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 SW NE	NE NE 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: DRL date: 9/9/2005

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 307

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

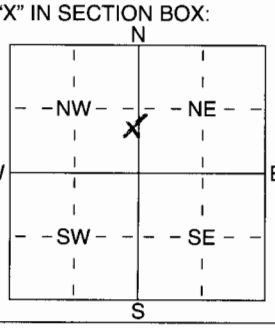
1 LOCATION OF WATER WELL: County: Wyandotte | Fraction: NW ¼ SW ¼ NE ¼ | Section Number: 22 | Township Number: T 50N S | Range Number: R 33 E/W

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 Keeler AOE
RR#, St. Address, Box # : 1218 Phillips Bldg 4303
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 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) 10 Monitoring well MW 307

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: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued ..... Clamped .....
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded .....
2 PVC 4 ABS 7 Fiberglass Threaded .....
Blank casing diameter 2 in. to 25 ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.
Casing height above land surface Flush mount in., weight ..... lbs./ft. Wall thickness or guage No. .....

TYPE OF SCREEN OR PERFORATION MATERIAL: 2 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: 5 Guazed wrapped 8 Saw cut 11 None (open hole)
1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
2 Louvered shutter 4 Key punched 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 2 Cement grout 3 Bentonite 4 Other 2'CHP 20 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 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)
13 Insecticide storage .....
Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	7	Brn Sicty Clay			
7	35	Sicty 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 MAKS by (signature) David Hungate

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.

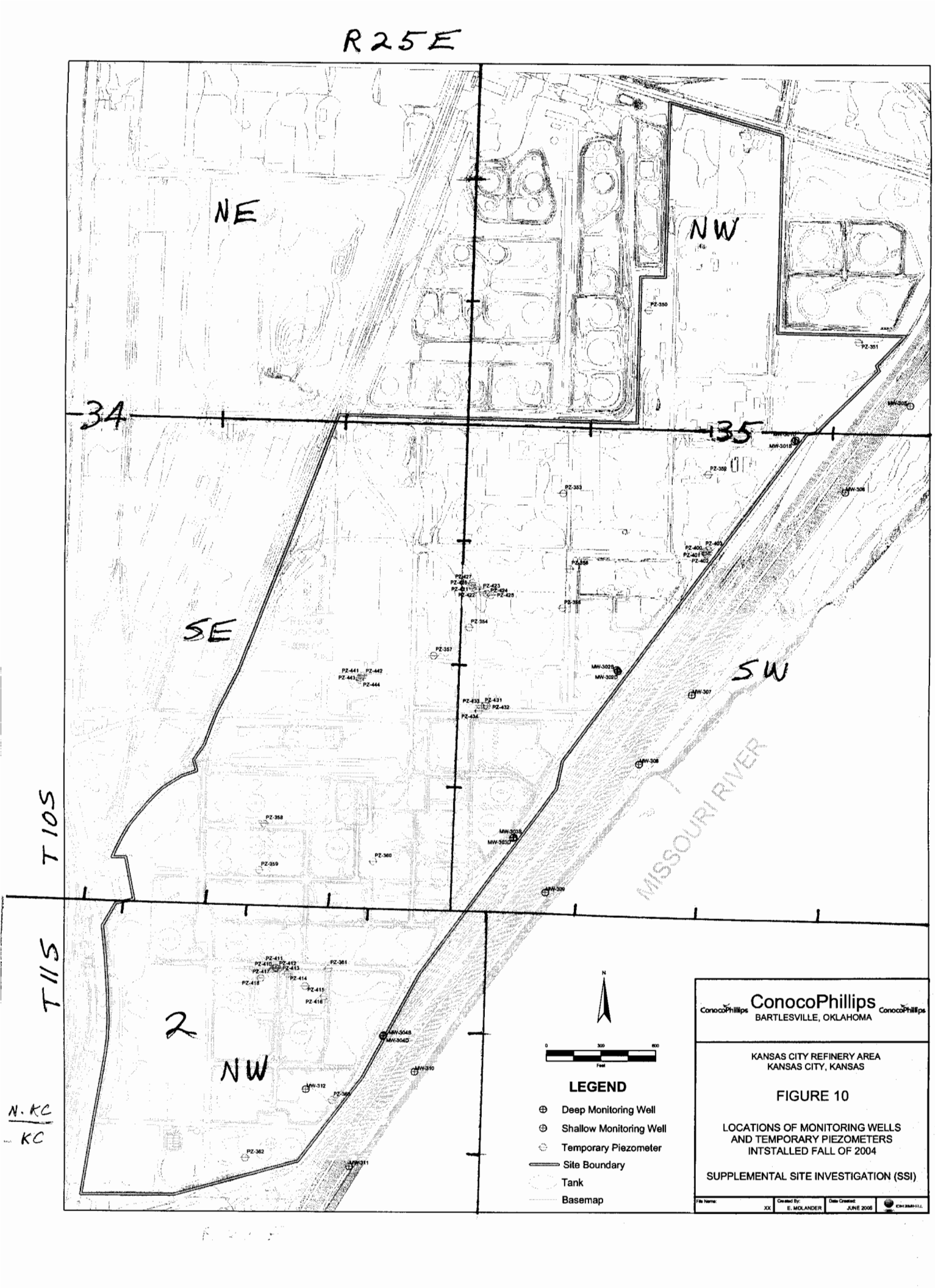
CH2MHILL

PROJECT NUMBER	BORING NUMBER	
321564.SI.01	MW-307	SHEET 1 OF 1

SOIL BORING LOG

PROJECT : Conoco Phillips - Supplemental SI — NORTHING: 308865.00 EASTING: 2276820.30
ELEVATION : 743.45 ft b.t.o.c. — DRILLING CONTRACTOR : Max's Enterprises Inc.
DRILLING METHOD AND EQUIPMENT USED CME 750 — LOGGER : E. Molander
WATER LEVELS : 32' bgs during drilling — START : 11/8/04 0826 END : 11/8/04 0905

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': Clay (CL), dark brown, moist, firm to stiff, highly plastic, organic debris	
			3.0': Silty clay with trace gravel and sand (CL), dark brown, moist, no odor	
			4.0': Clayey sand with gravel (SC), brown, moist, loose, fine to medium, well rounded gravel	
5			6.0': Sandy Clay (CL), brown to gray, moist, plastic, no odor	
			7.0': Sandy silt (ML), brown, moist, semi-plastic, no odor	
			9.0': Elastic silt (MH), brown, moist, soft, no odor	
10			12.0': Sandy silt (ML), brown, moist, no odor, semi-plastic	
15			15.0': Silty sand (SM), brown, moist, loose, no odor	
			18.0': Elastic silt (MH), gray, moist , (increasing with depth), soft	
20			21.0': trace fine sand	
			23.0': Silty sand (SM), gray, wet, no odor, encounter water	
25			27.0': Poorly graded sand (SP), gray, wet, no odor	
			29.0': Poorly graded sand (SP), gray, medium, coarsening with depth	
35			34.5': End of boring	


R25E
NE
NW
SE
SW
34
35
T10S
T11S
2
NW
N. KC
KC
MISSOURI RIVER
PZ-350
PZ-351
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MW-308
MW-309
MW-310
MW-311
MW-312
MW-3018
N
0
300
600
Feet
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 2006