

1 LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: <u>Haskell</u>	<u>SW 1/4 SE 1/4 SE 1/4</u>	<u>1</u>	<u>T 28 S</u>	<u>R 31 E</u>
Distance and direction from nearest town or city? <u>Approx. 9 3/4 East and 10 1/2 North of Sublette, Ks.</u>		Street address of well if located within city?		

2 WATER WELL OWNER: Don Nightengale  
 RR#, St. Address, Box # :  
 City, State, ZIP Code : Copeland, Ks. 67837  
 Board of Agriculture, Division of Water Resources  
 Application Number: 31,007

3 DEPTH OF COMPLETED WELL: 525 ft. Bore Hole Diameter: 26 in. to . . . . . ft., and . . . . . in. to . . . . . ft.  
 Well Water to be used as:  
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well  
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)  
 7 Lawn and garden only 10 Observation well  
 Well's static water level: 185 ft. below land surface measured on February month 26 day 1981 year  
 Pump Test Data: Well water was 207 ft. after 4 hours pumping 1757 gpm  
 Est. Yield 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 525 ft., Dia: 16 in. to . . . . . ft., Dia: . . . . . in. to . . . . . ft.  
 Casing height above land surface: . . . . . 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 7 PVC 10 Asbestos-cement  
 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) . . . . .  
 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 518 ft., Dia: . . . . . in. to . . . . . ft.  
 Screen-Perforated Intervals: From 240 - 250 ft. to 256 - 296 ft., From 320 - 330 ft. to 361 - 371 ft.  
 From 381 - 401 ft. to 418 - 518 ft., From . . . . . ft. to . . . . . ft.  
 Gravel Pack Intervals: From 10 ft. to 525 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 February month 25 day 1981 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 March month 10 day 1981 year under the business  
 name of Henkle Drilling & Supply Co., Inc. by (signature) Paul J. Reichmann

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 28  
R 31  
END  
SEC.

**DRILLERS TEST LOG**

**CUSTOMERS NAME** Don Nightengale **DATE** Nov. 19, 1980  
**STREET ADDRESS** \_\_\_\_\_ **TEST #** 1 **E. LOG** Yes  
**CITY & STATE** Copeland, KS **DRILLER** Mai  
**COUNTY** Haskell **QUARTER** SE **SECTION** 1 **TOWNSHIP** 28 **RANGE** 31  
**LOCATION** 660' N & 1320' W of SE corner **Well location** \_\_\_\_\_

%	FOOTAGE		DESCRIPTION OF STRATA	Static Water Level _____
	From	Pay To		Proposed Well Depth _____
	0		3	Top Soil
	3		19	Brown Clay
	19		74	Sand - fine few med
	74		93	Sand - fine & sandy clay
	93		174	Brown sandy clay, few sand stks few small cemented ledges
70	174	29	203	Sand - fine to med coarse small gravel few clay stks
	203		214	Brown sandy clay, sand stringers
65	214	20	234	Sand - fine to med coarse small gravel
45	234	5	239	Sand - fine to med coarse small gravel & small brown clay stks
60	239	11	250	Sand - fine to med coarse small to med gravel
	250		256	Brown clay & limerock
70	256	14	270	Sand - fine to med coarse small to med gravel uses water
65	270	26	296	Sand - fine to med coarse small to med gravel few small clay stringers & very few clay stks uses water
	296		320	Brown sandy clay few sand stks
55	320	9	329	Sand fine to med coarse small gravel limerock cemented in places
	329		339	Brown & brown sandy clay
50	339	5	344	Sand - fine to med coarse cemented in places
	344		363	Brown & brown sandy clay few sand stks
45	363	6	369	Sand - fine to med cemented in places
	369		379	Brown sandy & white clay stks, limerock
30	379	13	392	Sand - fine & small, white clay & brown sandy clay
	392		396	Brown clay
50	396	7	403	Sand - fine to med, loose
	403		418	Brown clay, few white rock ledges, few fine sand stks
30	418	15	433	Sand - fine & brown clay
50	433	17	450	Brown sandstone very loose, uses water
40	450	22	472	Sand - fine to med & brown sandy clay
70	472	44	516	Sand - fine to med coarse small & few med brown & tan rock
				few hard clay stks uses water
	516		530	Hard brown clay
	530		565	White & gray soapstone red clay stks sticky few red rock
				2 sacks Quik-Gel
				Set up West, Pits North
				T.D. 520' 525'

**GARDEN CITY, KS** **HENKLE DRILLING & SUPPLY CO., INC.** **SUBLETTE, KS**  
**Phone 276-3278** **IRRIGATION HEADQUARTERS** **Phone 675-4311**  
**TEST HOLES \* \* \* \* \*** **IRRIGATION & INDUSTRIAL WELLS \* \* \* \* \*** **STOCK WELLS**