

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number			
County: Haskell		NW 1/4 NW 1/4 NW 1/4		11		T 27 S		R 32 EW			
Distance and direction from nearest town or city street address of well if located within city? From west side of Sublette-1 mile south-west on Hwy. 56, 14 miles north on Hwy. 83, 5 miles east, 2 miles north, 5110 ft. w. 5200 ft. n.											
2 WATER WELL OWNER: Robert M and Henry A. Nightengale											
RR#, St. Address, Box # : HCR 1 - Box 52A Board of Agriculture, Division of Water Resources											
City, State, ZIP Code : Sublette, Kansas 67877 Application Number: 22,859											
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:			4 DEPTH OF COMPLETED WELL.....440..... ft. ELEVATION:								
			Depth(s) Groundwater Encountered 1..... ft. 2..... ft. 3..... ft.								
			WELL'S STATIC WATER LEVEL172..... ft. below land surface measured on mo/day/yr 2/28/98								
			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.....30..... in. to440..... 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 submitted											
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 diameter16..... in. to390..... ft., Dia in. to ft., Dia in. to ft.											
Casing height above land surface12..... in., weight 16" =42.05..... lbs./ft. Wall thickness or gauge No.250.....											
TYPE OF SCREEN OR PERFORATION MATERIAL: 20" - 52.737 PVC 10 Asbestos-cement											
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify).....											
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 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: 20" From265..... ft. to405..... ft., From ft. to ft.											
16" From405..... ft. to440..... ft., From ft. to ft.											
GRAVEL PACK INTERVALS: From20..... ft. to195..... ft., From255..... ft. to440..... ft.											
From ft. to ft., From ft. to ft.											
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other											
Grout Intervals: From0..... ft. to20..... ft., From195..... ft. to255..... ft., From ft. to ft.											
What is the nearest source of possible contamination:											
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well											
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well											
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)											
13 Insecticide storage											
Direction from well? west How many feet? 90											
FROM		TO		LITHOLOGIC LOG		FROM		TO		PLUGGING INTERVALS	
				See attached log							
				0' to 265' - Plain 16" Casing							
				265' to 390' - 16" Plain Casing & 20" Hi-Cap Screen							
				390' to 405' - 15' Starter Section							
				405' to 415' - Perforated 16" Casing							
				415' to 435' - 16" Agri Screen							
				435' to 440' - Perforated 16" Casing							
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) 2/28/98 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No.208..... This Water Well Record was completed on (mo/day/yr)3/13/98..... under the business name of Minter-Wilson Drilling Co., Inc. by (signature) Nora Keller											
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 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.											

*The
Professionals*

MINTER-WILSON DRILLING CO.

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Henry Nightengale
Haskell County
11/10/97

Location: NW¼ 11-27-32 - South of Garden City to George Town - 4 miles east
& 1 mile north - well in northwest corner
(87 ft. east and 27 ft. north of old well)

Static Water Level - 200'

Test #1

0' to 3' - Top soil
3' to 7' - Brown clay 01
7' to 25' - Fine sand 07
25' to 38' - Brown gray clay 01
38' to 157' - Fine to medium sand and gravel - 10% clay - loose 17
157' to 172' - Brown sandy clay - 15% fine to medium sand - tight
172' to 183' - Brown sandy clay - 25% fine to medium sand
183' to 201' - Brown sandy clay
201' to 217' - Brown sandy clay - 15% sand streak 04
217' to 228' - Fine sand - 10% clay - loose 07
228' to 262' - Brown sandy clay 04
262' to 269' - Fine to medium sand and gravel 17
269' to 272' - Brown sandy clay 04
272' to 309' - Fine to medium sand and gravel - loose 17
309' to 316' - Brown sandy clay 04
316' to 357' - Fine to medium sand and gravel 17
357' to 380' - Brown sandy clay 04
380' to 386' - Brown clay 01
386' to 388' - Fine to medium sand 07
388' to 410' - Brown clay 01
410' to 427' - Brown sandy clay 04
427' to 434' - Yellow clay - small strip of brown rock mixed
434' to 440' - Yellow gray clay 01
440' to 485' - Shale 19

RECEIVED

MAR 18 1998

BUREAU OF WATER