

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 Say and Columbian Road intersection

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

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

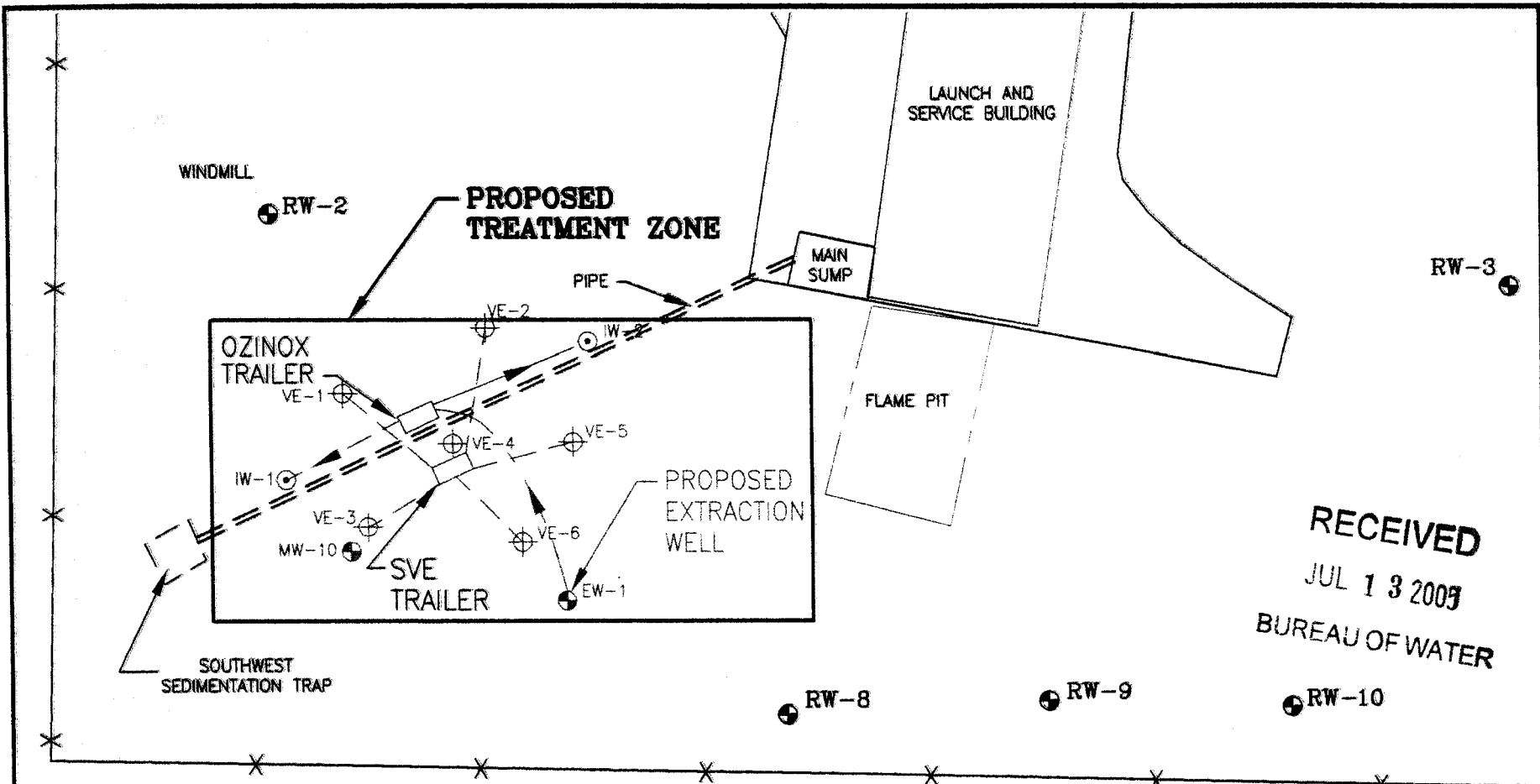
4 DEPTH OF COMPLETED WELL 126.0' ft. ELEVATION: 1115.93 AMSL ground surface
 Depth(s) Groundwater Encountered 1 _____ ft. 2 _____ ft. 3 _____ ft.
 WELL'S STATIC WATER LEVEL 105.6 ft. below land surface measured on mo/day/yr 6/22/05
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ 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 _____
 * Extraction well for treatability study - ozone system
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No X; If yes, mo/day/yr sample was submitted
 Water Well Disinfected? Yes _____ No (No)

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 4.0" in. to 105.7 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface 143.8 ft., weight _____ lbs./ft. Wall thickness or gauge No. 2140
 TYPE OF SCREEN OR PERFORATION MATERIAL: 2 PVC Sel. 40 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 0.020 3 Mill slot 9 Drilled holes
 2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify) _____ ft.
 SCREEN-PERFORATED INTERVALS: From 105.7 ft. to 125.7 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 102.4 ft. to 126.0 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 2.2 ft. to 99.0 ft., From 99.0 ft. to 102.4 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):
Former F-46 Missile Site Atlas
 Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0.0	23.0	Sandy Clay - Reddish Brown			/
23.0	44.0	Coarse Sand - Orange Brown			
44.0	90.0	Silt - Tan - Dense			
90.0	94.0	Silt - Tan w/ Sand and Clay lenses			
94.0	123.5	Coarse Sand - Medium w/ coarse chert gravel lenses			
123.5	126.0	Shale - Soft, weathered (B&H)			

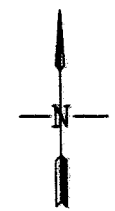
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 5-31-2005 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. Federal Government this Water Well Record was completed on (mo/day/yr) 5-30-2005 under the business name of US Army Corps of Engineers by (signature) Paula Kern-USAEC



RECEIVED
 JUL 13 2003
 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 05/06/05	Date	Date	3
Job no. 01-1488-04-8945-110	File no. 3246-002.dwg		

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