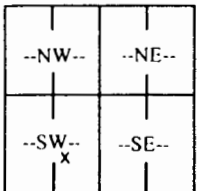


<b>1 LOCATION OF WATER WELL:</b> County: Russell	Fraction NW 1/4 SE 1/4 SW 1/4	Section Number 25	Township Number T 12 S	Range Number R 14 E <b>(W)</b>
Distance and direction from nearest town or city street address of well if located within city? Approximately 5 1/4 miles north and 1 1/4 miles east of Russell		<b>Global Positioning Systems</b> (decimal degrees, min. of 4 digits) Latitude: 38.975289 Longitude: -98.82998 Elevation: Unknown Datum: NAD83 Data Collection Method: WAAS GPS Unit		
<b>2 WATER WELL OWNER:</b> U.S. Energy Partners RR#, St. Address, Box # : 1224 E. 15th St. City, State, ZIP Code : Russell, KS 67665				

<b>3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:</b> N E S W	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>4 DEPTH OF COMPLETED WELL</b> 91 ft.</td> <td style="width: 50%;"></td> </tr> <tr> <td>Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft.</td> <td></td> </tr> <tr> <td>WELL'S STATIC WATER LEVEL 21 ft. below land surface measured on mo/day/yr. 11-10-06</td> <td></td> </tr> <tr> <td>Pump test data: Well water was Not checked ft. after _____ hours pumping gpm</td> <td></td> </tr> <tr> <td>Est. Yield Unknown gpm: Well water was _____ ft. after _____ hours pumping gpm</td> <td></td> </tr> <tr> <td>WELL WATER TO BE USED AS:</td> <td></td> </tr> <tr> <td>5 Public water supply 8 Air conditioning 11 Injection well</td> <td></td> </tr> <tr> <td>1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering <b>(12) Other (Specify below)</b></td> <td></td> </tr> <tr> <td>2 Irrigation 4 Industrial 7 Domestic (lawn &amp; garden) 10 Monitoring well Test Well</td> <td></td> </tr> <tr> <td>Was a chemical/bacteriological sample submitted to Department? Yes No <input checked="" type="checkbox"/> If yes, mo/day/yr</td> <td></td> </tr> <tr> <td>Sample was submitted Water well disinfected? Yes No <input checked="" type="checkbox"/></td> <td></td> </tr> </table>	<b>4 DEPTH OF COMPLETED WELL</b> 91 ft.		Depth(s) Groundwater Encountered (1) _____ ft. (2) _____ ft. (3) _____ ft.		WELL'S STATIC WATER LEVEL 21 ft. below land surface measured on mo/day/yr. 11-10-06		Pump test data: Well water was Not checked ft. after _____ hours pumping gpm		Est. Yield Unknown 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 <b>(12) Other (Specify below)</b>		2 Irrigation 4 Industrial 7 Domestic (lawn & garden) 10 Monitoring well Test Well		Was a chemical/bacteriological sample submitted to Department? Yes No <input checked="" type="checkbox"/> If yes, mo/day/yr		Sample was submitted Water well disinfected? Yes No <input checked="" type="checkbox"/>	
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<b>5 TYPE OF CASING USED:</b>	5 Wrought Iron 8 Concrete tile	CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped	
1 Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below)		Welded	
<b>(2) PVC</b> 4 ABS 7 Fiberglass		Threaded	
Blank casing diameter 5 in. to 37 ft., Diameter 5 in. to 79 ft., Diameter _____ in. to _____ ft.			
Casing height above land surface 24 in., weight 2.36 lbs./ft. Wall thickness or gauge No. 214			
<b>TYPE OF SCREEN OR PERFORATION MATERIAL:</b>			
1 Steel 3 Stainless Steel 5 Fiberglass <b>(7) PVC</b> 9 ABS 11 Other (Specify)			
2 Brass 4 Galvanized Steel 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)			
<b>SCREEN OR PERFORATION OPENINGS ARE:</b>			
1 Continuous slot <b>(3) Mill slot</b> 5 Gauzed 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)			
<b>SCREEN-PERFORATED INTERVALS:</b> From 37 ft. to 57 ft., From _____ ft. to _____ ft.			
From 79 ft. to 89 ft., From _____ ft. to _____ ft.			
<b>GRAVEL PACK INTERVALS:</b> From 20 ft. to 89 ft., From _____ ft. to _____ ft.			
From _____ ft. to _____ ft., From _____ ft. to _____ ft.			

<b>6 GROUT MATERIAL:</b> 1 Neat Cement 2 Cement grout 3 Bentonite <b>(4) Other</b> Bentonite Holeplug			
Grout Intervals: From _____ ft. to _____ ft., From _____ ft. to _____ ft., From 0 ft. to 20 ft.			
What is the nearest source of possible contamination:			
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage <b>(16) Other (specify below)</b>			
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 14 Abandoned water well None known			
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well			
Direction from well? _____		How many feet? _____	

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	3	Topsoil	69	88	Clay, gray, sand and gravel, fine to coarse, 50/50 mix
3	17	Clay, tan			
17	34	Sand and gravel, fine to coarse	88	92	Sand and gravel, fine to coarse
34	38	Clay, gray	92	95	Clay, gray
38	52	Sand and gravel, fine to medium, with clay streaks, gray			
52	57	Sand, fine to coarse, clay streaks, tan			
57	63	Clay, gray, sandy			
63	66	Sand, fine to coarse			
66	66 1/2	Caliche			
66 1/2	69	Sand, fine to coarse			

<b>7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION:</b> This water well was (1) <b>constructed</b> (2) reconstructed (3) plugged under my jurisdiction and was completed on (mo/day/year) 11-10-06 and this record is true to the best of my knowledge and belief.	
Kansas Water Well Contractor's License No. 185	This Water Well Record was completed on (mo/day/year) 11-20-06
Under the business name of Clarke Well & Equipment, Inc.	by (signature) <i>Clarke Well &amp; Equipment</i>

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.