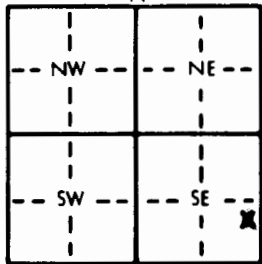


1 LOCATION OF WATER WELL: County: **ELLIS** Fraction: **NE 1/4 SE 1/4 SE 1/4** Section Number: **33** Township Number: **T 13 S** Range Number: **R 18 W**

Distance and direction from nearest town or city street address of well if located within city?
17 1/2 mi S VINE, HAYS, KS **EX-1**

2 WATER WELL OWNER: **KDHE (LEROY'S DIAMOND SHAMROCK)**
 RR#, St. Address, Box #: **2301 E. 13th**
 City, State, ZIP Code: **HAYS, KANSAS 67601**
 Board of Agriculture, Division of Water Resources
 Application Number: **199out**

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

 4 DEPTH OF COMPLETED WELL: **55** ft. ELEVATION: **199out**
 Depth(s) Groundwater Encountered: **29** ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: **29.94** ft. below land surface measured on **3/16/93**
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: **8** in. to **55 REAMED** and **12** in. to **55** 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 Monitoring well 11 Injection well 12 Other (Specify below) **Extraction Well (H₂O)**
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No **X**; If yes, mo/day/yr sample was sub-mitted _____
 Water Well Disinfected? Yes _____ No **X**

5 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) 10 Asbestos-cement 11 Other (specify) 12 None used (open hole)
 Blank casing diameter: **4** in. to **19** ft. Dia: **4** in. to **50-55** ft. Dia _____ in. to _____ ft.
 Casing height above land surface: **0** in., weight _____ lbs./ft. Wall thickness or gauge No. **Sch 40**
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 2 Brass 3 Stainless steel 4 Galvanized steel 5 Fiberglass 6 Concrete tile 7 RMP (SR) 8 ABS 9 Other (specify) 10 Other (specify) 11 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) **PVC wrap** 11 None (open hole)
 SCREEN-PERFORATED INTERVALS: From **25** ft. to **50** ft. From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From **21 1/2** ft. to **55** ft. From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grout Intervals: From **0** ft. to **18** ft. From **18** ft. to **21** ft. From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens 11 Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)
 Direction from well? **NA** How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1.5	Asphalt			
1.5	4.5	Silty Clay			
4.5	6.5	Clayey silt			
6.5	19.5	Clay			
19.5	22.5	Silt			
22.5	24.5	Silty Sand			
24.5	28	Clay			
28	33	Clayey Silt			
33	36	Silty Sand			
36	38	Silty Clay			
38	43	Silty Sand			
43	55	Sand			

24" REGULAR TRAFFIC
Box Completion

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was **(1)** constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on **3-16-93** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **102** This Water Well Record was completed on **3-24-93** under the business name of **Layne, Inc.** by (signature) **Steven R. Mitchell**

