

CORRECTION(S) TO WATER WELL RECORD (WWC-5)

(to rectify lacking or incorrect information)

County: Wyandotte

Location listed as:

Location changed to:

Section-Township-Range: 2-11S-25E

2-11S-25E

Fraction ($\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$): NW NE NW

W2 NW NE NW

Other changes: Initial statements: _____

Changed to: _____

Comments: _____

verification method: Map of well locations from owner, and

North Kansas City 1:24,000 topo. map.

initials: DRL date: 9/15/2005

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726

to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <u>Wyandotte</u>		<u>NW 1/4 NE 1/4 NW 1/4</u>	<u>2</u>	T <u>11</u> S	R <u>25</u> <u>EW</u>
Distance and direction from nearest town or city street address of well if located within city? <u>2029 Fairfax KCKS 66115</u>					
2 WATER WELL OWNER: <u>Conoco Phillips Company</u>					
RR#, St. Address, Box # : <u>1215 Phillips Bldg 4205 Kicker Ave</u>			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code : <u>Bartholmeville OK 74004</u>			Application Number:		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL <u>50</u> ft. ELEVATION:			
<div><div><div>N</div><div>W</div><div>E</div><div>S</div></div><div><div>-NW-</div><div>-NE-</div><div>-SW-</div><div>-SE-</div></div><div><div>X</div></div></div>		Depth(s) Groundwater Encountered 1 ft. 2 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 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) <u>10 Monitoring well</u> <u>P2 40</u>			
Was a chemical/bacteriological sample submitted to Department? Yes No <u>X</u> ; 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 <u>2</u> PVC 4 ABS 7 Fiberglass 9 Other (specify below) Welded Blank casing diameter <u>2</u> in. to <u>30</u> ft. Dia in. to ft. Dia in. to ft. Casing height above land surface <u>29</u> in., weight lbs./ft. Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: <u>10</u> 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:					
1 Continuous slot <u>2</u> Mill slot 5 Guazed 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 <u>35</u> ft. to <u>30</u> ft., From ft. to ft. GRAVEL PACK INTERVALS: From ft. to ft., From ft. to ft. From <u>35</u> ft. to <u>27</u> ft., From ft. to ft.					
6 GROUT MATERIAL: 1 Neat cement <u>2</u> Cement grout <u>3</u> Bentonite 4 Other <u>2' Chip 15' Cement grout</u>					
Grout Intervals: From ft. to 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 <u>10</u> Livestock pens 14 Abandoned water well 2 Sewer lines 5 Cess pool 8 Sewage lagoon <u>11</u> 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					
<u>0</u> <u>13</u> <u>Brn Clay</u>					
<u>13</u> <u>39</u> <u>Brn Silt</u>					
<u>39</u> <u>50</u> <u>Brn Sand</u>					
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) <u>11-4-04</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No <u>704</u> This Water Well Record was completed on (mo/day/yr) <u>11-4-04</u> under the business name of <u>MAXS</u> by (signature) <u>David Smith</u>					
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, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well.					

**CH2MHILL**

PROJECT NUMBER 321564.SI.01		BORING NUMBER PZ-411	
		SHEET 1 OF 2	
SOIL BORING LOG			

PROJECT : Conoco Phillips - Supplemental SI		NORTHING: 307246.28	EASTING: 2274629.19
ELEVATION : 752.01 ft b.t.o.c.		DRILLING CONTRACTOR : Max's Enterprises Inc.	
DRILLING METHOD AND EQUIPMENT USED : CME 750 Rig, HSA		LOGGER : E. Molander	
WATER LEVELS : 32' bgs		START : 11/05/04 0850	END : 11/05/04 0946

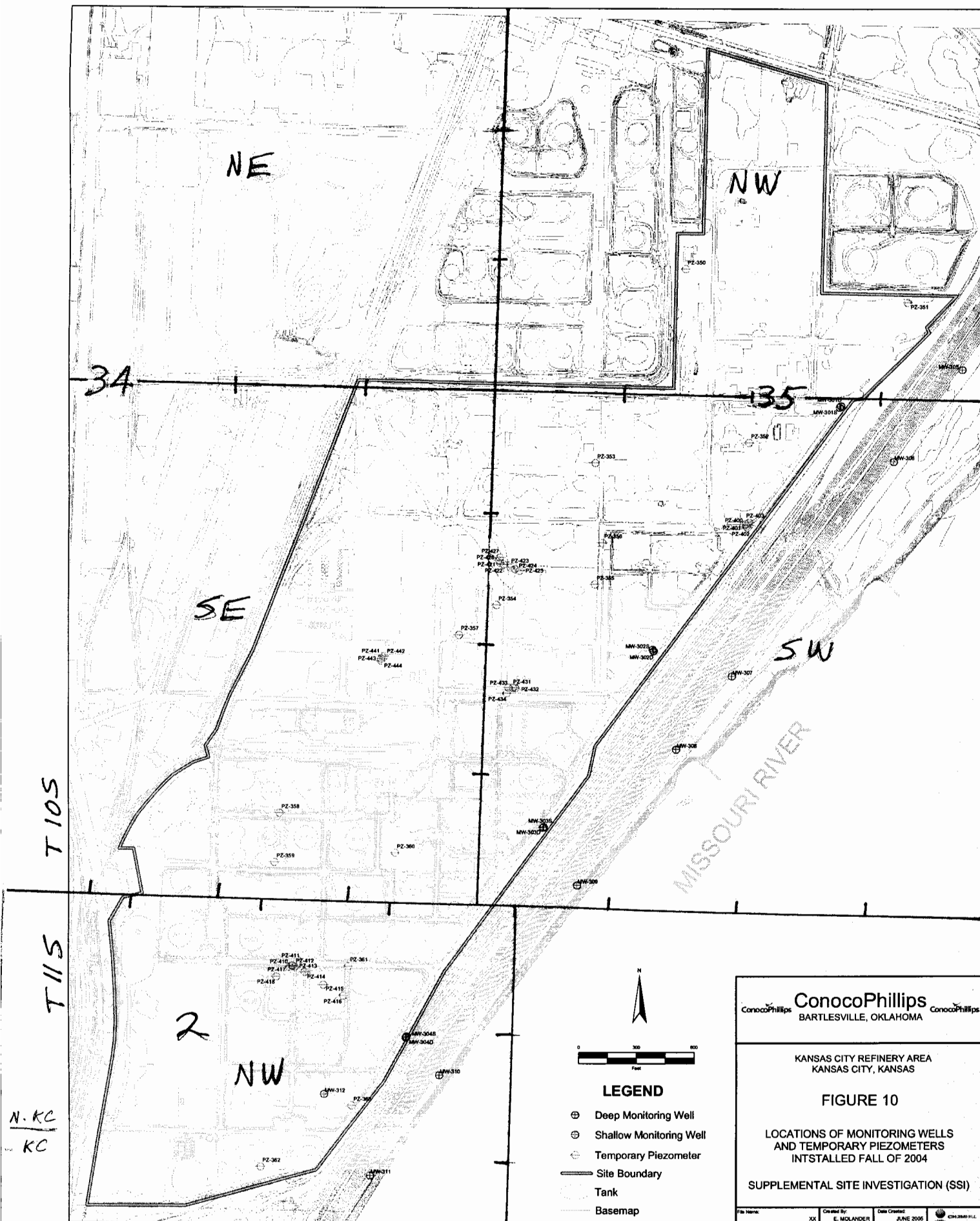
DEPTH BELOW SURFACE (FT)				STANDARD	SOIL DESCRIPTION	COMMENTS
	INTERVAL (FT)		PENETRATION	TEST RESULTS	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.
	RECOVERY (FT)					
		#/TYPE				6"-6"-6" (N)
	No Soil Sampling				0.0': Silty clay (CL), orange brown, moist, firm	
					2.0': Silty clay with trace gravel (CL), brown gray, moist,	
5					5.0': Grades dark brown to gray, increase gravel, slight odor	
					9.0': Silty clay with trace gravel (CL), dark gray, mosit, stiff, slight odor and sheen	
10					13.0': Moisture increasing slightly, odor increasing	
15					16.0': Elastic silt (MH), dark gray, mosit, odor, trace organic debris (hair-like roots)	
20					20.0': Silt with trace clay (ML), dark gray, semi-moist, crumbly, odor, some organic debris 21.0': Silt with trace clay and gravel (ML), dark gray, semi-moist, crumbly, strong odor, organic debris	
25					26.0': Silt (ML), gray to dark gray, sheen, yellowish liquid present when sample squeezed, strong odor	
30						



PROJECT NUMBER	BORING NUMBER
321564.SI.01	PZ-411
SHEET 2 OF 2	
SOIL BORING LOG	

PROJECT : Conoco Phillips - Supplemental SI				NORTHING: 307246.28		EASTING: 2274629.19	
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WATER LEVELS : 32' bgs				START : 11/04/04 0850		END : 0946	
DEPTH BELOW SURFACE (FT)			STANDARD	SOIL DESCRIPTION		COMMENTS	
INTERVAL (FT)	RECOVERY (FT)		PENETRATION	SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.		DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION.	
	#/TYPE		TEST RESULTS				
				6"-6"-6" (N)			Notes
No Soil Sampling				32.0': Sandy silt (ML), gray, wet, fine, iridescent sheen, strong odor, poorly graded			
35							
40				39.0': Poorly graded sand (SP), gray, wet, fine, iridescent sheen			
45							
50				49.9': End of boring			

R25E



ConocoPhillips
BARTLESVILLE, OKLAHOMA

KANSAS CITY REFINERY AREA
KANSAS CITY, KANSAS

FIGURE 10

LOCATIONS OF MONITORING WELLS
AND TEMPORARY PIEZOMETERS
INSTALLED FALL OF 2004

SUPPLEMENTAL SITE INVESTIGATION (SSI)

File Name:	Created By:	Date Created:	
XX	E. MOLLANDER	JUNE 2006	