

1 LOCATION OF WATER WELL: County: Grant		Fraction NW 1/4 NW 1/4 NW 1/4		Section Number 36	Township Number T 30 S	Range Number R 38 E/W
Distance and direction from nearest town or city street address of well if located within city? From Ulysses - 11 Miles South, 3 Miles West, 2 Miles South, 5220 Ft. West & 4945 Ft. North						
2 WATER WELL OWNER: Gene Schwein		Board of Agriculture, Division of Water Resources				
RR#, St. Address, Box #: 3492 E. Road 17		Application Number: 4936				
City, State, ZIP Code: Ulysses, Kansas 67880						
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 540 ft. ELEVATION:				
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL: 260 ft. below land surface measured on mo/day/yr 9-23-93 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. to 540 ft. and in. to ft. WELL WATER TO BE USED AS: 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 11 Injection well 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Monitoring 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 No X				
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 2 PVC 4 ABS		5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped 6 Asbestos-Cement 9 Other (specify below) Welded X 7 Fiberglass Threaded				
Blank casing diameter: 16 in. to 250 ft. Dia		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) 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify)		7 PVC 10 Asbestos-cement 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 250 ft. to 540 ft.		GRAVEL PACK INTERVALS: From 20 ft. to 540 ft.				
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other		Grout Intervals: From 0 ft. to 20 ft. From ft. to 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? North How many feet? 270				
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) 10-27-93 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) 11-4-93 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.						

HER-WILSON DRILLING CO.
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Complete Installation
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Phone 276-8269 • P.O. Box A • GARDEN CITY, KANSAS 67846

Gene Schwein
Grant County
9-23-93

Location: NW $\frac{1}{4}$ /NW $\frac{1}{4}$ /NW $\frac{1}{4}$ 36-30-38
From 4 Way Stop in Ulysses, - 11 Miles S.,
4 Miles W., 1 Mile S. - east side of road
270' south of the old well

Static Water Level 260'

Test #1

0' to 3' - Top soil
3' to 110' $\frac{6}{7}$ Brown clay
110' to 113' $\frac{6}{7}$ Fine sand
113' to 134' $\frac{1}{7}$ Fine to medium sand gravel
134' to 148' $\frac{6}{7}$ Brown clay
148' to 173' $\frac{6}{7}$ Fine to medium sand gravel-10% clay
173' to 179' $\frac{6}{7}$ Brown clay
179' to 212' $\frac{6}{7}$ Fine to medium sand - 10% clay
212' to 233' $\frac{6}{7}$ Brown clay - sticky
233' to 240' $\frac{6}{7}$ Fine sand
240' to 241' - Hard strip - pull down
241' to 245' - Fine sand
245' to 265' $\frac{6}{7}$ Fine to medium sand
265' to 268' $\frac{6}{7}$ Brown clay
268' to 271' $\frac{2}{3}$ Cemented sand stone - hard pull down
271' to 275' $\frac{6}{7}$ Fine to medium sand
275' to 304' $\frac{1}{7}$ Fine to medium sand gravel - loose
304' to 317' $\frac{2}{3}$ Cemented sand stone - 10% clay
- hard pull down
317' to 350' $\frac{1}{7}$ Fine to medium sand gravel
350' to 355' $\frac{2}{3}$ Cemented sand stone - hard pull down
355' to 367' - Fine to medium sand gravel
367' to 376' $\frac{1}{7}$ Fine to medium sand gravel-small
clay streak
376' to 380' $\frac{6}{7}$ Brown clay

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Test #1 continued

380' to 400' ~~30~~ Brown yellow clay brown rock mixed
400' to 412' ~~23~~ Sand stone - loose
Lost circulation at 400'
412' to 427' ~~61~~ Brown yellow clay - 15% sand stone
- tight
427' to 455' - Sand stone - loose - 10% clay
455' to 461' - Sand stone - hard pull down
461' to 472' ~~33~~ Sand stone - 15% clay - pull down
472' to 503' ~~61~~ Brown clay - 15% sand stone - tight
503' to 528' ~~23~~ Sand stone - loose
528' to 580' ~~04~~ Brown yellow clay - hard pull down
580' to 590' ~~14~~ red bed - hard pull down