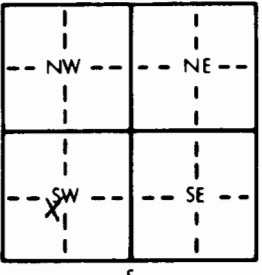


1 LOCATION OF WATER WELL: Fraction NE 1/4 SW 1/4 SW 1/4 Section Number 36 Township Number T 25 S Range Number R 28 EW

County: Gray Distance and direction from nearest town or city street address of well if located within city?

1 1/2 mile north of Cimarron

2 WATER WELL OWNER: City of Cimarron Board of Agriculture, Division of Water Resources
 RR#, St. Address, Box #: Cimarron, KS 67835 Application Number: 33,733
 City, State, ZIP Code

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  4 DEPTH OF COMPLETED WELL: 333 ft. ELEVATION: ...
 Depth(s) Groundwater Encountered 1. 144 ft. 2. ... ft. 3. ... ft.
 WELL'S STATIC WATER LEVEL 144 ft. below land surface measured on mo/day/yr 11-2-84
 Pump test data: Well water was 205 ft. after 1 hours pumping 805 gpm
 Est. Yield 24 1100 gpm: Well water was 234 ft. after 2 hours pumping 1100 gpm
 Bore Hole Diameter 24 in. to 333 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 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 9 Other (specify below) Welded X ...
 2 PVC 4 ABS 7 Fiberglass Threaded ...
 Blank casing diameter 16 in. to 333 ft., Dia ... in. to ... ft., Dia ... in. to ... ft.
 Casing height above land surface 12 in., weight 62.58 lbs./ft. Wall thickness or gauge No. 375 W
 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 209 ft. to 219 ft., From 294 ft. to 299 ft.
 From 274 ft. to 289 ft., From 309 ft. to 329 ft.
 GRAVEL PACK INTERVALS: From 20 ft. to 333 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: 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 none observed
 Direction from well? How many feet?

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		See Attached Log			

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) November 7, 1984 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo/day/yr) November 13, 1984 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce Reichmuth

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.

OFFICE USE ONLY
T 25
R 28
EWD
SEC. 36
N 1/4
S 1/4
SW 1/4

DRILLERS TEST LOG

CUSTOMERS NAME City of Cimarron DATE 5-15-84
 STREET ADDRESS Airport prop. north of City TEST # 7 E. LOG yes
 CITY & STATE Cimarron, KS 67835 DRILLER Soukup
 COUNTY Gray QUARTER SW SECTION 36 TOWNSHIP 25 RANGE 25

LOCATION

#	Footage		DESCRIPTION OF STRATA	Well Location	
	From	Pay To		Static Water Level	Proposed Well Depth
	0		3 Top soil		
	3		95 ⁰¹ Brown clay and caliche		
	95		110 ²³ Cemented sand		
	110		145 ⁰¹ Brown clay and fine sand streaks cemented sand streaks		
50	145	11	156 ⁰⁶ Sand fine to medium coarse		
	156		168 ⁰¹ Brown clay few fine sand streaks		
45	168	04	172 ⁰⁷ Fine sand		
	172		204 ⁰¹ Brown clay and caliche gray clay		
60	204	15	219 ¹⁷ Sand fine to medium coarse small to medium gravel		
	219		272 ⁰¹ Brown clay and few fine sand streaks		
55	272	18	290 ²³ Sand fine to medium coarse small gravel brown and tan rock		
	290		294 ⁰¹ Brown clay and yellow clay		
50	294	05	299 ²⁸ Brown and tan rock		
	299		305 ¹⁹ Brown clay and soapstone		
60	305	25	330 ¹⁷ Sand fine to medium, coarse small gravel brown, tan and white rock		
	330		335 Brown clay soapstone		
	335		340 ¹⁹ Shale		
			Well Depth = 333'		
			Big rig - north		
			Pit - East		
			Collected water sample from 305' to 330'		
			and 147' to 168'		