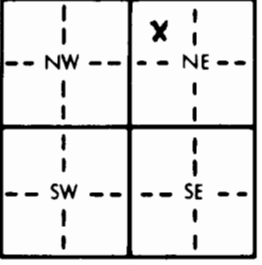


Lease: Arbuthnot A #2		WATER WELL RECORD		Form WWC-5		KSA 82a-1212	
1 LOCATION OF WATER WELL:		Fraction		Section Number		Township Number	
County: Haskell		XC-NW 1/4 NE 1/4		32		T 30 S	
Distance and direction from nearest town or city street address of well if located within city?		Range Number		Elev		R 33	
line on Hwy 190 go 1mi East 1/2mi North 1/2mi East 1/2mi North and East to location.							
2 WATER WELL OWNER: Cifies Service		RR#, St. Address, Box # : 3545 N.W. 58th Street		Board of Agriculture, Division of Water Resources		Application Number: T 84-220	
City, State, ZIP Code : Oklahoma City, Oklahoma 73112							
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 360 ft. ELEVATION: 128 ft.		WELL'S STATIC WATER LEVEL: 932 ft. below land surface measured on mo/day/yr 6/1/84			
		Depth(s) Groundwater Encountered 1. 128 ft. 2. ft. 3. ft.		Pump test data: Well water was ft. after hours pumping gpm			
		WELL WATER TO BE USED AS: 5 Public water supply 8 Air conditioning 11 Injection well		Est. Yield 60 gpm: Well water was ft. after hours pumping gpm			
		1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)		Bore Hole Diameter 9 in. to 360 ft. and in. to ft.			
		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			
5 TYPE OF BLANK CASING USED:		5 Wrought iron 8 Concrete tile		CASING JOINTS: Glued Clamped			
1 Steel 3 RMP (SR)		6 Asbestos-Cement 9 Other (specify below)		Welded			
2 PVC 4 ABS		7 Fiberglass		Threaded			
Blank casing diameter 5 in. to 263 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:		7 PVC 10 Asbestos-cement					
1 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:		5 Gauzed wrapped 8 Saw cut 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 260 ft. to 360 ft. From ft. to ft.							
GRAVEL PACK INTERVALS: From 180 ft. to 360 ft. From ft. to ft.							
6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other							
Grout Intervals: From 0 ft. to 10 ft. From ft. to ft.							
What is the nearest source of possible contamination:		10 Livestock pens 14 Abandoned water well					
1 Septic tank 4 Lateral lines 7 Pit privy 11 Fuel storage 15 Oil well/Gas well							
2 Sewer lines 5 Cess pool 8 Sewage lagoon 12 Fertilizer storage 16 Other (specify below)							
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage							
Direction from well? Northeast of water well.		How many feet? 100'					
FROM TO LITHOLOGIC LOG		FROM TO LITHOLOGIC LOG					
0 2 0/ surface							
2 58 0/ sandy clay							
58 76 0/ fine sand							
76 123 0/ sandy clay							
123 205 0/ medium to large sand							
205 222 0/ blue clay							
222 241 0/ medium to large sand							
241 255 0/ clay							
255 270 0/ medium to large sand							
270 298 0/ blue clay							
298 355 0/ medium to large sand							
355 360 0/ blue clay							
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) June 1, 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) June 6, 1984 under the business name of Carlile Water Well Service, Inc. by (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.							