

OFFICE USE ONLY

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1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: <u>Ellsworth</u>		NE 1/4 SW 1/4 SE 1/4		31		T 17 S		R 9 E/W	
Distance and direction from nearest town or city street address of well if located within city? <u>Approximately 2 1/2 miles south and 2 1/2 miles west of Lorraine</u>									
2 WATER WELL OWNER:		Enron Gas Processing							
RR#, St. Address, Box # :		Route 1 - Box 5A							
City, State, ZIP Code :		Bushton, KS 67427							
		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: 232 ft. ELEVATION: 1763.28							
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.							
		WELL'S STATIC WATER LEVEL 76.91 ft. below land surface measured on mo/day/yr							
		Pump test data: Well water was not ch'd ft. after hours pumping gpm							
		Est. Yield unknown gpm: Well water was ft. after hours pumping gpm							
		Bore Hole Diameter . . 10 . . . in. to . . 230 . . . ft., and . . . in. to . . . ft.							
		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 Lawn and garden only 10 Monitoring well							
		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 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 5 . . . in. to . . 187 . . . ft., Dia . . . in. to . . . ft., Dia . . . in. to . . . ft.									
Casing height above land surface 24 . . . in., weight . . . 2.36 . . . lbs./ft. Wall thickness or gauge No. . . . 214 . . .									
TYPE OF SCREEN OR PERFORATION MATERIAL:		7 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 Gauzed 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)									
SCREEN-PERFORATED INTERVALS: From . . . 187 . . . ft. to . . 230 . . . ft., From . . . ft. to . . . ft.									
GRAVEL PACK INTERVALS: From . . . 177 . . . ft. to . . 230 . . . ft., From . . . ft. to . . . ft.									
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other .. Bentonite Holeplug									
Grout Intervals: From ft. to ft., From ft. to ft., From . . . 0 . . . ft. to . . 177 . . . ft.									
What is the nearest source of possible contamination:		10 Livestock pens 14 Abandoned water well							
1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well									
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)									
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage . . . saltwater pond									
Direction from well? south		How many feet? 30							
FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS				
0	39	Topsoil and clay, brown, soft	148	160	Clay, gray, silty with hard streak at 152'				
39	53	Sandstone, brown, coarse, soft							
53	64	Clay, red and white and yellow, dakota	160	165	Sandstone, brown, hard, fine				
			165	187	Clay, gray, silty				
64	68	Streaks of sandstone and streaks of clay, white	187	230	Sandstone, brown, soft, fine				
			230		Shale, black				
68	95	Clay, gray and red, dakota							
95	104	Clay, red and white with streaks of sandstone							
104	108	Sandstone, fine, soft							
108	112	Clay, gray with streaks of sandstone							
112	126	Clay, gray and yellow							
126	145	Clay, gray, soft, silty							
145	148	Sandstone, brown, soft							
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) 8-24-90 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/yr) 2-20-91 under the business name of <u>Clarke Well & Equipment, Inc.</u> by (signature) <u>[Signature]</u>									