

1 LOCATION OF WATER WELL County: Grant	Fraction SW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$	Section Number 32	Township Number T 30 S	Range Number R 36 EW
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Distance and direction from nearest town or city? **Moscow $4\frac{1}{2}$ North,**
2 West, 1 North, $1\frac{1}{2}$ West & South to well

Street address of well if located within city?

2 WATER WELL OWNER: **Carl Thurow**

RR#, St. Address, Box # :
 City, State, ZIP Code : **Hugoton, KS 67951**

Board of Agriculture, Division of Water Resources
 Application Number:

3 DEPTH OF COMPLETED WELL... **430** ... ft. Bore Hole Diameter... **28** ... in. to ... ft., and ... in. to ... ft.

Well Water to be used as:
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 11 Injection well
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well 12 Other (Specify below)

Well's static water level ... **151** ... ft. below land surface measured on ... **March** ... month ... **23** ... day ... **1981** year

Pump Test Data : Well water was ... **221** ... ft. after ... **1** ... hours pumping ... **904** ... gpm
 Est. Yield **900** gpm: Well water was ... ft. after ... hours pumping ... gpm

4 TYPE OF BLANK CASING USED:

<input checked="" type="checkbox"/> 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 <input checked="" type="checkbox"/> Threaded ...
		7 Fiberglass		

Blank casing dia ... **16** ... in. to ... **150** ... ft., Dia ... in. to ... ft., Dia ... in. to ... ft.
 Casing height above land surface ... **12** ... in., weight ... **37** ... lbs./ft. Wall thickness or gauge No. ... **219**

TYPE OF SCREEN OR PERFORATION MATERIAL:

<input checked="" type="checkbox"/> 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 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes 10 Other (specify) **Bridge**

Screen-Perforation Dia ... **16** ... in. to ... **430** ... ft., Dia ... in. to ... ft., Dia ... in. to ... ft.
 Screen-Perforated Intervals: From ... **150** ... ft. to ... **430** ... ft., From ... ft. to ... ft., From ... ft. to ... ft.
 Gravel Pack Intervals: 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 11 Fertilizer storage 14 Abandoned water well
 2 Sewer lines 5 Seepage pit 8 Feed yard 12 Insecticide storage 15 Oil well/Gas well
 3 Lateral lines 6 Pit privy 9 Livestock pens 13 Watertight sewer lines 16 Other (specify below) **Unknown**

Direction from well ... How many feet ... ? Water Well Disinfected? Yes No
 Was a chemical/bacteriological sample submitted to Department? Yes No If yes, date sample was submitted ... month ... day ... year: Pump Installed? Yes No
 If Yes: Pump Manufacturer's name **Layne & Bowler WellLine** Model No. **12KH** HP **80** Volts **800** gal./min.
 Depth of Pump Intake ... **405** ... 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 **April** month, **2**, day, **1981** year

and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **102**

This Water Well Record was completed on **April** month, **30**, day, **1981** year under the business name of **Layne-Western Company, Inc.** by (signature) *[Signature]*

LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:	FROM		TO		LITHOLOGIC LOG	FROM		TO		LITHOLOGIC LOG
		0	3	345	399	Surface	345	399	399	400
3		60	399	400	Brown clay	399	400	400	415	Kelly dropped, taking lots of water
60		70	400	415	Caliche	400	415	415	420	Circulation poor
70		99	415	420	Sandrock	415	420	420	430	Kelly dropped, lost circulation
99		122	420	430	Clay w/sandrock streaks	420	430			Drilled blind, hard spots at 430'
122		176			Dirty sand					
176		180			Clay					
180		212			Fine sand					
212		221			Clay					
221		276			Fine, dirty sand					
ELEVATION:	276	345			Clay & f. sand mixed					

Depth(s) Groundwater Encountered 1. ... ft. 2. ... ft. 3. ... ft. 4. ... ft. (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
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30
R
36
EW
SEC.
32
SW $\frac{1}{4}$
NW $\frac{1}{4}$
NE $\frac{1}{4}$