

1 LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: MEADE	<u>SW</u> 1/4 <u>SW</u> 1/4 <u>SW</u> 1/4	28	T 31 S	R 27 EW

Distance and direction from nearest town or city? **Approx. 3 1/2 mi East & 1 1/2 mi North of Meade, KS**
 Street address of well if located within city?

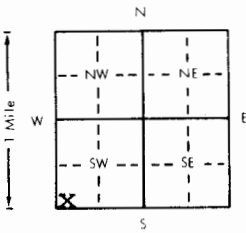
2 WATER WELL OWNER: **Bill Cottrell**
 RR#, St. Address, Box # :
 City, State, ZIP Code : **Meade, Kansas 67864**
 Board of Agriculture, Division of Water Resources
 Application Number: **33,265**

3 DEPTH OF COMPLETED WELL: **190** ft. Bore Hole Diameter: **24** in. to **190** 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: **68** ft. below land surface measured on **JUNE** month **10** day **1980** year
 Pump Test Data: Well water was **178** ft. after **4** hours pumping **358** gpm
 Est. Yield **350** 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 **190** 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) 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-Perforation Dia **16** in. to **185** ft., Dia in. to ft., Dia in. to ft.
 Screen-Perforated Intervals: From **135** ft. to **185** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 Gravel Pack Intervals: From **10** ft. to **190** 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 **X** No
 If Yes: Pump Manufacturer's name **National** Model No. HP **70** Volts
 Depth of Pump Intake **180** ft. Pumps Capacity rated at **350** 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 **9** 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 **24** 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

DRILLERS TEST LOG

CUSTOMERS NAME Bill Cottrell DATE 6-28-79
STREET ADDRESS _____ TEST # 1 E. LOG yes
CITY & STATE Meade, Kansas DRILLER Rector
COUNTY Meade QUARTER SW SECTION 28 TOWNSHIP 31 RANGE 7

LOCATION 150' East of South West corner of the South West Quarter of Sec. 28

Well Location

%	FOOTAGE		DESCRIPTION OF STRATA	Static Water Level _____
	From	Pay To		Proposed Well Depth _____
	0	3	Top Soil	
	3	30	Brown Sandy Clay & Sand	
	30	50	Brown clay, Murky, Sticky	
	50	56	Sand fine, med. coarse, small gravel	
	56	60	Brown clay & Calichee	
	60	80	Sand fine Med. coarse small gravel loose Used lots of Water.	
40	80	10	90 Cemented sand fine med. coarse some small gravel.	
	90	106	Brown clay, calichee, & sand	
	106	120	Brown clay, gyp rock & sand sts.	
45	120	6	126 Sand fine, med. coarse & sts. of gyp rock. Loose Used Water	
	126	135	Brown clay & gyp rock	
65	135	25	160 Sand, fine, syp rock firm to loose Used Water.	
70	160	10	170 Sand fine med. coarse small gravel, brown & tan rock firm to loose Used Water.	
85	170	10	180 Brown & tan rock & some soap stone. used pull down, Took Water/	
	180	185	Brown & Blue Clay	
	185	200	Shale	
		61		
<i>Total Depth of Well 190 ft</i>				

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