

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: 2-115-25E

2-115-25E

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

SW 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: ARL 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: Wyandotte		NW 1/4 NW 1/4	2	T 11 S	R 25 EW
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 Co. RR#, St. Address, Box #: 1218 Phillips Bldg 420 S Keeler AVE City, State, ZIP Code: Bartlesville OK 74004 35					
Board of Agriculture, Division of Water Resources Application Number:					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: <div style="text-align: center;">N - - NW X - - NE - - W - - SW - - SE - - E S</div>		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:			
		1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well			
		2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)			
		7 Domestic (lawn & garden) 10 Monitoring well P2418			
		Was a chemical/bacteriological sample submitted to Department? Yes X 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					
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded					
Blank casing diameter 2 in. Dia 15 ft. Dia in. to ft., Dia in. to ft.					
Casing height above land surface 29 in., weight lbs./ft. Wall thickness or gauge No. 26 40					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
1 Steel 3 Stainless Steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-Cement 11 Other (Specify) 5					
2 Brass 4 Galvanized Steel 6 Concrete tile 9 ABS 12 None used (open hole)					
SCREEN OR PERFORATION OPENINGS ARE:					
1 Continuous slot 3 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 35 ft. to 15 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 2 Cement grout 3 Bentonite 4 Other 13-11					
Grout Intervals: From 13 ft. to 11 ft., From 11 ft. to 0 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)					
Direction from well? How many feet?					
FROM TO LITHOLOGIC LOG FROM TO PLUGGING INTERVALS					
0 15 Brn Silty Clay					
15 20 Brn Silty Sand					
20 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) 11-23-04 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) 11-23-09					
under the business name of MAXS by (signature) David Blumh					
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 PZ-418		SHEET 1 OF 1	
SOIL BORING LOG					

PROJECT : Conoco Phillips - Supplemental SI		NORTHING: 307183.94	EASTING: 2274550.31
ELEVATION : 742.29 ft b.t.o.c.		DRILLING CONTRACTOR : Max's Enterprises Inc.	
DRILLING METHOD AND EQUIPMENT USED : CME 750 Rig, HSA		LOGGER : C. Morris	
WATER LEVELS : 26' bgs		START : 11/23/04 0750	END : 11/23/04 0815

DEPTH BELOW SURFACE (FT)				STANDARD	SOIL DESCRIPTION	COMMENTS
INTERVAL (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.
RECOVERY (FT)				TEST RESULTS		
#/TYPE				6"-6"-6" (N)		Notes
5	No Soil Sampling					
					1.0': Silty clay (CL), brown, moist, medium stiff	
					2.0': Soft	
					3.0': Sandy silty clay (CL), black, stained, moist, medium stiff, strong HC odor	
					5.0': Silty clay (CL), dark gray with black staining, moist, medium stiff, strong HC odor	
10					8.5': Sandy elastic silt (MH), dark gray, moist, fine, strong chemical/HC odor	
					11.0': Silty clay (CL), dark gray, moist, soft, strong odor	
					13.0': Sandy elastic silt (MH), dark grayish brown, moist, strong odor	
15					15.0': Sandy silt (ML), fine	
					17.0': Free product in layer, sheen, iridescence, oily, squeezes out of silts, strong odor	
20					19.0': Sandy silt (ML), dark gray to olive gray, moist to wet, soft, fine, product/oily, strong odor	
					21.0': Silty sand (SM), brownish gray, moist to wet, soft, fine, product/oily, strong odor	
25					24.0': Well graded sand (SW), tan to gray, wet, fine to coarse, strong odor	
					26.0': Grading coarser, some fine gravel, wet to saturated, oily sheen	
35					35.0': End of boring	

R25E

NE

NW

34

35

SE

SW

T10S

T11S

2

NW

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
INSTALLED FALL OF 2004

SUPPLEMENTAL SITE INVESTIGATION (SSI)

File Name: XX

Created By: E. MOLANDER

Date Created: JUNE 2005

N. KC
KC