

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: <u>Gray</u>		NW 1/4 NW 1/4 SW 1/4		3		T 28 S		R 30 EW	
Distance and direction from nearest town or city street address of well if located within city?									
Approximately 7 miles north & 1 1/2 east of Copeland									
2 WATER WELL OWNER:		Manford Nichols							
RR#, St. Address, Box # :		HCR 1, Box 48A							
City, State, ZIP Code :		Sublette, Ks. 67877							
Board of Agriculture, Division of Water Resources Application Number: 14,449									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 476 ft. ELEVATION:							
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL 161 ft. below land surface measured on mo/day/yr 4/2/90 Pump test data: Well water was 195 ft. after 4 hours pumping 1190 gpm Est. Yield 1200 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: 5 Public water supply 8 Air conditioning 11 Injection well 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring well Was a chemical/bacteriological sample submitted to Department? Yes No X If yes, mo/day/yr sample was sub- mitted Water Well Disinfected? Yes No X							
		5 TYPE OF BLANK CASING USED:							
		1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded X 7 Fiberglass Threaded Blank casing diameter . . . 16 . . . in. to ft., Dia in. to ft., Dia in. to ft. Casing height above land surface . . . 12 . . . in., weight . . . 42.05 . . . lbs./ft. Wall thickness or gauge No. . . 250."							
		TYPE OF SCREEN OR PERFORATION MATERIAL:							
		1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) 12 None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole) 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 7 Torch cut 10 Other (specify)							
SCREEN-PERFORATED INTERVALS: From . . . 175 . . . ft. to . . . 215 . . . ft., From . . . 265 . . . ft. to . . . 405 . . . ft. From . . . 427 . . . ft. to . . . 447 . . . ft., From . . . 456 . . . ft. to . . . 476 . . . ft. GRAVEL PACK INTERVALS: From . . . 20 . . . ft. to . . . 476 . . . 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 . . . 0 . . . ft. to . . . 2 . . . ft., From ft. to ft., From ft. to ft.									
What is the nearest source of possible contamination:		10 Livestock pens 14 Abandoned water well							
1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well									
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)									
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage									
Direction from well? <u>North</u>		How many feet? <u>150'</u>							
FROM	TO	LITHOLOGIC LOG				FROM	TO	PLUGGING INTERVALS	
		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) March 28, 1990 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) . . . 4/9/90 under the business name of <u>Henkle Drilling & Supply Co., Inc.</u> by (signature) <u>Manford Nichols</u>									
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, Bureau of Water, Topeka, Kansas 66620-7320. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.									

OFFICE USE ONLY

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DRILLERS TEST LOG

CUSTOMER'S NAME: Manford Nichols DATE: 3/15/90
 STREET ADDRESS: _____ TEST # 2 E. LOG Yes
 CITY & STATE: Sublette, Ks. 67877 DRILLER Wildeman
 COUNTY Gray QUARTER SW SECTION 3 TOWNSHIP 28 RANGE 30

LOCATION Approximately 150' South of the old well.

WELL LOCATION

%	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: _____ Proposed Well Depth:
	From	Pay	TO		
	0		2	Top soil.	
	2		25	Brown sandy clay & fine sand streaks.	
	25		40	Sand fine to medium, very few limerock ledges & few sandy clay streaks.	
	40		59	Sand fine to medium coarse (very loose).	
	59		87	Brown clay, few limerock ledges & cemented in places.	
	87		101	Brown sandy clay & cemented sand & few limerock ledges.	
	101		140	Sand fine to medium coarse. Small to large gravel. Cemented in places.	
	140		157	Sand fine to medium coarse. Small to large gravel.	
	157		164	Cemented sand.	
	164		170	Brown sandy clay.	
60	170	8	178	Sand fine to medium coarse.	
	178		183	Cemented sand.	
60	183	6	189	Sand fine to medium coarse. Small to large gravel.	
	189		201	Brown sandy clay.	
60	201	8	209	Sand fine to medium coarse. Small to medium gravel.	
	209		240	Brown clay & sandy clay, mixed.	
	240		245	Limerock.	
	245		263	Brown sandy clay & fine sand streaks.	
35	263	15	278	Sand fine to small & brown sandy clay.	
	278		285	Brown clay & fine sand streaks.	
35	285	15	300	Sand fine to small & brown sandy clay.	
40	300	17	317	Sand fine to medium, few clay streaks.	
40	317	24	341	Sand fine to medium & sandy clay.	
65	341	13	354	Sand fine to medium coarse. Small to medium gravel & brown rock.	
	354		361	Brown clay.	
65	361	16	377	Sand fine to medium coarse. Small to medium gravel & brown rock.	
	377		380	Sandstone.	
	380		385	Soapstone.	
15	385	10	395	Sandstone & soapstone streaks.	
20	395	10	405	Sandstone.	
	405		425	Gray soapstone & few very hard ledges.	
20	425	5	430	Sandstone.	
	430		445	Gray soapstone & few sandstone streaks.	
	445		450	Sandstone.	

GARDEN CITY, KS 67846
 3795 West Jones Ave.

HENKLE DRILLING & SUPPLY CO., INC.

316-277-2389

IRRIGATION HEADQUARTERS

TEST HOLES * * * * * IRRIGATION & INDUSTRIAL WELLS * * * * * STOCK WELLS

PAGE 2 (Continued)

DATE: 3/15/90

TEST #	2	E. LOG	Yes
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DRILLER Wildeman

COUNTY	Gray	QUARTER	SW	SECTION	3	TOWNSHIP	28	RANGE	30
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LOCATION Approximately 150' South of the old well.

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316-277-2389

IRRIGATION HEADQUARTERS

TEST HOLES * * * * * IRRIGATION & INDUSTRIAL WELLS * * * * * STOCK WELLS