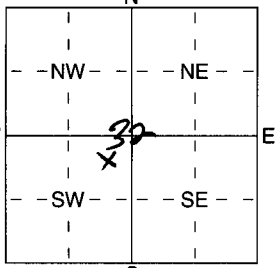


1 LOCATION OF WATER WELL: Fraction NE 1/4 NE 1/4 SW 1/4 Section Number 32 Township Number T 9 S Range Number R 10 EW
 County: Pottawatomie

Distance and direction from nearest town or city street address of well if located within city?
Approximately 1/4 mile north of Columbian and Say Road intersection

2 WATER WELL OWNER: US Army Corps of Engineers - NWK-EC-EE
 RR#, St. Address, Box #: 601 East 12th St. Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Kansas City, MO 64106 Application Number:

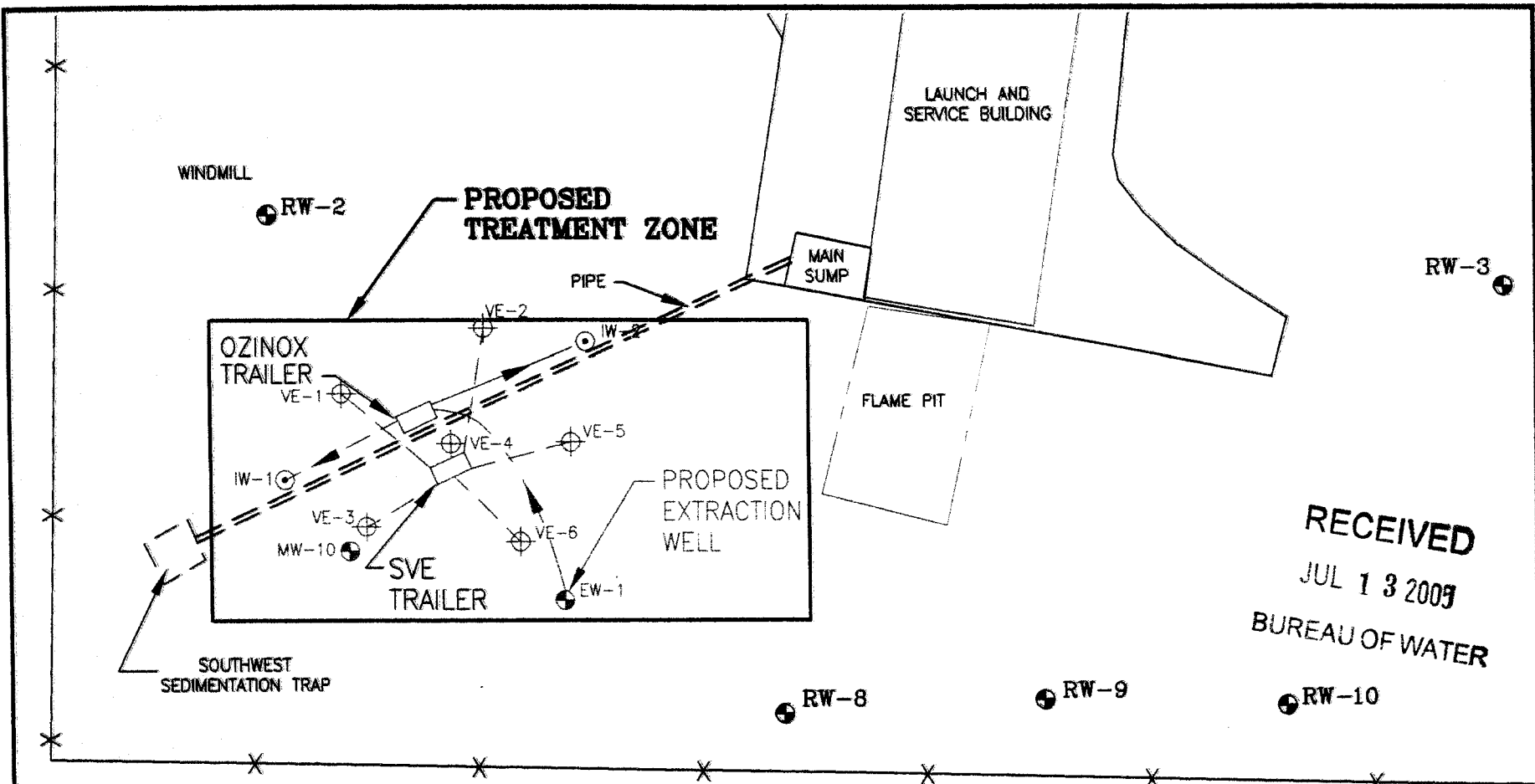
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

 4 DEPTH OF COMPLETED WELL 121.7' ft. ELEVATION: 1115.36 Am2-ground surface
 Depth(s) Groundwater Encountered 1 1 ft. 2 1 ft. 3 1 ft.
 WELL'S STATIC WATER LEVEL 104.29 ft. below land surface measured on 6/22/05
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 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 NOCS (TCE)
 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 _____
3 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____
 7 Fiberglass Threaded ✓
 Blank casing diameter 4.0" in. to 101.4 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 1.82' in. weight _____ lbs./ft. Wall thickness or gauge No. 40
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless Steel 5 Fiberglass 3 PVC Sch. 40 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 0.020 3 Mill slot 5 Gauze 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) _____ ft.
 SCREEN-PERFORATED INTERVALS: From 101.4 ft. to 121.4 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 99.5 ft. to 123.0 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite Seal 4 Other _____
 Grout Intervals: From 2.0 ft. to 89.7 ft., From 89.7 ft. to 99.5 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 18 Other (specify below)
Farmer For less S-7
Missile Site Atlas
 Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0.0	26.0	Sandy Clay - Redd. & Brown			/
26.0	40.0	Coarse Sand - Orange & Brown			
40.0	90.0	Silt - dense - Tan			
90.0	94.0	Silt w/ clay and sand lenses			
94.0	123.0	Medium Sand - w/ Coarse det. gravel			
123.0	123.5	Shale, soft - weathered			

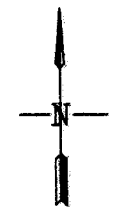
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was 1 constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 5-14-2005 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. Federal Government this Water Well Record was completed on (mo/day/yr) 6-30-2005 under the business name of US Army Corps of Engineers by (signature) Randall A. Vain - USACE



RECEIVED
 JUL 13 2009
 BUREAU OF WATER

LEGEND

- RW-2 EXISTING RESIDENTIAL WELLS
- S-7 PROPERTY BOUNDARY
- SITE BOUNDARY FENCE
- PROPOSED TREATMENT ZONE
- == DISCHARGE PIPE
- ⊙ IW-1 PROPOSED INJECTION WELLS
- ⊙ MW-10 PROPOSED MONITORING/EXTRACTION WELLS
- ⊕ VE-1 PROPOSED SVE EXTRACTION WELLS
- GROUNDWATER PIPING
- SVE PIPING



KS STATE PLANE NORTH
 COORDINATE SYSTEM US FEET

U.S. ARMY CORPS OF ENGINEERS, KC DISTRICT
 FORMER FORBES ATLAS MISSILE SITE S-7
 WAMEGO, KANSAS

PROPOSED TREATMENT LAYOUT

Drawn RAM	checked	approved	figure no.
date 05/05/05	date	date	3
job no. 01-1658-04-3245-110	file no. 3245-008.dwg		

