

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

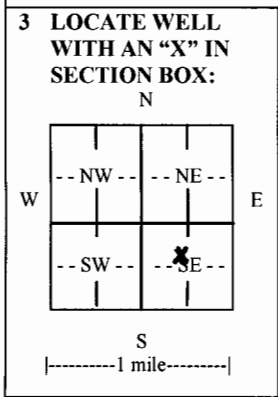
09-67

1 LOCATION OF WATER WELL: County: Grant Fraction 1/4 SE 1/4 NW 1/4 SE 1/4 Section Number 24 Township No. T 28 S Range Number R 38 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. 3.1 miles West from Ulysses, KS

2 WATER WELL OWNER: City of Ulysses RR#, Street Address, Box #: 115 W Grant Ave City, State, ZIP Code : Ulysses, KS 67880

Global Positioning System (GPS) information:
 Latitude: 37.59493 (in decimal degrees)
 Longitude: 101.42184 (in decimal degrees)
 Elevation: 3092'
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model:)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m



4 DEPTH OF COMPLETED WELL 550 ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.

WELL'S STATIC WATER LEVEL 250 ft. below land surface measured on mo/day/yr. 11/10/10.....

Pump test data: Well water was 315 ft. after 2.4 hours pumping 580 gpm

EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm

Bore Hole Diameter 30 in. to 550 ft., andin. toft.

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. 11/29/10.....

Water well disinfected? Yes No

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter .16 in. to .550 ft., Diameter in. to ft., Diameter in. to ft.

Casing height above land surface .36 in., Weight 62.64 lbs./ft., Wall thickness or gauge No. 0.375

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 .260 ft. to .300 ft., From .320 ft. to .386 ft.
 From .425 ft. to .440 ft., From .475 ft. to .545 ft.

GRAVEL PACK INTERVALS: From .40 ft. to .140 ft., From .150 ft. to .310 ft.
 From .310 ft. to .395 ft., From .395 ft. to .551 ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From 0 ft. to 20 ft., From 25 ft. to 40 ft., From 140 ft. to 150 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 **NONE DETECTED**

Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	2	Surface	181	225	brown clay
2	35	brown clay, calicho, sands	225	239	brown clay, few sands
35	52	sand fine to medium	239	250	snd fne-md crse some sm- md grvl
52	75	brown clay	250	280	snd fne-md crse some sm-few md grvl
75	101	sand fine to small, some clay	280	304	brown clay
101	120	brown clay, few sand	304	320	brown white clay. few lmrk. few snd
120	135	sand fine to small	320	335	sand fine
135	151	blue + brown clay	335	345	brown white clay
151	161	brown clay, few limerock	345	365	sand fine to small, thin clays
161	181	blue + brown clay, few limerock	365	386	snd fne-md crse some sm-few md grvl

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) 11/10/10..... 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) 11/9/10..... under the business name of Hydro Resources Mid-Continent..... 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.

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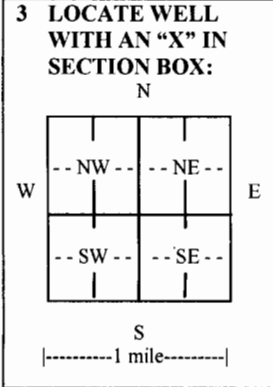
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here

Global Positioning System (GPS) information:
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 From..... ft. to ft., From ft. to ft.

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Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
386	395	soapstone			
395	425	shale			
425	440	shale, some sandstone			
440	475	shale, limestone			
475	490	gray sandstone, shale			
490	503	sahle, sandstone			
503	520	sandstone, soapstone			
520	523	limestone			
523	545	sandstone, soapstone			
454	550	soapstone, limestone			

Original Returned to Sender
for Correction Date: 4/20/11

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