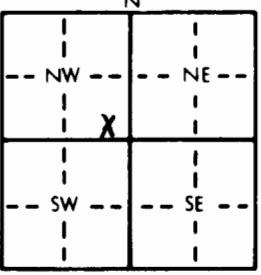


Lease: Bidleman #1

WATER WELL RECORD

Form WWC-5

KSA 82a-1212

1 LOCATION OF WATER WELL: County: Gray		Fraction SE 1/4 SE 1/4 NW 1/4	Section Number 33	Township Number T 27 S	Range Number R 27 E/W		
Distance and direction from nearest town or city street address of well if located within city From Montezuma go East on Hwy 56 to Juc. 23 then 3mi East 1 1/2 mi then North and East to location.							
2 WATER WELL OWNER: Chester W. Bidleman NRG Drilling			Board of Agriculture, Division of Water Resources Application Number: T 83-235				
RR#, St. Address, Box # : Route #1 Box 162		City, State, ZIP Code : Kinsley, Kansas 67547					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 		4 DEPTH OF COMPLETED WELL 240 ft. ELEVATION: Depth(s) Groundwater Encountered 1 55 ft. 2 ft. 3 ft. WELL'S STATIC WATER LEVEL 185 ft. below land surface measured on mo/day/yr 6/25/83 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 11 in. to 240 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 6 Oil field water supply 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) 2 PVC 4 ABS		5 Wrought iron 8 Concrete tile CASING JOINTS: Glued Clamped 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded Blank casing diameter 6 in. to 160 ft. Dia in. to ft. Dia in. to ft. Casing height above land surface 28 in., weight 2.78 lbs./ft. Wall thickness or gauge No. .256					
TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel 3 Stainless steel 5 Fiberglass 7 PVC 10 Asbestos-cement 2 Brass 4 Galvanized steel 6 Concrete tile 8 RMP (SR) 11 Other (specify) 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 160 ft. to 240 ft. From ft. to ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 60 ft. to 240 ft. From ft. to 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., 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) 10 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	46	clay					
46	155	sandy clay					
155	238	medium to large sand					
238	240	shale					
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 25, 1983 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 29, 1983 under the business name of Carlile Water Well Service, Inc. by (signature) Edward L. Means							
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.							