K-21

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

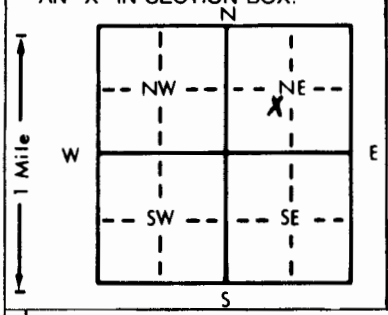
1 LOCATION OF WATER WELL: County: CHEROKEE | Fraction: NE ¼ SW ¼ NE ¼ | Section Number: 10 | Township Number: T 35 S | Range Number: R 24 E/W

Distance and direction from nearest town or city street address of well if located within city?

2 WATER WELL OWNER: Fred Mitchelson
RR#, St. Address, Box # : Box 62194
City, State, ZIP Code : Pittsburg, Ks

Board of Agriculture, Division of Water Resources Application Number: N/A

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



4 DEPTH OF COMPLETED WELL 740 ft. ELEVATION:

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

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

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

Est. Yield gpm: Well water was ft. after hours pumping gpm

Bore Hole Diameter in. to 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; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes 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 Threaded

Blank casing diameter 4" in. to ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 3 FT Below in., weight lbs./ft. Wall thickness or gauge No.

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) 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From ft. to ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft.

From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other

Grout Intervals: From ft. to ft., From ft. to 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) MINE AREA

Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		SEE ATTACHED HALLIBURTON 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) 4-15-85 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 459 This Water Well Record was completed on (mo/day/yr) 8-26-85 under the business name of Hilyard Drilling Co by (signature) Ronnie Dumas

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 35 R 24 E/W SEC. 10 ¼ ¼ ¼

HALLIBURTON SERVICES
JOB LOG

FORM 2013 R-2

WELL NO. K-21 LEASE Ballard TICKET NO. 113997-4

CUSTOMER [illegible] Drilling PAGE NO.

JOB TYPE [illegible] DATE 9 15 85

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	0900							ON LOCATION, [illegible]
								[illegible] to [illegible] Drilling Co.
8	1200							Run PVC 60'
9	1305	3	19			100		Mix + Pump Cmt
								While Running PVC + Tag[illegible]
								[illegible] could not [illegible]
								the way to 300' filled hol[illegible]
								all the way to surface with [illegible]
								of Cmt 42 sks.
								Job Completed

CUSTOMER

HALLIBURTON SERVICES
JOB LOG

FORM 2013 R-2

WELL NO. K-21 LEASE Endaro TICKET NO. 113447-2

CUSTOMER Hillyard Drilling PAGE NO.

JOB TYPE PTA old Disposal Well DATE 4-11-95

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	930							On Location Safety Meeting
1	1015	(3)	10	1		100		Break Circulation
2	1028	3	8.833	1		100		Mix + Pump 43 13 sks Cmt.
3	1040	2	3	1		100		Displace w/Fresh H2O
4	1046							Shut Down to Pull Tbg + Csg
5	1054			1		2000		Could not Pull Tbg. try to Circulate
6	1103			1				Could not Circulate Shut Down Rig Pulled Tbg + Circulated Cmt out of Csg.
7.	1540							Shut Down + Return in Morning after they got Pipe Cut + Csg Pulled.

CUSTOMER