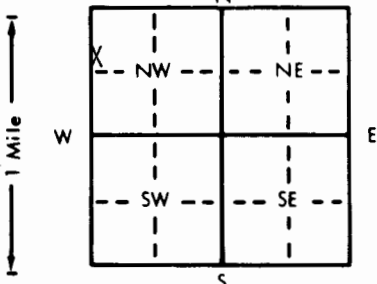


1 LOCATION OF WATER WELL: County: Butler Fraction: SW 1/4 NW 1/4 NW 1/4 Section Number: 29 Township Number: T 24 S Range Number: R 4 **EW**

Distance and direction from nearest town or city street address of well if located within city?
SEE ATTACHED #1B

2 WATER WELL OWNER: ENGINEERING ENTERPRISES, INC.
 RR#, St. Address, Box #: 1225 WEST MAIN, SUITE 215 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: NORMAN, OK 73069 Application Number:

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

 4 DEPTH OF COMPLETED WELL: 38 ft. ELEVATION: 1344.12
 Depth(s) Groundwater Encountered 1. 34 ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: NA ft. below land surface measured on mo/day/yr
 Pump test data: Well water was NA ft. after _____ hours pumping _____ gpm
 Est. Yield 5 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 7 7/8 in. to 40 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 **MONITOR**
 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:
 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 **X** _____
 Blank casing diameter 4 in. to 38 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 36 in., weight _____ lbs./ft. Wall thickness or gauge No. SCH 40
 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-PERFORATED INTERVALS: From 28 ft. to 38 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 27 ft. to 40 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 24 ft., From 24 ft. to 27 ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Lateral lines 7 Pit privy **1 Fuel storage** 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below) _____
 Direction from well? _____ How many feet? 380

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		SEE ATTACHED			

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) 6-5-86 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 458 This Water Well Record was completed on (mo/day/yr) 7-11-86 under the business name of JIM WINNEK, INC. by (signature) *William D. Poy*

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, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

TEST HOLE NUMBER 1B

Job Potwin Terminal, Kansas Location Marshall Ave., North Boundary

Date 2/18/86 Logged By C. Bartlett













Drilling Company Jim Winnek, Inc. Driller Bob Maston Rig Air Rotary


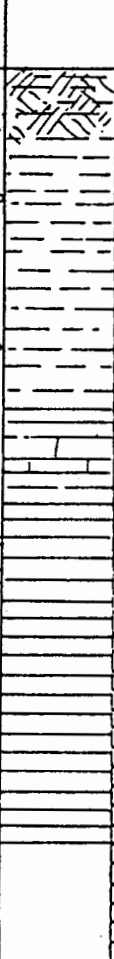
Hole Size 4-3/4" pilot, 7-7/8" Casing Details 4" threaded flush joint

PVC (Triloc) 10 ft 20 slot screen 30 ft. blank

G. L. Elev. 1344.12 M. P. 3.1 Elev. M. P. 1347.22

LEGEND: 8-12 gravel pack

Topsoil		Sand		Limestone	
Clay		Bentonite		Native Fill	
Shale		Cement Grout		PVC Casing	
Silt		Gravel Pack		PVC Screen	

Casing	Log	Description	Remarks
		0 Topsoil, clay, brown	
		5 Clay, red	
		10	
		15 Clay, red with hard white nodules	
		Shale, tan, hard	
		20 Limestone, whitish-tan	
		Shale, yellow tan	
		25 Shale, gray	
		30	
		Some water @ 34'	
		35	
		40 Shale, green	