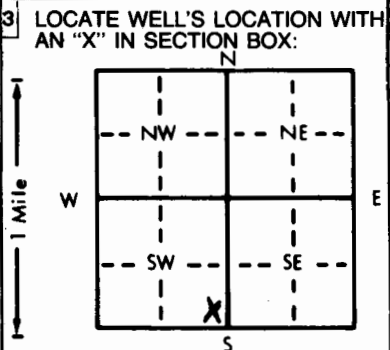


1 LOCATION OF WATER WELL: Fraction SE 1/4 SE 1/4 SW 1/4 Section Number 24 Township Number T 27 S Range Number R 35 E **(W)**

Distance and direction from nearest town or city street address of well if located within city?
Approx. 14 miles East & 6 miles North of Ulysses, KS

2 WATER WELL OWNER: **Terry Engler**
 RR#, St. Address, Box #: **Satanta, KS 67870**
 City, State, ZIP Code: **Satanta, KS 67870**
 Board of Agriculture, Division of Water Resources
 Application Number: **34,771**



4 DEPTH OF COMPLETED WELL: **520** ft. ELEVATION: _____ ft.

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

WELL'S STATIC WATER LEVEL **200** ft. below land surface measured on mo/day/yr **6-10-81**

Pump test data: Well water was **226** ft. after **4** hours pumping **1779** gpm

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

Bore Hole Diameter **26** 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
2 Irrigation	4 Industrial	7 Lawn and garden only
		10 Observation 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 diameter **16** in. to **520** ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.

Casing height above land surface **16** in., weight **36.91** lbs./ft. Wall thickness or gauge No. **.219**

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 **250-360** ft. to **373-393** ft., From **420-520** ft. to _____ ft.

GRAVEL PACK INTERVALS: From **10** ft. to **520** ft., From _____ ft. to _____ ft.

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

Grout Intervals: From **0** ft. to **10** ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.

What is the nearest source of possible contamination: **None Observed**

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? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		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) **June 5, 1981** 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) **June 12, 1981** under the business name of **Henkle Drilling & Supply** by (signature) *[Signature]*

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.

DRILLERS TEST LOG

CUSTOMERS NAME Terry Engler **DATE** May 6, 1981
STREET ADDRESS _____ **TEST #** 2 **E. LOG** Yes
CITY & STATE Satanta, Ks. 67870 **DRILLER** Mai
COUNTY GRANT **QUARTER** SW **SECTION** 24 **TOWNSHIP** 27 **RANGE** 35
LOCATION 485' NORTH & 15' WEST of SOUTH EAST CORNER

WELL LOCATION

%	FOOTAGE		DESCRIPTION OF STRATA	Static Water Level
	From	Pay To		Proposed Well Depth
	0	2	Top Soil	<u>195'</u>
	2	60	Brown clay & fine sand stks.	<u>518'</u>
	60	85	Sand, fine & small	
	85	100	Sandy clay, caliche & fine sand	
85	100	50	260 Sand, fine to med. coarse, small to large gravel, drills rough in places, few clay stks.	
	260	267	Gray clay, few sand stks.	
60	267	31	298 Sand, fine to med. coarse, small to med. gravel	
	298	305	Sandy clay, few sand stks.	
55	305	12	317 Sand, fine to med. coarse, small gravel	
30	317	23	340 Sand, fine to med. coarse, sandy clay & limerock ledges.	
	340	348	Brown & brown sandy clay	
55	348	4	352 Sand, fine to med. coarse, small gravel	
70	352	10	362 Sand, fine to med. coarse, small to med. gravel, brown & black Gravel.	
	362	373	Brown & brown sandy clay, limerock ledges	
50	373	11	384 Sand, fine to med. coarse	
20	384	9	393 Limerock, white clay, & fine sand	
	393	420	Brown Clay	
20	420	25	445 Sand, fine & brown sandy clay	
30	445	38	483 Brown, yellow & red Sandstone, soapstone stks, uses water.	
50	483	12	495 Sandstone & brown rock Rough	
30	495	23	518 Sandstone, shale stks & brown rock ledges	
	518	524	Iron Pyrite Mixed 1/4 sack bran at 519'	
			Changed bits at 521' (Very Hard)	
			10 sacks quik-gel	
			1/4 Sack bran	
			1 set 4 3/4 3 Way blades, 1 set 4 1/2 4 way blades	
			Had to set up same as big rig. Flagged point 8' North of West	
			Set up SOUTH	
			Pits WEST	
			Total Depth of Well 520'	

GARDEN CITY, KS
 Phone 276-3278
 TEST HOLES * * * * *

HENKLE DRILLING & SUPPLY CO., INC.
 IRRIGATION HEADQUARTERS

SUBLETTE, KS
 Phone 675-4311

* * * * * IRRIGATION & INDUSTRIAL WELLS * * * * * STOCK WELLS