WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: Haskell	SE ¼ NE ¼ SW ¼	3	T 29 S	R 31 E (W)

Distance and direction from nearest town or city? Approx 7½ miles East & 4½ miles North of Sublette, KS

Street address of well if located within city?

2 WATER WELL OWNER: Lawrence Withers

RR#, St. Address, Box # :

City, State, ZIP Code : Copeland, KS 67837

Board of Agriculture, Division of Water Resources Application Number: 31,887

3 DEPTH OF COMPLETED WELL 518 ft. Bore Hole Diameter 26 in. to ft., and in. to ft.

Well Water to be used as: 1 Domestic 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Lawn and garden only 8 Air conditioning 9 Dewatering 10 Observation well 11 Injection well 12 Other (Specify below)

Well's static water level 202 ft. below land surface measured on November month 17 day 1980 year

Pump Test Data: Well water was 255 ft. after 4 hours pumping 1,480 gpm

Est. Yield 1500 gpm: Well water was ft. after hours pumping gpm

4 TYPE OF BLANK CASING USED: 1 Steel 2 PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below)

Casing Joints: Glued Clamped Welded X Threaded

Blank casing dia 16 in. to 518 ft., Dia in. to ft., Dia in. to ft.

Casing height above land surface 16 in., weight 42.05 lbs./ft. Wall thickness or gauge No .250

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 PVC 8 RMP (SR) 9 ABS 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)

Screen or Perforation Openings Are: 1 Continuous slot 2 Louvered shutter 3 Mill slot 4 Key punched 5 Gauzed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) 11 None (open hole)

Screen-Perforation Dia 16 in. to 518 ft., Dia in. to ft., Dia in to ft.

Screen-Perforated Intervals: From 231-256 ft. to 266-366 ft., From 416-516 ft. to ft.

From ft. to ft., From ft. to ft.

Gravel Pack Intervals: From 10 ft. to 518 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 2 Sewer lines 3 Lateral lines 4 Cess pool 5 Seepage pit 6 Pit privy 7 Sewage lagoon 8 Feed yard 9 Livestock pens 10 Fuel storage 11 Fertilizer storage 12 Insecticide storage 13 Watertight sewer lines 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)

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

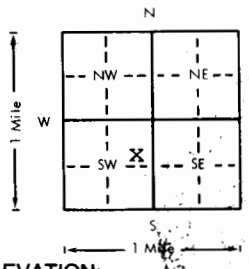
Depth of Pump Intake ft. Pumps Capacity rated at gal./min.

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 November month 21 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 December month 4 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:



ELEVATION:

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		See Attached Log			

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 29 R 31 E (W) SEC. 3 SE¼ NE¼ SW¼

DRILLERS TEST LOG

CUSTOMERS NAME Lawrence Withers DATE 11-17-80
STREET ADDRESS _____ TEST # 4 E. LOG Yes
CITY & STATE Copeland, KS DRILLER Mai
COUNTY Haskell QUARTER SW SECTION 3 TOWNSHIP 29 RANGE 31

LOCATION Well Location

%	FOOTAGE From	Pay	To	DESCRIPTION OF STRATA — Static Water Level _____ Proposed Well Depth _____
	0		2	Brown clay
	2		6	Top Soil
	6		12	Brown sandy clay
	12		46	Brown clay & caliche
	46		60	Fine sand & gray clay stks
	60		82	Fien sand brown clay stks
	82		116	Sand - fine to med few clay & stks
	116		146	Sand - fine to med coarse small to med gravel
	146		150	Brown clay
70	150	44	244	Sand - fine to med coarse small to med few large few clay stks, loos
	244		253	Brown clay few sand stks
	253		263	Blue clay
55	263	18	281	Sand - fine to med coarse med small & small gravel few clay stks
30	281	14	295	Sand - fine to med coarse & white clay
	295		300	White clay
25	300	20	320	Sand - fine to med coarse & white and brown clay
50	320	6	326	Sand - fine to med coarse small gravel & limerock
35	326	21	347	Sand - fine to med coarse small gravel clay stks
	347		353	Blue clay & blue sand
35	353	11	364	Sand - fine to med coarse small & few med gravel few small blue clay stks
	364		375	Blud sand - fine to med coarse blue clay stks
	375		384	Blue clay & blue sand
30	384	10	394	Sand - fine to med coarse small gravel few blue clay stks
	394		402	Brown clay sandstone stks
poor	402	27	429	Brown sandstone sandy soapstone & limerock
	429		440	Brown & yellow soapstone few brown rock ledges hard
good	440	4	444	Brown rock & sandstone firm & rough
	444		465	Yellow & gray soapstone & red clay stks, sticky shale stks
fair	465	15	480	Brown & red sandstone soapstone stks
good	480	35	515	Brown sandstone uses very little water
	515		520	Brown soapstone & sandstone
	520		530	Sahle soapstone siks
	530		540	Shale
				2 sacks Quik-Gel
				Set up West Pits North
				T.D. of well 518'

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