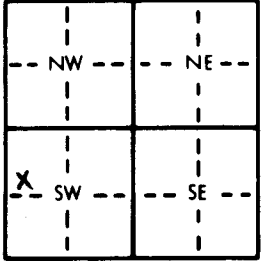


1 LOCATION OF WATER WELL: County: **Grant** Fraction: **NW 1/4 SW 1/4 SW 1/4** Section Number: **4** Township Number: **T 30 S** Range Number: **R 38W E/W**

Distance and direction from nearest town or city street address of well if located within city? **Ulysses, Kansas - 6 3/4 miles West - 7 3/4 miles South into location.**


2 WATER WELL OWNER: **James & Lola F Hickok** ARCO OIL & GAS / Exeter #13  
 RR#, St. Address, Box #: **Ulysses, Kansas** Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: **Ulysses, Kansas** Application Number: **T 88-364**

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: **340'** ft. ELEVATION: **140'** ft.  
 Depth(s) Groundwater Encountered 1. **140'** ft. 2. **140'** ft. 3. **140'** ft.  
 WELL'S STATIC WATER LEVEL **140'** ft. below land surface measured on **07/27/88**  
 Pump test data: Well water was **165'** ft. after **2** hours pumping **120** gpm  
 Est. Yield **120** gpm: Well water was **165'** ft. after **2** hours pumping **120** gpm  
 Bore Hole Diameter: **11** in. to **340** ft., and **11** in. to **340** ft.  
 WELL WATER TO BE USED AS:  
 1 Domestic 3 Feedlot **6 Oil field water supply** 9 Dewatering 12 Other (Specify below)  
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well  
 Was a chemical/bacteriological sample submitted to Department? Yes.....No.....**X**; If yes, mo/day/yr sample was submitted  
 Water Well Disinfected? Yes **X** No

5 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 diameter **6.625** in. to **240** ft., Dia. **3.71** in. to **280** ft., Dia. **280** in. to **280** ft.  
 Casing height above land surface **28** in., weight **3.71** lbs./ft. Wall thickness or gauge No. **280**  
 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-PERFORATED INTERVALS: From **240** ft. to **340** ft., From **240** ft. to **340** ft.  
 From **240** ft. to **340** ft., From **240** ft. to **340** ft.  
 GRAVEL PACK INTERVALS: From **22** ft. to **90** ft., From **100** ft. to **340** ft.  
 From **22** ft. to **90** ft., From **100** ft. to **340** ft.

6 GROUT MATERIAL: **1 Neat cement** 2 Cement grout **3 Bentonite** 4 Other.....  
 Grout Intervals: From **0** ft. to **2** ft., From **2** ft. to **22** ft., From **90** ft. to **100** ft.  
 What is the nearest source of possible contamination:  
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens **14 Abandoned water well**  
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage **15 Oil well/Gas well**  
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)  
 13 Insecticide storage  
 Direction from well? **Northeast** How many feet? **1100'**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	Surface			
2	21	Sandy Clay			
21	32	Blue Shale			
32	113	Sandy Clay			
113	150	Med. to large sand - gravel			
150	300	10% Clay - 90% Med. to large sand			
300	330	20% Clay - 80% Gravel			
330	340	40% Clay - 60% Sandy Clay			

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 (mo/day/year) **07/27/88** 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 (mo/day/yr) **07/29/88** under the business name of **Carlile Water Well Service, Inc.** by (signature) 

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, Bureau of Water Protection, Topeka, Kansas 66620-7320, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY  
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R  
EW  
SEC.  
1/4  
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