

1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number				
County: <b>Morton</b>		<b>1/4</b> <b>C-NE</b> <b>1/4</b>	<b>15</b>	<b>T 35 S</b>	<b>R 41 E/W</b>				
Distance and direction from nearest town or city street address of well if located within city? <b>From Liberal go West on second street road to Wilburton blacktop then 2 1/2 mi South 3/4 mi East and North to location.</b>									
2 WATER WELL OWNER: <b>Howard Kern</b> <b>Hamilton Brothers</b>									
RR#, St. Address, Box #: <b>Route #2</b> Board of Agriculture, Division of Water Resources									
City, State, ZIP Code: <b>Keys, Oklahoma</b> Application Number: <b>T 84-611</b>									
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <b>440</b> ft. ELEVATION: .....							
<div style="text-align: center;">N ↑ 1 Mile ↓ S</div> <table border="1" style="margin: auto; text-align: center; width: 150px; height: 150px;"><tr><td>NW</td><td>NE</td></tr><tr><td>SW</td><td>SE</td></tr></table> <div style="text-align: center;">W ← → E</div>		NW	NE	SW	SE	Depth(s) Groundwater Encountered 1. <b>170</b> ft. 2. .... ft. 3. .... ft.			
		NW	NE						
		SW	SE						
		WELL'S STATIC WATER LEVEL <b>270</b> ft. below land surface measured on mo/day/yr <b>9/19/84</b>							
Pump test data: Well water was ..... ft. after ..... hours pumping ..... gpm									
Est. Yield <b>40</b> gpm: Well water was ..... ft. after ..... hours pumping ..... gpm									
Bore Hole Diameter <b>9</b> in. to <b>440</b> 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 <b>6 Oil field water supply</b> 9 Dewatering 12 Other (Specify below)									
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:									
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 <b>5</b> in. to <b>303</b> ft., Dia ..... in. to ..... ft., Dia ..... in. to ..... ft.									
Casing height above land surface <b>28</b> in., weight <b>2.85</b> lbs./ft. Wall thickness or gauge No. <b>265</b>									
TYPE OF SCREEN OR PERFORATION MATERIAL:									
1 Steel 3 Stainless steel 5 Fiberglass <b>7 PVC</b> 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 8 Saw cut 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 <b>300</b> ft. to <b>440</b> ft., From ..... ft. to ..... ft.									
GRAVEL PACK INTERVALS: From <b>260</b> ft. to <b>440</b> ft., From ..... ft. to ..... ft.									
6 GROUT MATERIAL: <b>1 Neat cement</b> 2 Cement grout 3 Bentonite 4 Other .....									
Grout Intervals: From <b>0</b> ft. to <b>10</b> 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 15 Oil well/Gas well									
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)									
13 Insecticide storage									
Direction from well? <b>Northeast of water well</b> How many feet? <b>100'</b>									
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG				
0	2	surface							
2	24	sandy clay							
24	46	fine sand							
46	62	sandy clay							
62	78	caliche							
78	134	medium to large sand							
134	183	sandy clay							
183	210	fine sand							
210	230	yellow sandstone							
230	270	red sadnstone							
270	340	fine sand							
350	440	red sandstone							
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) <b>September 19, 1984</b> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <b>118</b> This Water Well Record was completed on (mo/day/yr) <b>Sept. 28, 1984</b> under the business name of <b>Carlile Water Well Service, Inc.</b> by (signature) <i>[Signature]</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.									