

662 SUTABAR

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

1 LOCATION OF WATER WELL: County: <u>JOHNSON</u>		Fraction <u>N 1/4 SW 1/4 NW 1/4</u>	Section Number <u>12</u>	Township Number T <u>12</u> S	Range Number R <u>23</u> EW																																																																																										
Distance and direction from nearest town or city street address of well if located within city? <u>18181 W. 53RD ST. SHAWNEE, KS</u>																																																																																															
2 WATER WELL OWNER: <u>DEFFENBAUGH INDUSTRIES, ATTN: MEL COSGROVE</u>			Board of Agriculture, Division of Water Resources Application Number: _____																																																																																												
RR#, St. Address, Box # : <u>P.O. Box 3220</u> City, State, ZIP Code : <u>SHAWNEE, KS 66203</u>																																																																																															
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL <u>312.64</u> ft. ELEVATION: _____																																																																																													
		Depth(s) Groundwater Encountered 1 <u>NOT APPROPRIATE</u> ft. 2 _____ ft. 3 _____ ft. WELL'S STATIC WATER LEVEL _____ ft. below land surface measured on mo/day/yr <u>NW TO SHAWNEE</u> 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) <u>10 Monitoring well</u>																																																																																													
		Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> ; If yes, mo/day/yr sample was submitted _____ Water Well Disinfected? Yes _____ No <u>X</u>																																																																																													
		5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____ <u>2 PVC</u> 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded _____ Blank casing diameter _____ in. to <u>301.87</u> ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft. Casing height above land surface <u>24</u> in., weight _____ lbs./ft. Wall thickness or gauge No. <u>SCH80</u> TYPE OF SCREEN OR PERFORATION MATERIAL: <u>7 PVC</u> 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 3 <u>Mill slot</u> 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) _____ ft.																																																																																													
SCREEN-PERFORATED INTERVALS: From <u>301.87</u> ft. to <u>311.84</u> ft., From _____ ft. to _____ ft.		GRAVEL PACK INTERVALS: From <u>299</u> ft. to <u>312.64</u> ft., From _____ ft. to _____ ft.																																																																																													
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 <u>Bentonite</u> 4 Other <u>BENTONITE SLURRY</u> Grout Intervals <u>19</u> From <u>0</u> ft. to <u>290.5</u> ft. <u>3</u> From <u>290.5</u> ft. to <u>299</u> 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? _____																																																																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>230</td> <td>NO SAMPLES COLLECTED STARTED</td> <td>289.5</td> <td>293</td> <td>SHALE, DARK GRAY</td> </tr> <tr> <td></td> <td></td> <td>CORREL AT 230</td> <td>293</td> <td>295</td> <td>LIMESTONE, LIGHT BROWN GRAY</td> </tr> <tr> <td>230</td> <td>238</td> <td>SHALE, MED. DARK GRAY</td> <td>295</td> <td>295.5</td> <td>SHALE, DARK GRAY</td> </tr> <tr> <td>238</td> <td>244.5</td> <td>LIMESTONE w/ CHEST</td> <td>295.5</td> <td>297</td> <td>LIMESTONE, LIGHT BROWNISH GRAY</td> </tr> <tr> <td>244.5</td> <td>245.5</td> <td>SHALE, MEDIUM DARK GRAY</td> <td>297</td> <td>300</td> <td>SHALE, DARK GRAY</td> </tr> <tr> <td>245.5</td> <td>251.5</td> <td>LIMESTONE, LIGHT BROWNISH GRAY</td> <td>300</td> <td>307.5</td> <td>LIMESTONE</td> </tr> <tr> <td>251.5</td> <td>252</td> <td>SHALE, OLIVE GRAY</td> <td>307.5</td> <td>312.64</td> <td>SHALE, OLIVE GRAY</td> </tr> <tr> <td>252</td> <td>260</td> <td>LIMESTONE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>260</td> <td>260.75</td> <td>SHALE, OLIVE GRAY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>260.75</td> <td>261.9</td> <td>LIMESTONE</td> <td></td> <td></td> <td></td> </tr> <tr> <td>261.9</td> <td>267</td> <td>SHALE, BROWNISH GRAY - OLIVE GRAY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>267</td> <td>282</td> <td>LIMESTONE, LIGHT GRAY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>282</td> <td>286.5</td> <td>NO RECOVERY</td> <td></td> <td></td> <td></td> </tr> <tr> <td>286.5</td> <td>289.5</td> <td>LIMESTONE, LIGHT BROWNISH GRAY</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	230	NO SAMPLES COLLECTED STARTED	289.5	293	SHALE, DARK GRAY			CORREL AT 230	293	295	LIMESTONE, LIGHT BROWN GRAY	230	238	SHALE, MED. DARK GRAY	295	295.5	SHALE, DARK GRAY	238	244.5	LIMESTONE w/ CHEST	295.5	297	LIMESTONE, LIGHT BROWNISH GRAY	244.5	245.5	SHALE, MEDIUM DARK GRAY	297	300	SHALE, DARK GRAY	245.5	251.5	LIMESTONE, LIGHT BROWNISH GRAY	300	307.5	LIMESTONE	251.5	252	SHALE, OLIVE GRAY	307.5	312.64	SHALE, OLIVE GRAY	252	260	LIMESTONE				260	260.75	SHALE, OLIVE GRAY				260.75	261.9	LIMESTONE				261.9	267	SHALE, BROWNISH GRAY - OLIVE GRAY				267	282	LIMESTONE, LIGHT GRAY				282	286.5	NO RECOVERY				286.5	289.5	LIMESTONE, LIGHT BROWNISH GRAY			
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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1)</u> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>10/18/04</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No <u>585</u> This Water Well Record was completed on (mo/day/yr) <u>12/22/04</u> under the business name of <u>ASSOCIATED ENVIRONMENTAL INC.</u> by (signature) <u>[Signature]</u>																																																																																															
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.																																																																																															