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	35-105-25E
Fraction (¼ ¼ ¼): 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: DRL date: 9/8/2005

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

MW 301D

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

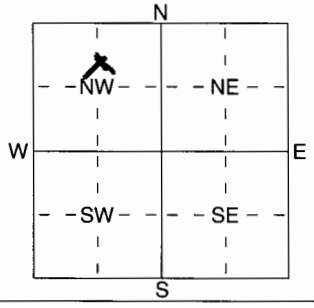
1 LOCATION OF WATER WELL: County: Wyandotte | Fraction: NW ¼ NW ¼ C ¼ | Section Number: 22 | Township Number: T 50 N S | Range Number: R 33 E (W)

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

2 WATER WELL OWNER: Conoco Phillips Company
RR#, St. Address, Box # : 1218 Phillips Bldg 420 S Keeler AVE
City, State, ZIP Code : Bartlesville 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 65 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 2 Irrigation 3 Feedlot 4 Industrial 5 Public water supply 6 Oil field water supply 7 Domestic (lawn & garden) 8 Air conditioning 9 Dewatering (10) Monitoring well MW 301A 11 Injection well 12 Other (Specify below)

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 (2) PVC 3 RMP (SR) 4 ABS 5 Wrought iron 6 Asbestos-Cement 7 Fiberglass 8 Concrete tile 9 Other (specify below) .....
CASING JOINTS: Glued ..... Clamped ..... Welded ..... Threaded .....

Blank casing diameter 2 in. to 55 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.
Casing height above land surface ..... in., weight ..... lbs./ft. Wall thickness or guage No. .....

TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 2 Brass 3 Stainless Steel 4 Galvanized Steel 5 Fiberglass 6 Concrete tile (7) PVC 8 RMP (SR) 9 ABS 10 Asbestos-Cement 11 Other (Specify) ..... 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot (3) Mill slot 2 Louvered shutter 4 Key punched 5 Guazed wrapped 6 Wire wrapped 7 Torch cut 8 Saw cut 9 Drilled holes 10 Other (specify) ..... 11 None (open hole)

SCREEN-PERFORATED INTERVALS: From 6.5 ft. to 55 ft., From ..... ft. to ..... ft.
From ..... ft. to ..... ft., From ..... ft. to ..... ft.

GRAVEL PACK INTERVALS: From 6.5 ft. to 53 ft., From ..... ft. to ..... ft.
From 53 ft. to 51 ft., From ..... ft. to ..... ft.

80/20

6 GROUT MATERIAL: 1 Neat cement (2) Cement grout 3 Bentonite 4 Other .....
Grout Intervals: From 51 ft. to 0 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

What is the nearest source of possible contamination:
1 Septic tank 2 Sewer lines 3 Watertight sewer lines 4 Lateral lines 5 Cess pool 6 Seepage pit 7 Pit privy 8 Sewage lagoon 9 Feedyard 10 Livestock pens (11) Fuel storage 12 Fertilizer storage 13 Insecticide storage 14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below) .....
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	7	Silty Clay			
7	13	Silty Sand			
13	65	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) 11-2-04 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) 11-2-04 under the business name of MAXS by (signature) David Angle

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	BORING NUMBER	
321564.SI.01	MW-301D	SHEET 1 OF 2

SOIL BORING LOG

PROJECT : Conoco Phillips - Supplemental SI
NORTHING: 310287.37 EASTING: 2277300.99
ELEVATION : 748.46 ft b.t.o.c.
DRILLING CONTRACTOR : Max's Enterprises Inc.
DRILLING METHOD AND EQUIPMENT USED CME 750
LOGGER : C. Morris
WATER LEVELS : 32.0' bgs saturated sand
START : 11/2/04 1145 END : 11/2/04 1220

DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION. Notes
	No Soil Sampling				0.0': Silty clay and gravel fill with organic matter wkth sand, medium brown, moist, loose, soft, coarse gravel, slight odor	
5					4.0': Elastic silt (MH) and fine to coarse gravel fill, light to dark brown in strata of colors, one dark gray/black layer, moist, soft, some plasticity, slight odor, stained with possible product	
					6.0': Silty clay with gravel (CL), grayish brown, very moist, soft, plastic, fine to coarse, some gravel 0.5-2" stained, black coating	
					7.0': Sandy gravelly elastic silt (MH), dark olive gray, wet, soft, plastic, HC odor	
10					8.0': Sandy silt (ML), olive gray, moist to wet, soft, plastic, fine, HC odor	
					9.0': Sandy silt (ML), dark gray, wet, fine, sheen and strong HC odor	
					10.0': Sandy silt (ML), , brownish gray, fine, sheen	
					12.5': Sandy silt (ML), olive gay, wet to saturated, sheen, strong odor, product?	
15					16.0': Silty sand (SM), olive gray, moist, fine to medium	
					19.0': Moist	
20					21.0': Silty sand (SM), tan to gray, moist, strong odor	
25					26.0': Poorly graded sand with silt (SP), gravish brown to tan	

CH2MHILL

PROJECT NUMBER	BORING NUMBER
321564.SI.01	MW-301D SHEET 2 OF 2

SOIL BORING LOG

PROJECT : Conoco Phillips - Supplemental SI
NORTHING: 310287.37 EASTING: 2277300.99
ELEVATION : 748.46 ft b.t.o.c.
DRILLING CONTRACTOR : Max's Enterprises Inc.
DRILLING METHOD AND EQUIPMENT USED CME 750
LOGGER : C. Morris
WATER LEVELS : 32.0' bgs saturated sand
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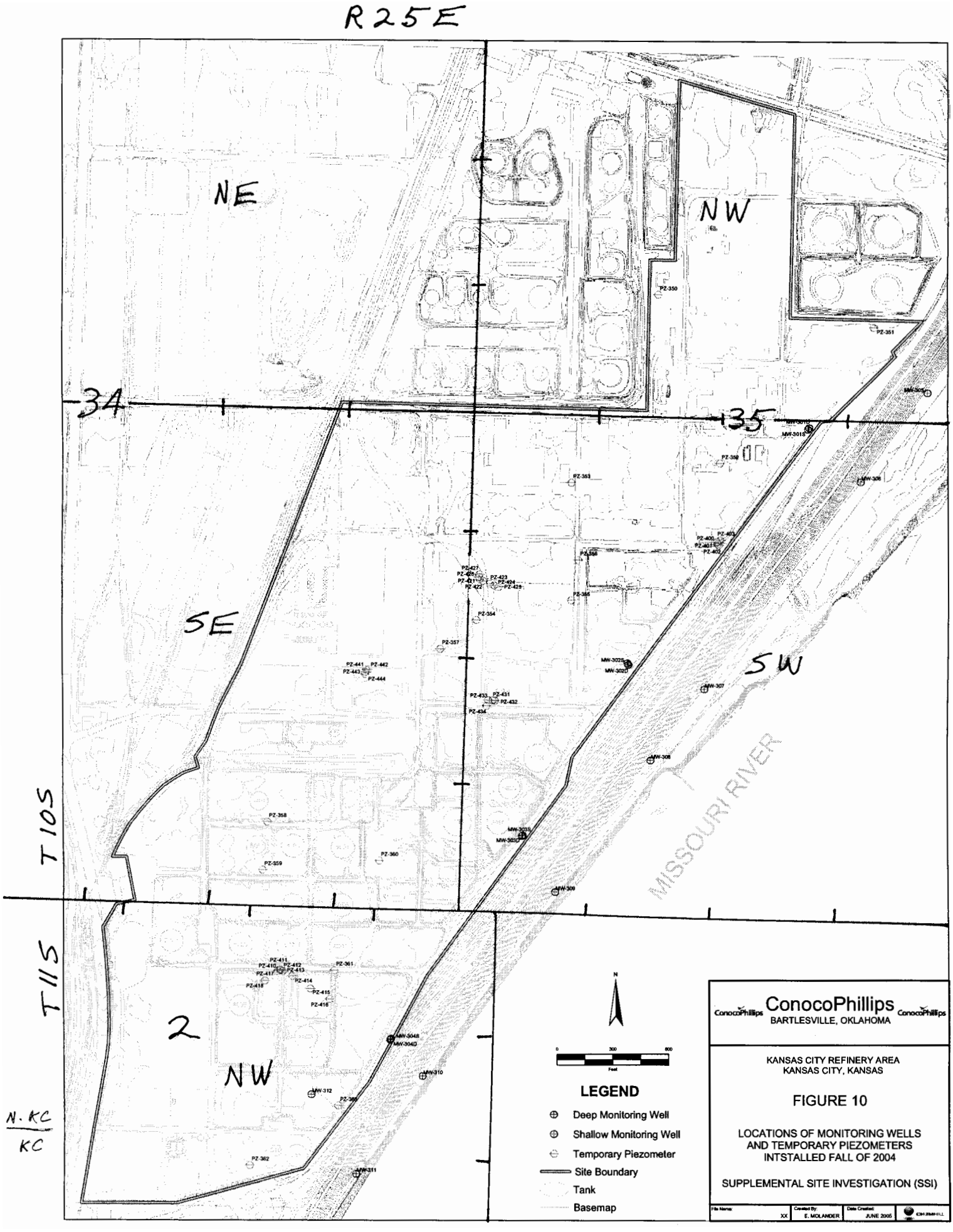
DEPTH BELOW SURFACE (FT)	INTERVAL (FT)	RECOVERY (FT)	#/TYPE	STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.	COMMENTS: DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS, AND INSTRUMENTATION. Notes
	No Soil Sampling				32.0': Well graded sand (SW), wet to saturated (at water table), fine to medium, HC odor	
35						
					38.0': Well graded sand with gravel (SW), dark olive gray, wet, HC odor	
40						
					42.0': Well graded sand with gravel (SW), dark gray, fine, grading coarser	
					48.0': Well graded sand with gravel (SW), dark gray, wet, slight HC odor, trace fines	
50						
55						
60						
65					65': End of boring	


R25E
NE
NW
SE
SW
34
35
T10S
T11S
2
NW
N. KC
KC
MISSOURI RIVER
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
INTSTALLED FALL OF 2004
SUPPLEMENTAL SITE INVESTIGATION (SSI)
File Name: XX
Created By: E. MOLANDER
Date Created: JUNE 2005