

1 LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: Meade	$\frac{1}{2}$ C-NE $\frac{1}{4}$ NW $\frac{1}{4}$	33	T 31 S	R 29 E

Distance and direction from nearest town or city? From Plains go 5mi East $\frac{1}{2}$ mi East 13/4mi North East into location. Street address of well if located within city?

2 WATER WELL OWNER: Calvin Exploration Verbal approval 12-3-80
 RR#, St. Address, Box # : c/o Bob Higgenbottom 322 N. Lincoln Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : Liberal, Kansas 67901 Application Number: T 80-615

3 DEPTH OF COMPLETED WELL: 280 ft. Bore Hole Diameter: 9 in. to ... ft., and ... in. to ... ft.
 Well Water to be used as:
 1 Domestic 3 Feedlot 5 Public water supply 6 Oil field water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 7 Lawn and garden only 9 Dewatering 12 Other (Specify below)
 10 Observation well
 Well's static water level: 152 ft. below land surface measured on: December month 4th day 1980 year
 Pump Test Data: Well water was ... ft. after ... hours pumping ... gpm
 Est. Yield 60 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 ...
 7 Fiberglass Threaded ...
 Blank casing dia: 5" in. to 200 ft. Dia ... in. to ... ft. Dia ... in. to ... ft.
 Casing height above land surface: 28 in. weight 2.78 lbs./ft. Wall thickness or gauge No. 256
 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: 5" in. to 80 ft. Dia ... in. to ... ft. Dia ... in. to ... ft.
 Screen-Perforated Intervals: From 200 ft. to 280 ft. From ... ft. to ... ft. From ... ft. to ... ft.
 Gravel Pack Intervals: From 100 ft. to 280 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:
 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: North East How many feet: 100 ? Water Well Disinfected? Yes No
 Was a chemical/bacteriological sample submitted to Department? Yes No If yes, date sample was submitted ... month ... day ... year Pump installed? Yes No
 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 December month 4th day 1980 year
 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 118
 This Water Well Record was completed on December month 19th day 1980 year under the business name of Carlile Water Well Service, Inc. by (signature) Edward E. Means

7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		0	2	Surface		
2		112	Clay			
112		146	Fine sand			
146		153	Sandy clay			
153		280	Fine sand			

ELEVATION: Depth(s) Groundwater Encountered 1. 128 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 31 R 29 SEC 33 C. OF NE 1/4 NW 1/4