

Lease: Unruh #1

WATER WELL RECORD

Form WWC-5

KSA 82a-1212

1 LOCATION OF WATER WELL: Fraction NW 1/4 NW 1/4 SW 1/4 Section Number 23 Township Number T 27 S Range Number R 28 EAW  
County: Gray  
Distance and direction from nearest town or city street address of well if located within city? From Montezuma go East on Hwy 56 to Jct. of Hwy 23 then 3mi North 1mi West 1/2 North to location.

2 WATER WELL OWNER: Dave R. Unruh NRG Drilling  
RR#, St. Address, Box # :  
City, State, ZIP Code : Ensign, Kansas 67841  
Board of Agriculture, Division of Water Resources  
Application Number: T 83-270

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:  
4 DEPTH OF COMPLETED WELL: 240 ft. ELEVATION: 122 ft.  
Depth(s) Groundwater Encountered 1. 122 ft. 2. ft. 3. ft.  
WELL'S STATIC WATER LEVEL 118 ft. below land surface measured on mo/day/yr 7/14/83  
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 9 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: 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 140 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: 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 140 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., 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.  
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? Northeast of water well. How many feet? 100'

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
0	2	surface			
2	28	clay			
28	36	caliche			
36	105	sandy clay			
105	189	medium to large sand			
189	217	sandy clay			
217	230	clay			
230	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) July 14, 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) July 27, 1983  
under the business name of Carlile Water Well Service, Inc. by (signature) Edward E. 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.