY, KS 67846

CUSTOMER'S NAME Katz Farms 2, KEARNY COUNTY BANK DATE 4-19-10  
STREET ADDRESS P.O. Box 67 TEST # 2 E. LOG No  
CITY & STATE LARIN, KS. 67860 DRILLER Dale  
COUNTY Kearny QUARTER SW SECTION 10 TOWNSHIP 24 RANGE 35  
RIG# 37 WO 582  
LOCATION GPS N37.97862 W101.15046 Elev. 2975  
261' East + 8' North of old well WELL LOCATION

%	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: <u>73'</u>
	From	Pay	To		Proposed Well Depth: <u>387 326'</u>
	0		2	Top Soil	
	2		7	Brown sandy clay	
	7		20	Brown sandy clay w/some sand beds	
	20		41	Brown clay	
	41		62	Sand fine to med w/ few clay stringers	
	62		73	Gray Shale	
	73		81	Brown sandy clay w/couple sand beds	
25	81	15	96	Sand fine to med coarse small gravel	
	96		108	Blue Clay	
10	108	12	120	Brown sandy clay w/some sand beds	
5	120	14	134	Blue sandy clay w/few sand beds	
	134		145	Blue Clay	
20	145	15	160	Sand fine to med coarse w/ few brown clay stringers	
	160		170	Blue Clay	
15	170	7	177	Sand fine to med	
25	177	23	200	Sand fine to med coarse	
5	200	24	224	Brown + light blue sandy clay w/some sand strips	
25	224	12	236	Sand fine to med coarse some small gravel	
25	236	24	260	Sand fine to med coarse w/couple clay ledges	
10	260	10	270	Brown sandy clay w/few sand strips	
	270		280	Brown Clay	
10	280	14	294	Sand fine to med w/ few clay stringers	
30	294	14	308	Sand fine to med coarse w/Tan + few brown rock	
20	308	6	314	Sand fine to med coarse w/some clay stringers	
	314		320	Brown sandy clay	
10	320	32	352	Sand fine some med w/ few Clay stringers	
35	352	8	360	Sand fine to med coarse w/brown + Tan rock	
25	360	16	376	Sand fine to med coarse w/Tan rock + few clay stringers	
	376		386	Soap Stone	
	386		400	Shale	
		246			Grout - 1 Hole Plug - 4 Perma Plug - 1

SERVING THE GREAT SOUTHWEST <sup>with</sup> WATER, WHERE AND WHEN YOU WANT IT.