

1 LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: HASKELL	NE 1/4 SE 1/4 SE 1/4	22	T 27 S	R 33 EW

Distance and direction from nearest town or city? **Approx. 13 1/2 mi. N & 3 1/2 mi. W of Sublette, KS**
 Street address of well if located within city?

2 WATER WELL OWNER: **Bill Engler, Jr.**
 RR#, St. Address, Box # :
 City, State, ZIP Code : **Satanta, Kansas 67870**
 Board of Agriculture, Division of Water Resources
 Application Number: **3386 & 8678**

3 DEPTH OF COMPLETED WELL: **520** ft. Bore Hole Diameter: **24** in. to **520** 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 Observation well 12 Other (Specify below)
 Well's static water level: **206** ft. below land surface measured on **JULY** month **1** day **1980** year
 Pump Test Data: Well water was **270** ft. after **4** hours pumping **1412** gpm
 Est. Yield **1400** gpm: Well water was ft. after hours pumping gpm

4 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 dia **16** in. to **520** ft. Dia in. to ft. Dia in. to ft.
 Casing height above land surface: **12** 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) 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-Perforation Dia: **16** in. to **513** ft. Dia in. to ft. Dia in. to ft.
 Screen-Perforated Intervals: From **255** ft. to **385** ft. From **395** ft. to **405** ft.
 From **453** ft. to **513** ft. From ft. to ft.
 Gravel Pack Intervals: From **10** ft. to **520** ft. From ft. to ft.
 From ft. to ft. From ft. to ft.

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grouted 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 Cess pool 7 Sewage lagoon 10 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Seepage pit 8 Feed yard 11 Fertilizer storage 15 Oil well/Gas well
 3 Lateral lines 6 Pit privy 9 Livestock pens 12 Insecticide storage 16 Other (specify below)
 13 Watertight sewer lines
 Direction from well How many feet ? Water Well Disinfected? Yes No **X**
 Was a chemical/bacteriological sample submitted to Department? Yes No **X** If yes, date sample
 was submitted month day year: Pump Installed? Yes No **X**
 If Yes: Pump Manufacturer's name Model No. HP Volts
 Depth of Pump Intake ft. Pumps Capacity rated at gal./min.
 Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was
 completed on **JUNE** month **28** day **1980** year,
 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 **JULY** month **17** day **1980** year under the business
 name of **Henkle Drilling & Supply Co., Inc.** by (signature) *Bruce J. Reichmuth*

7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
			See Attached Log			

ELEVATION:

Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. 4. ft. (Use a second sheet if needed)

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, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY
T
R
EW
SEC
1/4
1/4
1/4

DRILLERS TEST LOG

CUSTOMERS NAME BILL ENGLER DATE 5-6-80
 STREET ADDRESS _____ TEST # 2
 CITY & STATE Satanta, KS, 67870 DRILLER Tim Mai
 COUNTY Haskell QUARTER SE SECTION 22 TOWNSHIP 27 RANGE 24, 23
 LOCATION _____

#	DRILLED		FOOTAGE	DESCRIPTION OF STRATA	STATIC WATER LEVEL
	FROM	PAY			PROPOSED WELL DEPTH
	0		2	TOP SOIL	
	2		21	FINE SAND	
	21		35	BROWN CLAY	
	35		55	SAND FINE TO MED. & BROWN CLAY	
	55		75	BROWN CLAY	
	75		90	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL	
	90		110	MED. & LARGE ROCK FEW COBBLESTONE	
	110		155	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL FEW LARGE ROCK LEDGES FIRM	
	155		183	MED. & LARGE ROCK	
65	183	56	239	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL LARGE DRILLS VERY FIRM VERY FEW CLAY STKS.	FEW
80	239	07	246	MED. TO LARGE ROCK FIRM USES WATER	
20	246	19	265	GREY SAND FINE TO MED. COARSE SMALL GRAVEL BLUE & GREY CLAY STKS. FEW ROCK LEDGES	
50	265	24	289	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL LARGE ROCK LEDGES & BROWN SANDY CLAY STKS.	
	289		296	BROWN SANDY CLAY	
50	296	04	300	SAND FINE TO MED. COARSE SMALL TO MED. GRAVEL	
	300		306	BROWN SANDY CLAY	
70	306	38	344	SAND FINE TO MED. COARSE SMALL TO LARGE GRAVEL USES WATER	
	344		347	BROWN SANDY CLAY	
55	347	29	376	SAND FINE TO MED. COARSE SMALL GRAVEL CEMENTED DRILLS FIRM VERY FEW LARGE ROCK USES LITTLE WATER	
	376		394	BROWN & TAN CLAY VERY FEW SAND STKS. & CEMENTED LEDGES	
50	394	06	402	SAND FINE TO MED COARSE SMALL BLACK GRAVEL	
	402		451	BROWN & WHITE CLAY LIMEROCK & LIMEROCK LEDGES FINE SAND STKS.	FEW
		183	462	BROWN CLAY & SAND FINE TO MED. BROWN ROCK LEDGES	ES
good	462	18	480	BROWN SANDSTONE WHITE & YELLOW SOAPSTONE VERY FIRM IN PLACES USES WATER ADDED & SACK BRAN	
good	480	37	517	BROWN SANDSTONE FEW WHITE & GREY CLAY & BROWN STONE FEW DAKOTA STKS. USES WATER	SOA
	517		550	GREY CLAY FEW RED & BLACK ROCK VERY HARD	
				total depth of well - 520'	
		238			

HENKLE DRILLING & SUPPLY CO., INC.

GARDEN CITY, KANSAS

Phone 276-3278

TEST HOLES

DOMESTIC WELLS

STOCK WELLS

IRRIGATION & INDUSTRIAL WELLS

SUBLETTE, KANSAS

Phone 675-4311