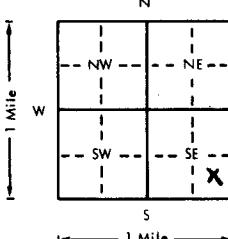


1 LOCATION OF WATER WELL		Fraction <u>X<sup>1/4</sup> C-SE 1/4 SE 1/4</u>			Section Number <u>3</u>	Township Number <u>T 33 S</u>	Range Number <u>R 41 E/W</u>		
County: <u>Morton</u>		Distance and direction from nearest town or city? <u>From Richfield go 4mi South 3/4mi East North into location.</u>			Street address of well if located within city?				
2 WATER WELL OWNER: <u>Ladd Petroleum</u>		RR#, St. Address, Box #: <u>c/o Ed Gianantonio Box 294</u>			Board of Agriculture, Division of Water Resources Application Number: <u>T-81-291</u>				
City, State, ZIP Code: <u>Liberal, Kansas 67901</u>									
3 DEPTH OF COMPLETED WELL... <u>300</u> ft.		Bore Hole Diameter... <u>9"</u> in. to ..... ft., and ..... in. to ..... ft.							
Well Water to be used as:		5 Public water supply <u>6 Oil field water supply</u> 8 Air conditioning 9 Dewatering 10 Observation well			11 Injection well 12 Other (Specify below)				
1 Domestic    3 Feedlot 2 Irrigation    4 Industrial		7 Lawn and garden only							
Well's static water level... <u>168</u> ft. below land surface measured on... <u>May</u> month... <u>11th</u> day... <u>1981</u> year									
Pump Test Data Est. Yield <u>60</u> gpm		Well water was..... ft. after..... ft. after			hours pumping..... hours pumping..... gpm				
4 TYPE OF BLANK CASING USED:		5 Wrought iron <u>6 Asbestos-Cement</u> 7 Fiberglass			8 Concrete tile 9 Other (specify below) 10 Casing Joints: <u>Glued</u> ... Clamped Welded Threaded				
1 Steel    3 RMP (SR) <u>2 PVC</u> 4 ABS									
Blank casing dia... <u>5"</u> in. to <u>220</u> ft., Dia..... in. to ..... ft., Dia..... in. to ..... ft.									
Casing height above land surface... <u>28</u> in., weight..... lbs./ft.		<u>2.78</u> lbs./ft. Wall thickness or gauge No... <u>.256</u>							
TYPE OF SCREEN OR PERFORATION MATERIAL:		7 PVC			10 Asbestos-cement 11 Other (specify) 12 None used (open hole)				
1 Steel    3 Stainless steel 2 Brass    4 Galvanized steel		5 Fiberglass 6 Concrete tile			8 Saw cut 9 Drilled holes 10 Other (specify)				
Screen or Perforation Openings Are:		5 Gauzed wrapped 6 Wire wrapped 7 Torch cut			11 None (open hole)				
1 Continuous slot    3 Mill slot 2 Louvered shutter    4 Key punched									
Screen-Perforation Dia... <u>5"</u> in. to <u>80</u> ft., Dia..... in. to ..... ft., Dia..... in. to ..... ft.									
Screen-Perforated Intervals: From... <u>220</u> ft. to <u>300</u> ft., From..... ft. to ..... ft.									
Gravel Pack Intervals: From... <u>120</u> ft. to <u>300</u> ft., From..... ft. to ..... ft.									
5 GROUT MATERIAL: <u>1 Neat cement</u>		2 Cement grout		3 Bentonite	4 Other				
Grouted Intervals: From... <u>0</u> ft. to <u>10</u> ft., From..... ft. to ..... ft., From..... ft. to ..... ft., From..... ft. to ..... ft.									
What is the nearest source of possible contamination:									
1 Septic tank    4 Cess pool 2 Sewer lines    5 Seepage pit 3 Lateral lines    6 Pit privy		7 Sewage lagoon 8 Feed yard 9 Livestock pens			10 Fuel storage 11 Fertilizer storage 12 Insecticide storage 13 Watertight sewer lines				
Direction from well... <u>Northeast</u> How many feet... <u>100</u> ?		Water Well Disinfected? Yes..... No.....			14 Abandoned water well 15 Oil well/Gas well 16 Other (specify below)				
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.....		Model No..... HP..... Volts.....							
Depth of Pump Intake..... ft.		Pumps Capacity rated at..... gal./min.							
Type of pump: <u>1 Submersible</u>		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... <u>May</u> month... <u>11th</u> day... <u>1981</u> year									
and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. .... <u>118</u> .....									
This Water Well Record was completed on... <u>May</u> month... <u>19th</u> day... <u>1981</u> year under the business name of <u>Carlile Water Well Service, Inc.</u> by (signature) <u>Edward L. Means</u>									
7 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		FROM	TO	LITHOLOGIC LOG		FROM	TO	LITHOLOGIC LOG	
		<u>0</u>	<u>2</u>	<u>surface</u>					
		<u>2</u>	<u>42</u>	<u>sandy clay</u>					
		<u>42</u>	<u>114</u>	<u>clay</u>					
		<u>114</u>	<u>122</u>	<u>fine sand</u>					
		<u>122</u>	<u>144</u>	<u>clay</u>					
		<u>144</u>	<u>213</u>	<u>fine sand &amp; med. to</u>					
		<u>213</u>	<u>268</u>	<u>large sand mixed</u>					
		<u>268</u>	<u>300</u>	<u>fine sand</u>					
				<u>red fine sand</u>					
ELEVATION:									
Depth(s) Groundwater Encountered 1... <u>132</u> 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.									



ELEVATION:

Depth(s) Groundwater Encountered 1... 132 ft. 2..... ft. 3..... ft. 4..... ft.

(Use a second sheet if needed)