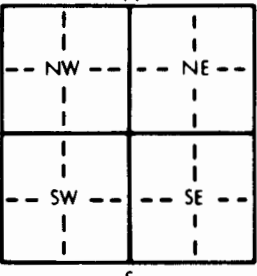


1 LOCATION OF WATER WELL: County: Seward Fraction: SE 1/4 SE 1/4 NE 1/4 Section Number: 19 Township Number: T 32 S Range Number: R 34 E/W

Distance and direction from nearest town or city street address of well if located within city?  
 From Supreme Feeders, 8 mi. West to Mortine Rd., 1 1/2 mi. South, 1/4 mi. West

2 WATER WELL OWNER: Pagosa, Inc.  
 RR#, St. Address, Box #: c/o Paul Boles Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code: Liberal, KS 67901 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
  
 4 DEPTH OF COMPLETED WELL: 470 ft. ELEVATION:  
 Depth(s) Groundwater Encountered: 1. \_\_\_\_\_ ft. 2. \_\_\_\_\_ ft. 3. \_\_\_\_\_ ft.  
 WELL'S STATIC WATER LEVEL: 248 ft. below land surface measured on mo/day/yr  
 Pump test data: Well water was 357 ft. after 3 hours pumping 1370 gpm  
 Est. Yield \_\_\_\_\_ gpm: Well water was \_\_\_\_\_ ft. after \_\_\_\_\_ hours pumping \_\_\_\_\_ gpm  
 Bore Hole Diameter: 36 in. to 470 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 X; If yes, mo/day/yr sample was submitted \_\_\_\_\_  
 Water Well Disinfected? Yes X No

5 TYPE OF BLANK CASING USED:  
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued \_\_\_\_\_ Clamped \_\_\_\_\_  
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded \_\_\_\_\_  
 7 Fiberglass Threaded \_\_\_\_\_  
 Blank casing diameter: 16 in. to 350 ft., Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft., Dia. \_\_\_\_\_ in. to \_\_\_\_\_ ft.  
 Casing height above land surface: 18 in., weight \_\_\_\_\_ lbs./ft. Wall thickness or gauge No. 250  
 TYPE OF SCREEN OR PERFORATION MATERIAL:  
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement  
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)  
 SCREEN OR PERFORATION OPENINGS ARE:  
 1 Continuous slot 3 Mill slot 6 Wire wrapped 8 Saw cut 11 None (open hole)  
 2 Louvered shutter 4 Key punched 7 Torch cut 9 Drilled holes 10 Other (specify) \_\_\_\_\_  
 SCREEN-PERFORATED INTERVALS: From 350 ft. to 470 ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 From \_\_\_\_\_ ft. to \_\_\_\_\_ ft., From \_\_\_\_\_ ft. to \_\_\_\_\_ ft.  
 GRAVEL PACK INTERVALS: From 20 ft. to 470 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 20 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 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) \_\_\_\_\_  
 13 Insecticide storage \_\_\_\_\_  
 Direction from well? How many feet? 800'

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	Top Soil	420	434	Blue Clay
1	28	Sandy Clay	434	464	Fine to Medium Sand, Clay Streak
28	112	Tan Clay	464	500	Very Hard Red Bed
112	121	Coarse Sand, Firm Drilling		500	Total Depth
121	152	Stickey Tan Clay			
152	186	Coarse Sand, Loose			
186	198	Coarse Sand, Cemented Tight			
198	322	Coarse Sand, Loose, Small Clay Streaks			
322	336	Tan Sandy Clay			
336	365	Coarse Sand, Small to Medium Gravel, Loose			
365	370	Clay			
370	396	Fine to Medium Sand, Clay Streaks			
396	420	Fine to Medium Sand			

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) 05-11-91 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 514 This Water Well Record was completed on (mo/day/yr) 05-22-91 under the business name of Miller Gearhead & Pump, Inc. by (signature) Courtney Miller

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