

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

(to rectify lacking or incorrect information)

Location listed as:

Section-Township-Range: None Given

Fraction (  $\frac{1}{4}$   $\frac{1}{4}$   $\frac{1}{4}$  ): \_\_\_\_\_

County: McPherson

Location changed to:

5-205-3 W

NE SE SE

Other changes: Initial statements: \_\_\_\_\_

Changed to: \_\_\_\_\_

Comments: \_\_\_\_\_

verification method: Latitude and longitude, conversion tool on KGS website, and mapping tool on KGS website.

initials: DRF date: 6/6/2006

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.

**Form WWC-5**

Division of Water Resources; App. No.

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<b>1 LOCATION OF WATER WELL:</b> County: <u>McPherson</u>		Fraction $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{4}$		Section Number		Township Number T      S		Range Number R      E/W																			
Distance and direction from nearest town or city street address of well if located within city? <u>North of Frontier Road on 14th Avenue, McPherson, Kansas</u>				<b>Global Positioning Systems</b> (decimal degrees, min. of 4 digits) Latitude: <u>38° 20.193 = 38.3365° N</u> Longitude: <u>97° 40.097 = 97.6683° W</u> Elevation: _____ Datum: _____ Data Collection Method: _____																							
<b>2 WATER WELL OWNER:</b> <u>El Paso merchant Energy Company</u> RR#, St. Address, Box # : <u>El Paso Corporation</u> City, State, ZIP Code : <u>Environmental Remediation Department</u> <u>2 Nevada Avenue, Room 439</u> <u>Colorado Springs CO 80903</u>																											
<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b> N <table border="1" style="width: 100px; height: 100px; text-align: center;"> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>-- NW --</td> <td></td> <td>-- NE --</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>-- SW --</td> <td></td> <td>-- SE --</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table> E S						-- NW --		-- NE --						-- SW --		-- SE --						<b>4 DEPTH OF COMPLETED WELL</b> ..... <u>53</u> ..... ft.  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					
-- NW --		-- NE --																									
-- SW --		-- SE --																									
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 CASING USED:** 1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) CASING JOINTS: Glued..... Clamped.....  
 ②PVC 4 ABS 7 Fiberglass ..... Welded.....  
 Blank casing diameter ..... in. to ..... ft., Diameter ..... in. to ..... ft. Threaded. ✓  
 Casing height above land surface..... in., Weight.....lbs./ft. Wall thickness or guage No. 5/8  
**TYPE OF SCREEN OR PERFORATION MATERIAL:**  
 1 Steel 3 Stainless Steel 5 Fiberglass ⑦PVC 9 ABS 11 Other (Specify) .....  
 2 Brass 4 Galvanized Steal 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)  
**SCREEN OR PERFORATION OPENINGS ARE:**  
 ①Continuous slot 3 Mill slot 5 Guazed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)  
 2 Louvered shutter 4 Key punched 6 Wire wrapped 8 Saw Cut 10 Other (specify) .....  
**SCREEN-PERFORATED INTERVALS:** From.....48..... ft. to 53..... ft., From ..... ft. to ..... ft.  
 From..... ft. to ..... ft., From ..... ft. to ..... ft.  
**GRAVEL PACK INTERVALS:** From.....47..... ft. to 53..... 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 .....  
Grout Intervals: From ..... 27 ft. to 37.5 ft., From 39.5 ft. to 45 ft., From 45 ft. to 47 ft.

What is the nearest source of possible contamination:

1 Septic tank	4 Lateral lines	7 Pit privy	10 Livestock pens	13 Insecticide Storage	16 Other (specify
2 Sewer lines	5 Cess pool	8 Sewage lagoon	11 Fuel storage	14 Abandoned water well	below)
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	12 Fertilizer Storage	15 Oil well/gas well	.....

Direction from well? ..... How many feet? .....

[illegible]

**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) 04/05/06 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 551 This Water Well Record was completed on (mo/day/year) 04/28/06 under the business name Asocial and Environmental Industries Corp. (signature) Quadee Davis

**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. Visit us at <http://www.kdhe.state.ks.us/geo/waterwells>.



# **Associated Environmental Industries, Corp.**

**PO Box 5300      Norman, Oklahoma 73070**  
**Phone: (405) 360-1434      FAX: (405) 360-1480**

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The purpose of the multi-level wells at McPherson was to monitor the vapors in the unsaturated zone at various depth intervals during a Soil Vapor Extraction Pilot Test to be conducted by our client, MWH Americas.