WATER WELL RECORD Form WWC-5 KSA 82a-1212

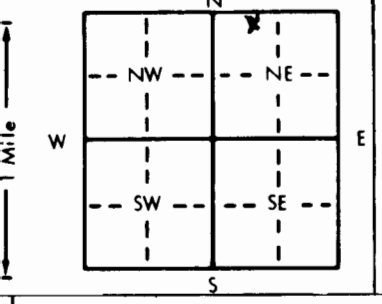
1 LOCATION OF WATER WELL: County: Gray | Fraction: NE ¼ NE ¼ NW ¼ | Section Number: 31 | Township Number: T 25 S | Range Number: R 28 E/W

Distance and direction from nearest town or city street address of well if located within city?
2½ miles NW OF Ingalls on Hwy 50

2 WATER WELL OWNER: Ingalls Feedyard II
RR#, St. Address, Box # : R.R.
City, State, ZIP Code : Ingalls, Ks 67853

Board of Agriculture, Division of Water Resources
Application Number: 16,079

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL 297' ft. ELEVATION:
Depth(s) Groundwater Encountered 1. 145' ft. 2. ft. 3. ft.
WELL'S STATIC WATER LEVEL 145' ft. below land surface measured on mo/day/yr 6-25-83
Pump test data: Well water was ft. after hours pumping gpm
Est. Yield 20.0 gpm: Well water was ft. after hours pumping gpm
Bore Hole Diameter 18 in. to 297 ft., and in. to ft.
WELL WATER TO BE USED AS: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below)
Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED: 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)
CASING JOINTS: Glued Clamped Welded X Threaded
Blank casing diameter 8 5/8" in. to 297' ft., Dia in. to ft., Dia in. to ft.
Casing height above land surface 24 in., weight 22.36 lbs./ft. Wall thickness or gauge No. .250

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) Bridge Type 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 295 ft. to 285 ft., From ft. to ft.
From 190 ft. to 255 ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 10 ft. to 160' ~~297'~~ ft., From ft. to ft.
From 166' ft. to 297' ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
Grout Intervals: From 0 ft. to 10 ft., From 160 ft. to 166 ft., From ft. to ft.

What is the nearest source of possible contamination:
1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
Direction from well? South How many feet? 450'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		see Attached Log			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 6-30-83 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/yr) 7-10-27-83 under the business name of Heakle Drilling and Supply Co. by (signature) Charles Waymaster

INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T R E/W SEC. ¼ ¼ ¼

For Well #7

DRILLERS TEST LOG

CUSTOMERS NAME Ingalls Feed Yard DATE 6-1-82

STREET ADDRESS _____ TEST # 5 E. LOG Yes

CITY & STATE Ingalls, Kansas DRILLER Mai

COUNTY Gray QUARTER NE SECTION 27 TOWNSHIP 25 RANGE 29

From NE corner 330' W and 100' S.

LOCATION Approx 520' W-NW of Well #4 or Approx 490' E-NE of Well #3

Gas line 15' N of Test Overhead power line 25' S of Test WELL LOCATION

%	FOOTAGE From	Pay	To	DESCRIPTION OF STRATA — Static Water Level _____ Proposed Well Depth _____
	0		2	Top Soil
	2		70	Brown clay, caliche & cemented sandstks
	70		90	Sand - fine to med coarse small gravel
	90		113	Sand - fine to med cemented in places
	113		126	Sandy clay, sand stringers & limerock
	126		136	Sand - fine to med coarse
	136		142	Sandy clay
	142		159	Sand - fine to med coarse small gravel
	159		168	Brown & brown sandy clay
	168		178	Limerock, sandy clay & fine sand stks
40	178	6	184	Sand - fine to med & white rock
	184		187	Brown clay
55	187	13	200	Sand - fine to med coarse & coarse white rock, very loose
60	200	7	207	Sand - fine to med coarse few small gravel & small white rock
45	207	8	215	Sand - fine to med few coarse white rock & sandy clay stringers
	215		217	Brown clay
30	217	2	219	Sand - fine & small
	219		224	Brown clay
65	224	11	235	Sand - fine to med coarse med small & few small brown & tan rock loose, few white rock
	235		257	Brown & tan clay sticky, very few small sand stks
35	257	15	272	Sand - fine & small few med clay stks
45	272	3	275	Sand - fine to med
20	275	8	283	Sand - fine to med & brown clay
65	283	12	295	Sand - fine to med coarse small brown & tan rock & small white rock, few small clay stks
	295		297	Soapstone
	297		300	Shale — TOTAL DEPTH OF WELL 297'
		83		Drill Big Hole 8' N of Test
				Set up east, pits south
				Used 2 sacks of Quick-Gel to plug test hole