

Lease: Nix # 1-21

LOCATION OF WATER WELL: County: <b>Seward</b>	Fraction <b>SE 1/4 SE 1/4 SE 1/4</b>	Section Number <b>21</b>	Township Number <b>T 33 S</b>	Range Number <b>R 34 E</b>
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Distance and direction from nearest town or city street address of well if located within city? **From Woods go 14mi North to hwy 56 then 1mi East 1/2mi South 1/2mi West to location.**

WATER WELL OWNER: **Loren Nix** **Hawkins Oil & Gas**  
 RR#, St. Address, Box # : **Route #2** Board of Agriculture, Division of Water Resources  
 City, State, ZIP Code : **Liberal, Kansas 67801** Application Number: **T 84-223**

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

N			
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	NW	NE	
	---	---	
W			E
	---	---	
	SW	SE	
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			S

DEPTH OF COMPLETED WELL... **280** ft. ELEVATION: .....

Depth(s) Groundwater Encountered 1. ... **156** ft. 2. .... ft. 3. .... ft.

WELL'S STATIC WATER LEVEL ... **124** ft. below land surface measured on mo/day/yr **4/30/84**

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:

5 Public water supply	8 Air conditioning	11 Injection well
1 Domestic	3 Feedlot	<u>6 Oil field water supply</u>
2 Irrigation	4 Industrial	7 Lawn and garden only
		9 Dewatering
		12 Other (Specify below)

Was a chemical/bacteriological sample submitted to Department? Yes.....No.....; If yes, mo/day/yr sample was submitted

Water Well Disinfected? Yes.....No

TYPE OF BLANK CASING USED:

1 Steel	3 RMP (SR)	5 Wrought iron	8 Concrete tile	CASING JOINTS: <u>Glued</u>	Clamped
2 PVC	4 ABS	6 Asbestos-Cement	9 Other (specify below)	Welded	
		7 Fiberglass		Threaded	

Blank casing diameter ... **5** in. to **203** 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	<u>7 PVC</u>	10 Asbestos-cement
2 Brass	4 Galvanized steel	6 Concrete tile	8 RMP (SR)	11 Other (specify)
			9 ABS	12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:

1 Continuous slot	3 Mill slot	5 Gauzed wrapped	<u>8 Saw cut</u>	11 None (open hole)
2 Louvered shutter	4 Key punched	6 Wire wrapped	9 Drilled holes	
		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.

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	<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	34	sandy clay			
34	45	fine sand			
45	68	medium to large sand			
68	84	caliche			
84	126	sandy clay			
126	208	medium to large sand			
208	218	sandy clay			
218	280	fine sand			

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) **April 30, 1984** 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) **May 4, 1984** under the business name of **Carlile Water Well Service, Inc.** by (signature) *[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.

OFFICE USE ONLY

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