

1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number		Range Number	
County: Kearny		NE 1/4 NE 1/4 NE 1/4		29		T 24 S		R 36 EW	
Distance and direction from nearest town or city street address of well if located within city?									
1 mile west of Lakin on Hwy. 50									
2 WATER WELL OWNER:		Colorado Interstate Gas							
RR#, St. Address, Box # :		P. O. Box 1087							
City, State, ZIP Code :		Colorado Springs, Colorado 80944							
		Board of Agriculture, Division of Water Resources Application Number: 34750							
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 610 ft.		ELEVATION:					
		Depth(s) Groundwater Encountered 1. 124 ft. 2. ft. 3. ft.							
		WELL'S STATIC WATER LEVEL 124 ft. below land surface measured on mo/day/yr							
		Pump test data: Well water was 391 ft. after 18 hours pumping 150 gpm							
		Est. Yield 150 gpm: Well water was ft. after hours pumping gpm							
		Bore Hole Diameter 15 in. to 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	
		2 Irrigation		4 Industrial		7 Lawn and garden only		10 Observation well	
		Was a chemical/bacteriological sample submitted to Department? Yes No X; If yes, mo/day/yr sample was submitted							
		Water Well Disinfected? Yes X 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		Welded X			
2 PVC		4 ABS		7 Fiberglass		Threaded			
Blank casing diameter 8-5/8 in. to 368 ft., Dia 8-5/8 in. to 538 ft., Dia 8-5/8 in. to 568 to 608									
Casing height above land surface 12 in., weight 2236 lbs./ft. Wall thickness or gauge No. .250									
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 368 ft. to 408 ft., From		ft. to ft., From		ft. to ft.			
		From 538 ft. to 558 ft., From		ft. to ft., From		ft. to ft.			
GRAVEL PACK INTERVALS:		From 568 ft. to 588 ft., From		ft. to ft., From		ft. to 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 0 ft. to 338 ft., From		ft. to ft., From		ft. to ft., From		ft. to 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	
		2 Sewer lines		5 Cess pool		8 Sewage lagoon		11 Fuel storage	
		3 Watertight sewer lines		6 Seepage pit		9 Feedyard		12 Fertilizer storage	
								13 Insecticide storage	
								14 Abandoned water well	
								15 Oil well/Gas well	
								16 Other (specify below)	
								Unknown	
Direction from well?								How many feet?	
FROM	TO	LITHOLOGIC LOG		FROM	TO	LITHOLOGIC LOG			
0	1	Top soil		312	345	Dakota sandstone, hard shale streaks			
1	10	Brown clay		345	358	Gray shale, red clay streaks, sticky			
10	95	Sand, fine to medium coarse, sandy clay streaks		358	384	Dakota sandstone			
				384	408	Sandstone & shale			
95	125	Brown & yellow clay		408	410	Iron pyrite, very hard			
125	135	Sand, fine to medium coarse, small gravel & white rock		410	497	Blue shale, few Dakota streaks, few pyrite ledges, few sticky soapstone streaks			
135	179	Yellow & gray soapstone, few sandstone streaks		497	508	Dakota sandstone, hard			
179	205	Brown & yellow sandstone, uses water, gray soapstone streaks		508	538	Shale & soapstone, sticky			
				538	554	Dakota sandstone			
205	260	Dakota sandstone & shale, drills hard		554	569	Sandstone, very hard			
				569	594	Dakota sandstone, loose from 569-580			
260	274	Gray shale, few Dakota streaks							
274	312	Gray shale, sticky		594	643	Red bed, shale & soapstone streaks			
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (4) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) July 16, 1981 and this record is true to the best of my knowledge and belief, Kansas									
Water Well Contractor's License No. 102 This Water Well Record was completed on (mo/day/yr) November 18, 1981									
under the business name of Layne-Western Company, Inc. by (signature) [Signature]									
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, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.									