

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

(to rectify lacking or incorrect information)

Location listed as:

Section-Township-Range: 22-50N-33W

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

County: Wyandotte

Location changed to:

35-10S-25E

SE SW SW SW

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: DR date: 9/9/2005

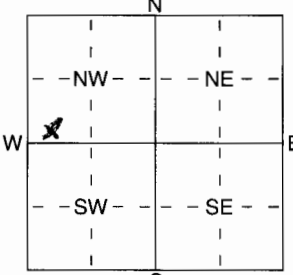
MW 309

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

1 LOCATION OF WATER WELL: Fraction NW 1/4 SW 1/4 SW 1/4 Section Number 22 Township Number T 50 N S Range Number R 33 EW
 County: Wyandotte

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

2 WATER WELL OWNER: Conoco Phillips Company
 RR#, St. Address, Box #: 1216 Phillips Bldg 420 S Keeler Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Bartholomew OK 74004 Application Number:

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

 4 DEPTH OF COMPLETED WELL 25 ft. ELEVATION:
 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:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below) MW 309
 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/yrs 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
 PVC 4 ABS 7 Fiberglass 9 Other (specify below) Welded
 Threaded
 Blank casing diameter 2 in. to 25 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface in., weight lbs./ft. Wall thickness or gauge No.
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless Steel 5 Fiberglass PVC 10 Asbestos-Cement
 2 Brass 4 Galvanized Steel 6 Concrete tile 8 RMP (SR) 11 Other (Specify)
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot Mill slot 5 Gauzed 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 35 ft. to 25 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 35 ft. to 23 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: 1 Neat cement Cement grout Bentonite 4 Other 2' chip 2' cement 9' oil
 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 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage 16 Other (specify below)
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	35	Brn Sand			

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) 11-8-04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 704 This Water Well Record was completed on (mo/day/yr) 11-8-04 under the business name of MAXS by (signature) David [unclear]

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.



PROJECT NUMBER 321564.SI.01	BORING NUMBER MW-309	SHEET 1 OF 2
SOIL BORING LOG		

PROJECT : Conoco Phillips - Supplemental SI	NORTHING: 307741.63	EASTING: 2276077.77
ELEVATION : 742.50 ft b.t.o.c.	DRILLING CONTRACTOR : Max's Enterprises Inc.	
DRILLING METHOD AND EQUIPMENT USED CME 750	LOGGER : E. Molander	
WATER LEVELS : 30-31' bgs during drilling	START : 11/8/04 1350	END : 11/8/04 1415

DEPTH BELOW SURFACE (FT)	STANDARD		SOIL DESCRIPTION	COMMENTS
	INTERVAL (FT)	PENETRATION		
	RECOVERY (FT)	6"-6"-6" (N)	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			Notes
0			0.0': Elastic silt with sand (MH), dark brown, moist, fine sand, no odor, organic debris	
2.5			2.5': Pulverized limestone, light gray	
4.0			4.0': Well graded sand with trace gravel (SW), light brown, moist, loose, no odor	
5.0			5.0': Brown, same as above	
7.0			7.0': Silt with trace clay and sand (ML), gray to dark gray, moist, soft, fine sand, slight odor	
9.0			9.0': Sandy silt with clay (ML), brown, moist, fine sand, no odor	
16.0			16.0': Sandy silt (ML), brown, moist, soft, no odor	
22.0			22.0': Poorly graded sand with clay (SP-SC), brown, moist	
29.0			29.0': Increased moisture	
31.0			31.0': Fine to medium sand, wet	
34.0			34.0': Poorly graded sand (SP), gray, wet, trace fine gravel, no odor	
34.9			34.9': End of boring	

R25E

NE

NW

34

35

SE

SW

T10S

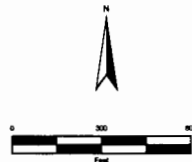
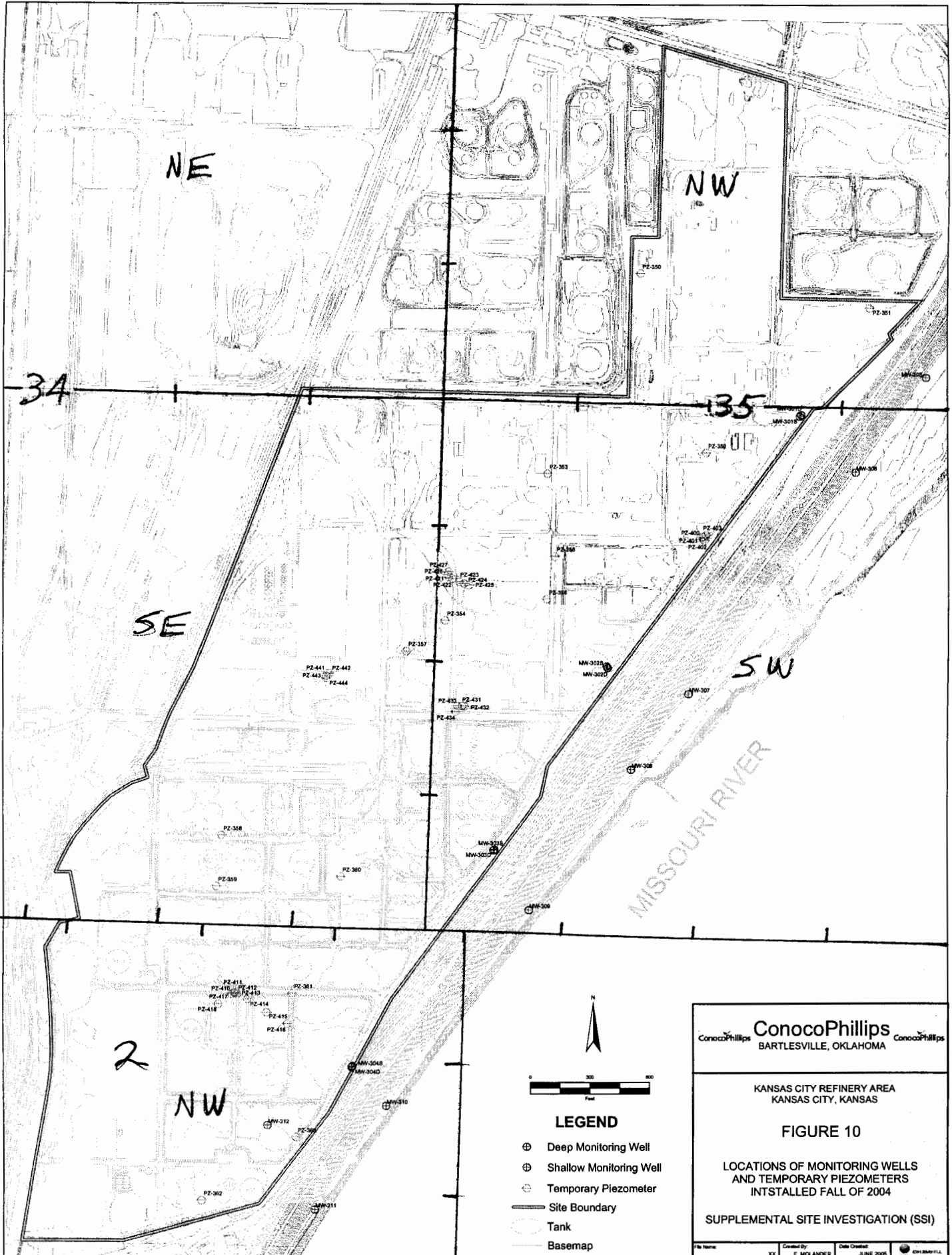
T11S

2

NW

MISSOURI RIVER

N. KC
KC



LEGEND

- ⊕ Deep Monitoring Well
- ⊕ Shallow Monitoring Well
- ⊕ Temporary Piezometer
- Site Boundary
- Tank
- Basemap


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)