

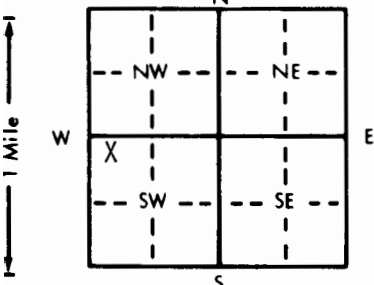
1] LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 SW 1/4 Section Number 29 Township Number T 24 S Range Number R 4 **E/W**
 County: BUTLER

Distance and direction from nearest town or city street address of well if located within city?

SEE ATTACHED #3B

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: 42 ft. ELEVATION: 1334.96



Depth(s) Groundwater Encountered 1. 14 ft. 2. 40 ft. 3. ft.
 WELL'S STATIC WATER LEVEL ft. below land surface measured on mo/day/yr
 Pump test data: Well water was ft. after hours pumping gpm
 Est. Yield .25 gpm: Well water was ft. after hours pumping gpm
 Bore Hole Diameter .7 7/8 in. to .45 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) MONITOR
 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 Threaded X

Blank casing diameter .4 in. to 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: 7 PVC 10 Asbestos-cement
 1 Steel 3 Stainless steel 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 .32 ft. to .42 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From .30 ft. to .45 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 .28 ft., From .28 ft. to .30 ft., From ft. to 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? How many feet? 20

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)

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 3B

Job Potwin Terminal, Kansas Location South of Tank 95

Date 2/19/86 Logged By C. Bartlett













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


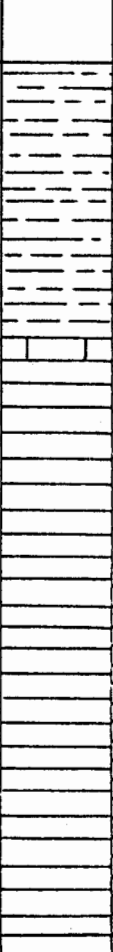
Hole Size 4-3/4" pilot, 7-7/8" Casing Details 4" threaded flush joint

PVC (Triloc) 10 ft 20 slot screen 34 1/2 ft blank

G. L. Elev. 1334.96 M. P. 2.5 Elev. M. P. 1337.46

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 Clay, black	
		5 Clay, red, brown	
		10	
		15 Limestone, tan, moist Shale, green, dry	Odor, HNU 20 ppm
		20 Shale, brown	
		25	
		30 Shale, green, gray	
		35 Shale, red	
		40 Shale, green, water	