

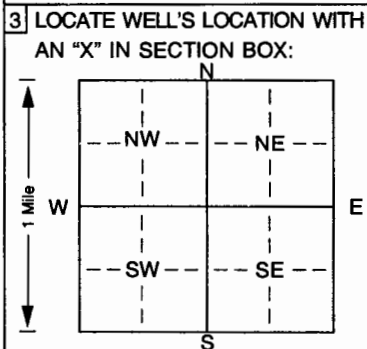
NW-04

WATER WELL RECORD Form WWC-5 KSA 82a-1212 ID No.

1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: DICKINSON	NW 1/4 NE 1/4 NW 1/4	33	T 14 S	R 3 EW

Distance and direction from nearest town or city street address of well if located within city?
CORNER OF MAIN & 3RD STREETS, NAJARRE, KS

2 WATER WELL OWNER: Board of Agriculture, Division of Water Resources
 RR#, St. Address, Box # : Application Number:
 City, State, ZIP Code :



4 DEPTH OF COMPLETED WELL: **50** ft. ELEVATION: _____

Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.

WELL'S STATIC WATER LEVEL **99.9** ft. below land surface measured on mo/day/yr _____

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: **8.25** in. to _____ 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 Domestic (lawn & garden) **10 Monitoring well**

Was a chemical/bacteriological sample submitted to Department? Yes. _____ No. _____ ; If yes, mo/day/yr sample was submitted _____

Water Well Disinfected? Yes _____ 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 _____
Blank casing diameter _____ in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.		7 Fiberglass		Threaded _____

Casing height above land surface **0** in., weight _____ lbs./ft. Wall thickness or gauge No. _____

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) _____
SCREEN OR PERFORATION OPENINGS ARE:		5 Gauzed wrapped	8 Saw cut	12 None used (open hole)
1 Continuous slot	3 Mill slot	6 Wire wrapped	9 Drilled holes	11 None (open hole)
2 Louvered shutter	4 Key punched	7 Torch cut	10 Other (specify) _____	

SCREEN-PERFORATED INTERVALS: From **40** ft. to **50** ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

GRAVEL PACK INTERVALS: From **38** ft. to **50** 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 **20** ft., From _____ ft. to _____ 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? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS

SEE ATTACHED
BRING LOGS

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) _____ and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. _____ This Water Well Record was completed on (mo/day/yr) **11-16-08** under the business name of **Terracore, Inc** by (signature) *Anthony J. Paulsen*

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, Topeka, Kansas 66620-0001. Telephone 785-296-5524. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.

LOG OF WELL NO. NW-04

CLIENT S.S. Papadopoulos, Inc.	ARCHITECT / ENGINEER
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SITE Grain Elevator Highway 43 Nevarre, Kansas	PROJECT Nevarre, Geoprobe
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GRAPHIC LOG	DESCRIPTION	WELL DETAIL	DEPTH, ft.	USCS SYMBOL	SAMPLES				TESTS	
					NUMBER	TYPE	RECOVERY, in.	SPT - N BLOWS / ft.	WATER CONTENT, %	FIELD VAPOR TEST (PPM)*
0.3	3"ROOT ZONE LEAN CLAY, brown brown with reddish brown, trace gray 2.5' to 8.5'	8.25 in 2 in ft	5			HS				
8.5	***SHALE, weathered, clayey, olive brown, trace gray		10							
11	CLAY, shaley, with shale fragments, brown to olive brown		14							
16	***SHALE, clayey, with limestone stringers, olive brown, with gray		18.5							
21	***SHALE, weathered, olive brown		21							
23	***SHALE, limestone stringers, brown to olive brown, with gray		23							
25	***SHALE, weathered, olive brown		25							
40	CLAY, silty, shaley, greenish olive brown, moist		33.0'							
42	***SHALE, weathered, clayey, olive brown		35							
48.5	trace limestone fragments 33.0' to 40.0'		40							
50	***SHALE, with limestone stringers, light gray brown		42							
50	***SHALE, and limestone gravel, light gray, with olive brown, hard		48.5							
50	***SHALE, brown to olive brown		50							
BOTTOM OF BORING All descriptions taken from drillers field logs. ***Classification estimated from disturbed samples. Core samples and petrographic analysis may reveal other rock types.										

WELL 01007102.GPJ TERRACON.GDT 11/2/00

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.

* ND indicates a reading of less than the field detection limit (FDL) of one (1) part per million isobutylene equivalents (ppmi).

WATER LEVEL OBSERVATIONS, ft			
WL	NONE	WD	NONE
WL	NONE	WD	NONE
WL	NONE	WD	NONE



BORING STARTED	10-27-00
BORING COMPLETED	10-28-00
RIG	RC2
APPROVED	AJP
FOREMAN	RC
JOB #	01007102