

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: <u>Kingman</u>		Fraction <u>1/4 SE 1/4 SW 1/4 Sec 14</u>	Section Number <u>36</u>	Township No. <u>T 28 S</u>	Range Number <u>R 7 E</u> ☒ <u>W</u>
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☐ <u>6 miles south of Kingman on Hwy 14</u> <u>To SW 60th St then east 2 1/2 miles & north into</u>			Global Positioning System (GPS) information: Latitude: (in decimal degrees) Longitude: (in decimal degrees) Elevation: Datum: ☐ WGS 84, ☐ NAD 83, ☐ NAD 27 Collection Method: ☐ GPS unit (Make/Model:) ☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey Est. Accuracy: ☐ <3 m, ☐ 3-5 m, ☐ 5-15 m, ☐ >15 m		
2 WATER WELL OWNER: <u>Kansas Corporation Commission</u> RR#, Street Address, Box #: <u>3450 N. Rock Rd. Ste. 601</u> City, State, ZIP Code: <u>Wichita, KS 67224</u>					
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W E S -----1 mile-----		4 DEPTH OF COMPLETED WELL <u>9.7</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 Bore Hole Diameter <u>9.5</u> in. to <u>3.2</u> ft., and <u>4.78</u> in. to <u>9.7</u> ft. WELL WATER TO BE USED AS: ☐ Public water supply ☐ Geothermal ☐ Injection well ☐ Domestic ☐ Feedlot ☐ Oil field water supply ☐ Dewatering ☐ Other (Specify below) ☐ Irrigation ☐ Industrial ☐ Domestic-lawn & garden ☒ 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 CASING USED: ☒ Steel ☐ PVC ☐ Other CASING JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☒ Threaded Casing diameter <u>5 1/2</u> in. to <u>3.2</u> ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface <u>12</u> in., Weight <u>15.50</u> lbs./ft., Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: ☐ Steel ☐ Stainless Steel ☐ PVC ☐ Other (Specify) ☐ Brass ☐ Galvanized Steel ☒ None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: ☐ Continuous slot ☐ Mill slot ☐ Gauze wrapped ☐ Torch cut ☐ Drilled holes ☒ None (open hole) ☐ Louvered shutter ☐ Key punched ☐ Wire wrapped ☐ Saw cut ☐ Other (specify) SCREEN-PERFORATED INTERVALS: From..... ft. to ft., From..... ft. to ft. GRAVEL PACK INTERVALS: From..... ft. to ft., From..... ft. to ft.					
6 GROUT MATERIAL: ☐ Neat cement ☒ Cement grout ☐ Bentonite ☐ Other Grout Intervals: From..... ft. to ft., From..... ft. to ft., From..... ft. to ft. What is the nearest source of possible contamination: ☐ Septic tank ☐ Lateral lines ☐ Pit privy ☐ Livestock pens ☐ Insecticide storage ☒ Other (specify below) ☐ Sewer lines ☐ Cesspool ☐ Sewage lagoon ☐ Fuel storage ☐ Abandoned water well ☐ Watertight sewer lines ☐ Seepage pit ☐ Feedyard ☐ Fertilizer storage ☐ Oil well/gas well <u>Pasture Ground</u> Direction from well <u>9.9.9</u> Distance from well <u>9.9.9</u>					
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5	Silt clay, Brn Dry, turning to fine sand tan			
5	10	Sand silty, med fine, tan poor sorting, sub round 25% feldspar			
10	15	Sand fine, dark gray, silty			
15	20	same with increase in silt & clay			
20	25	Sand coarse, tan/gray, sub angular 30% feldspar then red shale at 23 ft			
25	30	Red shale, weathered, soft, silty, small amount of fine sand			
30	35	Red shale gray and green shale w/ good break, silty few med frag.			
35	40	(AIR) - Red fragments, w/ weak blow to red frag. v. weak blow			
40	45	Red/white/pink/red fragments - moist/dry, v. weak blow			
45	50	Pink/red/white frag, dry weak blow			
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☒ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo/day/year) <u>4-14-10</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>665</u> This Water Well Record was completed on (mo/day/year) <u>5-14-10</u> under the business name of <u>Prairie Well Service, Inc.</u> by (signature) <u>Steven E. Gill</u>					
INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) 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 copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html .					

Kansas Corporation Commission		Well Log		MW-9	
Drill Date: April 7, 2010 (9.5") & April 14, 2010 (4.5")			Site: Yeoman (KCC# 20060021-00)		
			Field Screening Equipment: ITX Multi Gas Meter		
Location: Sec. 36-T28S-R7W 330' FNL & 330' FEL			Drill Method: Mud Rotary and Air Rotary		
Drilling Rig: GEFCO Star 30K			Boring Diam.(inches) for Surface casing: 9.5"		
Surface Casing Length: 32'		Diameter: 5.5" Steel		Boring Diameter through casing: 4.5"	
Surface Casing Length BGS: 31'		Cement Type: Common		Sample Method: Grab samples every five feet	
Est. Elevation:		Use: Monitoring/Recovery Gas Well		Total Boring Depth (feet): 97'	
Depth (ft.)	Sample Type	ITX (%LEL)	Geologic Description	Well Construction	
25	Surface	N/A	0.0-5' - Silty Clay, Brn, Dry, turning to Fine Sand, tan		
	Wash	N/A	10 - Sand, Silty, Med/fine, tan, poor sorting, sub-round, 25% feldspar		
	Wash	N/A	15- Sand, fine, dark gray, silty		
	Wash	N/A	20 - Same with increase in silt and clay		
	Wash	N/A	25- Sand, coarse, tan/gry, sub-angular, 30% feldspar then Red Shale at 23'		
	Wash	N/A	30- Red Shale, weathered, soft, silty, small amount of fine sand		
	Wash/air	20	35 - Red Shale, gray and green shale with good break, silty, few qtz frag		
	Air	10	35 (Air) - Red fragments, wet, weak blow. 40'-Red frag, v. weak blow		
	Air	13	45 - Red/white/pink/red Fragments - moist/dry, v. weak blow		
	Air	5	50- Pink/red/white frag, dry, v. weak blow		
50	Air	5	55- Red Fragments - dry, v. weak blow		
	Air	6	60- pink/red Fragments, dry, v. weak		
	Air	7	65- Red/pink/gray/red fragments, dry, v. Weak blow		
	Air	6	70- Red fragments, dry, v. weak blow		
	Air	6	75- Red Fragments - Moist, v. weak blow		
	Air	5	80- Red Fragments, Dry, v. weak blow		
	Air	OR	85 - red fragments, dry, weak blow, 192 ppm on XTI		
	Air	OR	90- Red Fragments - wet, good blow, 104 ppm H2S and 758 ppm VOC		
	Air		97 - Red Fragments, good/strong blow, 380 ppm VOC		
100					
125			TD: 97'		
150					
175					
			OR = Reading Over 100% of LEL		

Geologist: David L. Bollenback Drilling Company: Pratt Well Service, Inc. Driller: Jon