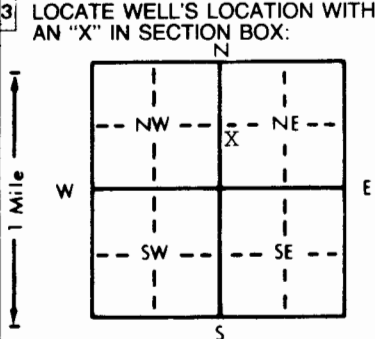


1 LOCATION OF WATER WELL: Fraction NW 1/4 SW 1/4 NE 1/4 Section Number 31 Township Number T 30 S Range Number R 29 EW

Distance and direction from nearest town or city street address of well if located within city?  
 Approximately 8 3/4 north & 2 1/2 miles east of Plains.

2 WATER WELL OWNER: E.W. Burton  
 RR#, St. Address, Box # : 2212 North 6th St. Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : Garden City, Ks. 67846 Application Number: 9,664



4 DEPTH OF COMPLETED WELL... 408... ft. ELEVATION: ...  
 Depth(s) Groundwater Encountered 1. .... ft. 2. .... ft. 3. .... ft.  
 WELL'S STATIC WATER LEVEL .. 188 .... ft. below land surface measured on mo/day/yr .. 5/23/90 ..  
 Pump test data: Well water was .. 271 .... ft. after .... 4 .... hours pumping .. 1770 .... gpm  
 Est. Yield .1750 .. gpm: Well water was .... ft. after .... hours pumping .... gpm  
 Bore Hole Diameter .. 24 .... in. to .. 408 .... 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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ..... Clamped .....  
 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded .. X ..  
 2 PVC 4 ABS 7 Fiberglass ..... Threaded.....  
 Blank casing diameter ..... 16 ..... in. to ..... 408 ..... 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: 7 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: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)  
 1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes  
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) .....  
 SCREEN-PERFORATED INTERVALS: From ..... 265 ..... ft. to ..... 405 ..... ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From ..... 20 ..... ft. to ..... 408 ..... 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 ..... 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? 100'

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) ... May 22, 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) May 26, 1990 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce J. Leichman

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send 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  
T  
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SEC.  
1/4  
1/4  
1/4

DRILLERS TEST LOG

CUSTOMER'S NAME: Farmers National DATE: 5-1-90  
 STREET ADDRESS: 1703 Campbell TEST # 3 E. LOG Yes  
 CITY & STATE: Garden City, Ks. 67846 DRILLER Wildeman  
 COUNTY Meade QUARTER NE SECTION 31 TOWNSHIP 30 RANGE 29

LOCATION 100' south of old well

Well location

%	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: <u>190'</u>
	From	Pay	TO		Proposed Well Depth: <u>483'</u>
	0		2	Top soil	
	2		8	Brown sandy clay	
	8		41	Brown sandy clay & caliche some clay mixed in	
	41		55	Sand fine to medium & sandy clay streaks (drilled a little loose)	
	55		61	Cemented sand & few sand streaks	
	61		72	Brown sandy clay	
	72		95	Sand fine to medium coarse small to large gravel	
	95		121	Sand fine to medium coarse small to large (used water) very few clay streaks	
	121		124	Brown clay	
	124		128	Sand fine to medium coarse small gravel	
	128		131	Light brown & gray clay	
	131		151	Sand fine to medium coarse small to large gravel	
	151		157	Brown & gray clay	
	157		197	Sand fine to medium coarse small to medium gravel & very few clay streaks	
	197		210	Gray clay	
40	210	40	250	Sand fine to small (loose in places)	
	250		265	Gray clay	
65	265	15	280	Sand fine to medium coarse small gravel to medium (little loose) Used water	
	280		285	Light brown clay & sand	
65	285	35	320	Sand fine to medium coarse small to medium gravel (used water)	
65	320	20	340	Sand fine to medium coarse small gravel	
65	340	20	360	Sand fine to medium coarse small to medium gravel (used water)	
	360	45	405	Brown sandy clay & sand mixed	
	405		450	Brown clay & limerock streaks (a little sticky) start mudding off thinned down	
40	450	30	480	Sand fine to small few clay & limerock streaks	
	480		497	Brown clay & few fine sand streaks	
	497		505	Red bed	
				Total depth <del>505</del> <u>408'</u>	
				Jed A set up north pit on east	
				10" water line approx. 10' west of test	
				1 - set of 4 3/4 drag blades	
				6 - sacks of Quick Gel	
				2 - Sacks of Hole plug	
				2 - Perma Plug	

GARDEN CITY, KS 67846  
 3795 West Jones Ave.

HENKLE DRILLING & SUPPLY CO., INC.  
 IRRIGATION HEADQUARTERS

316-277-2389

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