

1 LOCATION OF WATER WELL	Fraction	Section Number	Township Number	Range Number
County: <u>Stevens</u>	<u>NW</u> ¼ <u>NW</u> ¼ <u>SW</u> ¼	<u>36</u>	<u>T 31</u> <u>S</u>	<u>R 35</u> (W)

Distance and direction from nearest town or city? approx. 6½ miles E & 1 mile S of Moscow KS.
 Street address of well if located within city?

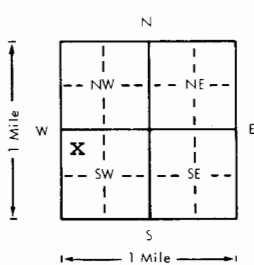
2 WATER WELL OWNER: Cimarron Farms
 RR#, St. Address, Box # : c/o David Marsh
 City, State, ZIP Code : Garden City, KS. 67846
 Board of Agriculture, Division of Water Resources
 Application Number: 27,560

3 DEPTH OF COMPLETED WELL: 539 ft. Bore Hole Diameter: 26 in. to 539 ft., and in. to ft.
 Well Water to be used as:
 1 Domestic 3 Feedlot 5 Public water supply 8 Air conditioning 11 Injection well
 2 Irrigation 4 Industrial 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 7 Lawn and garden only 10 Observation well
 Well's static water level: 2.70 ft. below land surface measured on Dec. month 21 day 1979 year
 Pump Test Data: Well water was ft. after hours pumping gpm
 Est. Yield 1154 gpm: Well water was ft. after hours pumping gpm

4 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 X
 7 Fiberglass Threaded
 Blank casing dia 16 in. to 539 ft., Dia in. to ft., Dia in. to ft.
 Casing height above land surface: 12 in., weight 42.05 lbs./ft. Wall thickness or gauge No. .250 in.
 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 11 Other (specify)
 12 None used (open hole)
 Screen or Perforation Openings Are:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify)
 Screen-Perforation Dia: 16 in. to 539 ft., Dia in. to ft., Dia in. to ft.
 Screen-Perforated Intervals: From 350 ft. to 360 ft., From 369 ft. to 439 ft.
 From 499 ft. to 539 ft., From ft. to ft.
 Gravel Pack Intervals: From 10 ft. to 539 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

5 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
 Grouted Intervals: From 0 ft. to 10 ft., From ft. to ft., From ft. to ft.
 What is the nearest source of possible contamination:
 1 Septic tank 4 Cess pool 7 Sewage lagoon 10 Fuel storage 14 Abandoned water well
 2 Sewer lines 5 Seepage pit 8 Feed yard 11 Fertilizer storage 15 Oil well/Gas well
 3 Lateral lines 6 Pit privy 9 Livestock pens 12 Insecticide storage 16 Other (specify below)
 13 Watertight sewer lines none observed
 Direction from well: How many feet? Water Well Disinfected? Yes No X
 Was a chemical/bacteriological sample submitted to Department? Yes No X If yes, date sample was submitted month day year: Pump Installed? Yes No X
 If Yes: Pump Manufacturer's name Model No. HP Volts
 Depth of Pump Intake ft. Pumps Capacity rated at gal./min.
 Type of pump: 1 Submersible 2 Turbine 3 Jet 4 Centrifugal 5 Reciprocating 6 Other

6 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on December month 20 day 1979 year, 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 Jan month 3 day 1980 year under the business name of Henkle Drilling & Supply Co. by (signature) Bruce J. Reichmuth

7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 	FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
			<u>see attached log</u>			

ELEVATION:

Depth(s) Groundwater Encountered 1290-310 ft. 311-362 ft. 374-413 ft. 418-441 ft. 500-536 (Use a second sheet if needed)

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, Water Well Contractors, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

OFFICE USE ONLY T E W SEC 1/4 1/4 1/4

DRILLERS TEST LOG

CUSTOMERS NAME Cimarron Farms DATE 12/19/78
 STREET ADDRESS _____ TEST # 1 E. LOG Yes
 CITY & STATE Moscow, Kansas DRILLER Martinez
 COUNTY Stevens QUARTER SW SECTION 36 TOWNSHIP 31 RANGE 35

LOCATION In the NW corner of the SW $\frac{1}{4}$.

NEW WELL LOCATION

%	FOOTAGE		DESCRIPTION OF STRATA	Static Water Level _____
	From	Pay To		Proposed Well Depth _____
	0	2	Top Soil	
	2	136	Brown clay - sticky.	
	136	160	Sand fine to med coarse and small gravel.	
	160	167	Brown clay - sticky.	
	167	196	Sand fine to med coarse and small gravel.	
	196	216	Brown clay - sticky.	
	216	241	Sand fine to med coarse.	
	241	246	Brown clay	
	246	268	Sand fine to med coarse and small gravel.	
	268	279	Brown clay	
	279	286	Sand fine to med coarse.	
	286	290	Brown clay	
50	290	310	Sand fine to med coarse. Loose - used water.	
	310	311	Brown clay	
50	311	09	320 Sand fine to med coarse. Loose - used water.	
50	320	20	340 Sand fine to med coarse with very few small gravel.	
			Loose - used water.	
60	340	22	362 Sand fine to med coarse and small gravel. Loose - used water.	
	362	374	Brown clay	
55	374	39	413 Sand fine to med coarse with a few small gravel.	
			Loose - used water.	
	413	418	Brown clay	
55	418	23	441 Sand fine to med coarse with a few small gravel.	
			Loose - used water.	
	441	460	Brown clay with a few linerock sts.	
	460	480	Brown clay, linerock sts with a few ledges.	
	480	500	Brown clay	
Fair	500	36	536 Sandstone. Drilled tight - lost circulation. Took 1 sack Bran, 2 Lime to get it back. Used alot of water.	
	536	540	Redbed - Hard!	
	169			
			TOTAL DEPTH OF WELL 539'	
			Set rig up to the South	
			Dig pit on the West	
			Used 1 QUIK GEL, 1 Brand,	
			& 2 Lime to get back circulation.	