

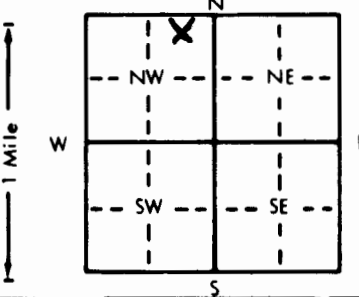
1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: SEWARD	N2 1/4 NE 1/4 NW 1/4	4	T 33S S	R 33W E/W

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

7 MILES NORTHWEST ARKALON, KS

2 WATER WELL OWNER: ZENITH DRILLING	#1-4 COSGROVE
RR#, St. Address, Box # : 1861N. ROCK ROAD #200	Board of Agriculture, Division of Water Resources
City, State, ZIP Code : WICHITA, KS 67206-1264	Application Number: 930366

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 300 ft. ELEVATION:	#1-4 COSGROVE
Depth(s) Groundwater Encountered 1. 154 ft. 2. . . . . ft. 3. . . . . ft.	Board of Agriculture, Division of Water Resources
WELL'S STATIC WATER LEVEL . . . 154 . . . ft. below land surface measured on mo/day/yr 09-18-93	Application Number: 930366
Pump test data: Well water was . . . 170 . . . ft. after . . . 1 . . . hours pumping . . . 100 . . . gpm	
Est. Yield . . . 100 . . . gpm: Well water was . . . ft. after . . . hours pumping . . . gpm	
Bore Hole Diameter 9 1/2 . . . in. to . . . 300 . . . 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 Monitoring well	
Was a chemical/bacteriological sample submitted to Department? Yes . . . . . No. <input checked="" type="checkbox"/> . . . . . ; If yes, mo/day/yr sample was submitted	
Water Well Disinfected? Yes <input checked="" type="checkbox"/> No	

5 TYPE OF BLANK CASING USED:	5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued <input checked="" type="checkbox"/> Clamped . . . . .
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)
<input checked="" type="radio"/> PVC	4 ABS	7 Fiberglass	Welded . . . . .
Blank casing diameter . . . . . 5 . . . . . in. to . . . . . 300 . . . . . ft., Dia . . . . . in. to . . . . . ft., Dia . . . . . in. to . . . . . ft.			Threaded . . . . .
Casing height above land surface . . . . . 24 . . . . . in., weight . . . . . 2,902 . . . . . lbs./ft. Wall thickness or gauge No. 280 SDR 21			
TYPE OF SCREEN OR PERFORATION MATERIAL:		<input checked="" type="radio"/> PVC	10 Asbestos-cement
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)
2 Brass	4 Galvanized steel	6 Concrete tile	9 ABS
SCREEN OR PERFORATION OPENINGS ARE:		5 Gauzed wrapped	<input checked="" type="radio"/> Saw cut
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 . . . . . 200 . . . . . ft. to . . . . . 300 . . . . . ft., From . . . . . ft. to . . . . . ft.			11 None (open hole)
GRAVEL PACK INTERVALS: From . . . . . 190 . . . . . ft. to . . . . . 300 . . . . . ft., From . . . . . ft. to . . . . . ft.			

6 GROUT MATERIAL: <input checked="" type="radio"/> Neat cement	2 Cement grout	3 Bentonite	4 Other HOLE PLUG . . . . .
Grout Intervals: From . . . . . ft. to . . . . . 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
2 Sewer lines	5 Cess pool	8 Sewage lagoon	12 Fertilizer storage
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	13 Insecticide storage
Direction from well? WEST		How many feet? 150'	<input checked="" type="radio"/> Oil well/Gas well
			16 Other (specify below)

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	80	FINE SAND & CLAY			
80	100	FINE TO COARSE SAND			
100	120	COARSE SAND & GRAVEL			
120	170	COARSE SAND & GRAVEL & SANDY CLAY MIX			
170	175	SANDY STONE & SANDY CLAY			
175	180	FINE TO COARSE SAND			
180	220	FINE TO MED SAND & LITTLE CLAY MIX			
220	270	FINE TO COARSE SAND			
270	300	MED SANDY CLAY			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was  constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) . . . . . 09-18-93 . . . . . and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. . . . . KWWCL-430 . . . . . This Water Well Record was completed on (mo/day/yr) . . . . . 09-18-93 . . . . . under the business name of HOWARD DRILG.CO. BOX 806 BEAVER, OK 73932 by (signature) *Alva Howard*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send to three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.