

**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: 22-50N-33W

35-10S-25E

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

NE NW NE 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

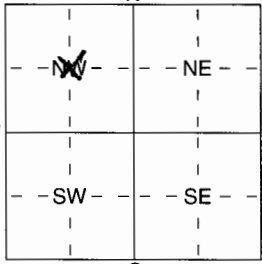
initials: DRJ date: 9/8/2005

MW 3015

1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 C 1/4 Section Number 27 Township Number T 50N S Range Number R 33 E/M  
 County: Wyandotte

Distance and direction from nearest town or city street address of well if located within city?  
2029 Fairfax RCKS 66115

2 WATER WELL OWNER: Conoco Phillips Company  
 RR#, St. Address, Box #: 1218 Phillips Bldg 420 S Keeler Ave  
 City, State, ZIP Code: Barnesville OK 74004  
 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 35 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: 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)  Monitoring well MW 3015  
 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 .....  
 PVC 4 ABS 7 Fiberglass 9 Other (specify below) Welded .....  
 Threaded .....  
 Blank casing diameter ..... 2 in. to ..... 15 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.  
 Casing height above land surface ..... 29 ft., weight ..... lbs./ft. Wall thickness or gauge No. ....  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  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  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 15 ft., From ..... ft. to ..... ft.  
 From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 35 ft. to 13 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 11 Cement Grout  
 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 10 Livestock pens 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	5	Brn Silty Clay			
5	12	Brn Sandy Silty			
12	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) 11-7-04 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) 11-7-04 under the business name of MAXS by (signature) David Lynch



PROJECT NUMBER 321564.SI.01	BORING NUMBER MW-301S	SHEET 1 OF 1
<b>SOIL BORING LOG</b>		

PROJECT : Conoco Phillips - Supplemental SI	NORTHING: 310279.62 EASTING: 2277294.58
ELEVATION : 748.59 ft b.t.o.c.	DRILLING CONTRACTOR : Max's Enterprises Inc.
DRILLING METHOD AND EQUIPMENT USED : CME 750 ATV, HSA	LOGGER : C. Morris
WATER LEVELS : sand saturated approx. 34'	START : 11/02/04 1420 END : 11/02/04 1510

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	#/TYPE	STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
				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.
						Notes
						1 Hole 8' N of MW-301D drilled to 9' - hit concrete rubble. Moved MW-301S to 8' S of MW-301D
	No Soil Sampling				0.0': Silty sandy clay (CL)/topsoil with organic matter, dark brown, moist, loose, roots 1.0': Silty clay with gravel (CL) and trace sand, medium brown, moist, loose, soft, fill	
5					5.0': Elastic silt with sand (MH), dark olive and grey, moist, plastic, HC odor	
					7.0': Sandy silt with some clay (ML), dark gray to black, moist, plastic, product and sheen, strong HC odor 7.5': Concrete to 11.5', powdered/pulverized concrete and gravel, light gray	
10					12.0': Silty sand (SM), dark olive gray, moist, fine HC odor (strong)	
15					18.0': Well graded sand (SW), light gray to tan, moist, poorly sorted, HC odor	
20					33.0': Poorly graded sand with gravel (SP), grayish brown, wet, fine to coarse, poorly sorted, HC odor	
25					34.0': Wet to saturated	
35					35.0': End of boring	

R 25 E

NE

NW

34

35

SE

SW

T 10 S

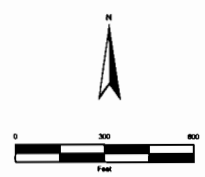
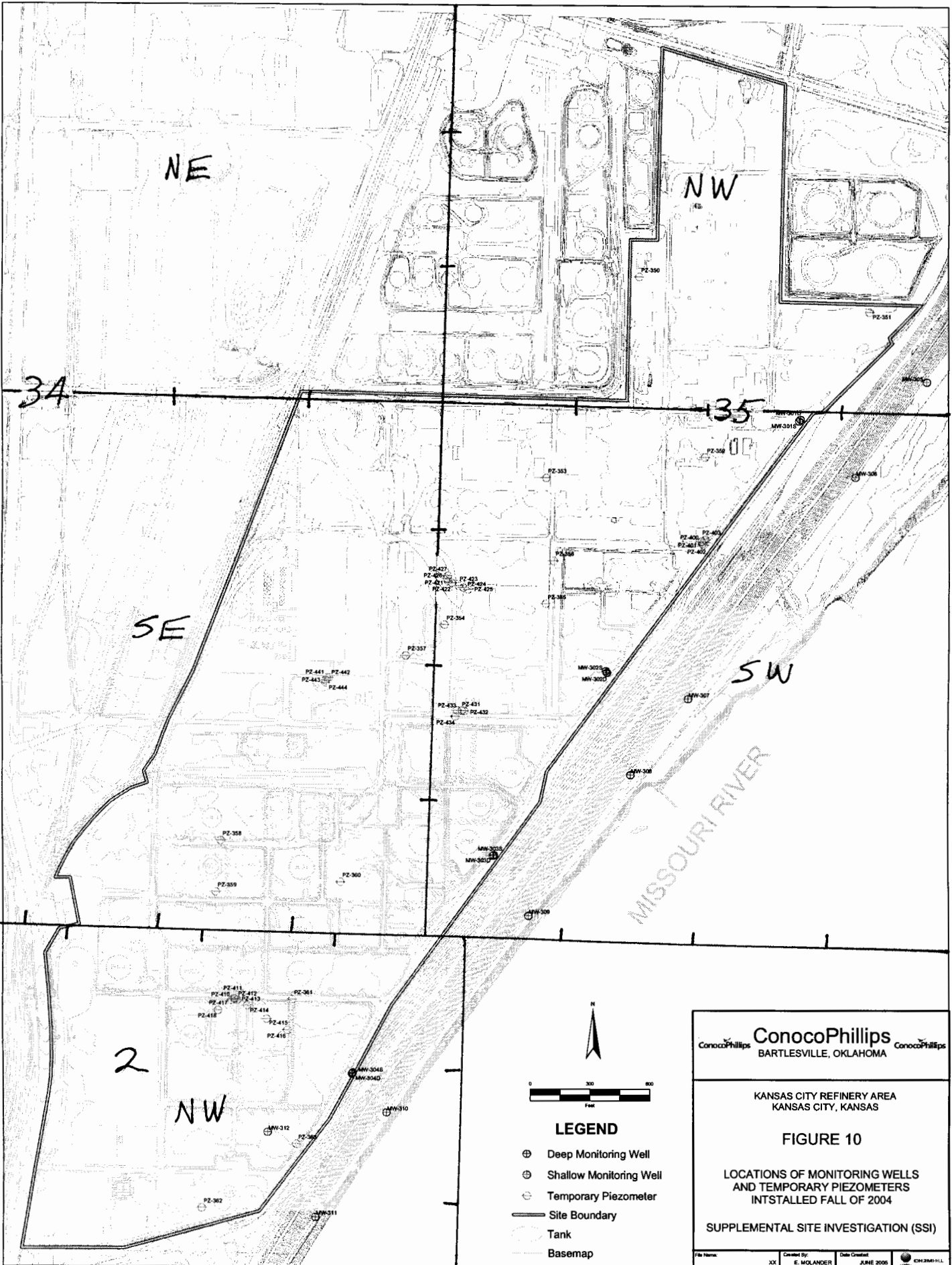
T 11 S

2

NW

MISSOURI RIVER

N. KC  
KC



**LEGEND**

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

ConocoPhillips **ConocoPhillips** 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)