

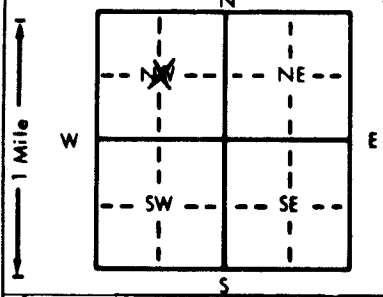
WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL:	Fraction Center NW 1/4	Section Number 34	Township Number T 28 S	Range Number R 1 EW
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Distance and direction from nearest town or city street address of well if located within city?
3000' S-SE 6200 S. Ridge Road; Wichita, KS **40875106 MW-1A (East Well)**

2 WATER WELL OWNER: **Vulcan Chemicals**
 RR#, St. Address, Box # : **P.O. Box 12283** Board of Agriculture, Division of Water Resources
 City, State, ZIP Code : **Wichita, KS 67277** Application Number:

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



4 DEPTH OF COMPLETED WELL... **102'** ft. **ELEVATION: Approx. Surface 1305** ft.
 Depth(s) Groundwater Encountered 1. **33** ft. 2. **48.5** ft. 3. ft.
WELL'S STATIC WATER LEVEL . 49.0 ft. below land surface measured on mo/day/yr **10/28/87**
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield .. **N/A**... gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter .. **8.5** in. to **102** ft., and in. to ft.
WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well
 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 No **X**

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile **CASING JOINTS:** Glued Clamped
 1 Steel 3 RMP (SR) 6 Asbestos-Cement **9** Other (specify below) Welded
 2 PVC 4 ABS 7 Fiberglass **316 Stainless Steel** Threaded. **X**
 Blank casing diameter ... **2** in. to **92** ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface **36** in., weight lbs./ft. Wall thickness or gauge No. **Schedule 5/40**

TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement
 1 Steel **3** Stainless steel 316 5 Fiberglass 8 RMP (SR) 11 Other (specify)
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 1 Continuous slot 3 Mill slot **6** Wire wrapped 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)

SCREEN-PERFORATED INTERVALS: From **92** ft. to **102** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From **90** ft. to **102** ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement **2** Cement grout **3** Bentonite 4 Other
 Grout intervals: From **0** ft. to **80.5** ft., From **80.5** ft. to **90** ft., From ft. to ft.
 What is the nearest source of possible contamination: 10 Livestock pens 14 Abandoned water well
 1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage **16** Other (specify below)
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage **Landfill**
 Direction from well? **North** How many feet? **1500**

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0'	15.5'	Brown, Lean to Fat Silty Clay With Calcareous Material			
15.5'	18'	Brown Fat Clay With Silty Fine Sand			
18'	23'	Brown Fine to Medium Sand With Clay Seams			
23'	27'	Brown Fine to Coarse Sand With Gravel			
27'	48.5'	Brown Silty Fine Sand With Clay Seams			
48.5'	71'	Brown Fine to Medium Sand, Trace Coarse Sand With Occasional Clay Seams			
71'	81'	Brown Lean Clay			
81'	89'	Brown Alternating Layers of Lean Clay and Sand			
89'	100.5'	Brown Fine to Coarse Sand			
100.5'	102'	Gray Highly Weathered Shale			

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) **10/13/87** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **A16** This Water Well Record was completed on (mo/day/yr) **11-17-87** under the business name of **TEMPACON CONSULTANTS 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, Office of Oil Field and Environmental Geology, Regulation and Permitting Section, Topeka, Kansas 66620-7500, Telephone: 913-862-9360. Send one to WATER WELL OWNER and retain one for your records.