

Lease: Unruh #1

WATER WELL RECORD Form WWC-5 KSA 82a-1212

1 LOCATION OF WATER WELL: County: Gray	Fraction NW $\frac{1}{4}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$	Section Number 23	Township Number T 27 S	Range Number R 28 E
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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 $\frac{1}{2}$ North to location.**

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

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: N W X E S	4 DEPTH OF COMPLETED WELL 240 ft. ELEVATION: 122 ft. 2. 118 ft. below land surface measured on mo/day/yr 7/14/83
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Depth(s) Groundwater Encountered **1** ft. 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. ft. to ft.

GRAVEL PACK INTERVALS: From **60** ft. to **240** ft., From ft. to ft. 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: 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	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/year) **July 27, 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.