

1 LOCATION OF WATER WELL: County: Seward	Fraction C-W¹/₂ ¹ / ₄ E¹/₂ ¹ / ₄ W¹/₂ ¹ / ₄	Section Number 15	Township Number T 33 S	Range Number R 34 E/W
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Distance and direction from nearest town or city street address of well if located within city? **From Liberal go 9mi North 4 1/2 mi West North into location.**

2 WATER WELL OWNER: Hitch Land & Cattle Company	Anadarko Production
RR#, St. Address, Box # : 101 W 4th	Board of Agriculture, Division of Water Resources
City, State, ZIP Code : Liberal, Kansas 67901	Application Number: T-81-886

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	4 DEPTH OF COMPLETED WELL 280 ft. ELEVATION:
	Depth(s) Groundwater Encountered 1. 180 ft. 2. _____ ft. 3. _____ ft.
	WELL'S STATIC WATER LEVEL 100 ft. below land surface measured on mo/day/yr 12/8/81
	Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
	Est. Yield 60 gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
Bore Hole Diameter 9 in. to 280 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)	5 Public water supply 8 Air conditioning 11 Injection well
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:	5 Wrought iron	8 Concrete tile	CASING JOINTS: <u>Glued</u> Clamped
1 Steel 3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)	Welded
<u>2 PVC</u> 4 ABS	7 Fiberglass		Threaded
Blank casing diameter 5 in. to 200 ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.			
Casing height above land surface 28 in., weight 2.78 lbs./ft. Wall thickness or gauge No. .256			
TYPE OF SCREEN OR PERFORATION MATERIAL:	7 PVC	10 Asbestos-cement	
1 Steel 3 Stainless steel 5 Fiberglass	<u>8 RMP (SR)</u>	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	<u>8 Saw cut</u>	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 200 ft. to 280 ft., From _____ ft. to _____ ft.			
GRAVEL PACK INTERVALS: From 100 ft. to 280 ft., From _____ ft. to _____ ft.			

6 GROUT MATERIAL: <u>1 Neat cement</u> 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 <u>15 Oil well/Gas well</u>
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
13 Insecticide storage
Direction from well? Northeast of water well. How many feet? 100'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	18	clay			
18	21	gravel			
21	116	sandy clay			
116	271	fine sand			
271	276	clay			
276	280	medium to large 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) December 8, 1981 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) 12/14/81 under the business name of Carlile Water Well Service, Inc. by (signature) <i>Edward E. Means</i>

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

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EW

SEC

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GW 1/4 E 1/2 N 10 1/2 W