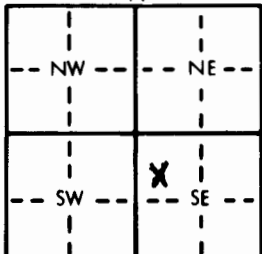
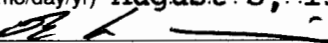


1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: Meade		SW 1/4 NW 1/4 SE 1/4	5	T 33 S	R 29 E/W
Distance and direction from nearest town or city street address of well if located within city? From Liberal go East on Hwy 54 to Meade Lake Road go East to Seward-Meade County line 2 3/4 mi North East into loc.					
2 WATER WELL OWNER: Thomas J. Grace Agate Petroleum					
RR#, St. Address, Box #: Route #2 Box 66 Board of Agriculture, Division of Water Resources					
City, State, ZIP Code: Copeland, Kansas Application Number: T 85-625					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 270 ft. ELEVATION:			
		Depth(s) Groundwater Encountered 1. 152 ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL 118 ft. below land surface measured on mo/day/yr 7/24/85			
		Pump test data: Well water was ft. after hours pumping gpm			
		Est. Yield 75 gpm: Well water was ft. after hours pumping gpm			
Bore Hole Diameter 9 in. to 270 ft., and in. to ft.		WELL WATER TO BE USED AS:			
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.....; If yes, mo/day/yr sample was submitted					
Water Well Disinfected? Yes.....No					
5 TYPE OF BLANK CASING USED:					
1 Steel		3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)	Welded.....
2 PVC		4 ABS	7 Fiberglass		Threaded.....
Blank casing diameter 5 in. to 160 ft., Dia. in. to ft., Dia. in. to ft.					
Casing height above land surface 28 in., weight 2.85 lbs./ft. Wall thickness or gauge No. .265					
TYPE OF SCREEN OR PERFORATION MATERIAL:					
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:					
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 160 ft. to 270 ft., From ft. to ft.					
GRAVEL PACK INTERVALS: From 90 ft. to 270 ft., From ft. to ft.					
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other					
Grout 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 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? Northeast		How many feet? 155'			
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	12	fine sand			
12	44	clay with caliche mixed			
44	147	med. to large sand with clay streaks			
147	163	blue clay			
163	256	med. to large sand with clay streaks			
256	270	blue clay			
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) July 24, 1985 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 118 This Water Well Record was completed on (mo/day/yr) August 8, 1985 under the business name of Carlile Water Well Service, Inc. by (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.					