WATER WELL RECORD Form WWC-5 KSA 82a-1212 Lease: BR Unit 7-2

1 LOCATION OF WATER WELL: County: Morton | Fraction: ¼ C-NE ¼ NW ¼ | Section Number: 35 | Township Number: T 32 S | Range Number: R 41 E/W

Distance and direction from nearest town or city street address of well if located within city? From Richfield go 2mi South 1mi East ¼mi South East into location.

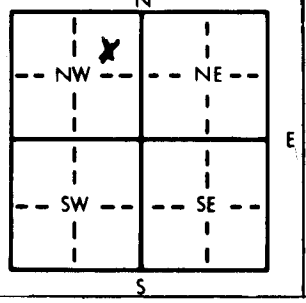
2 WATER WELL OWNER: Warren Bowker Ladd Petroleum

RR#, St. Address, Box # : RR

City, State, ZIP Code : Richfield, Kansas 67953

Board of Agriculture, Division of Water Resources Application Number: T-82-146

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL 260 ft. ELEVATION:

Depth(s) Groundwater Encountered 1. 130 ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL 130 ft. below land surface measured on mo/day/yr 3/23/82

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 260 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) 5 Wrought iron 8 Concrete tile; 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) 7 Fiberglass

CASING JOINTS: Glued Clamped; Welded; 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: 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); 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 140 ft. to 260 ft., From ft. to ft.

From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 80 ft. to 260 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	78	clay			
78	95	medium to large sand			
95	183	sandy clay			
183	236	sandstone			
236	260	50% sandstone & 50% redbed			

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) March 23, 1882 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) March 26, 1982 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.

OFFICE USE ONLY T 32 R 41 E/W SEC. 35 NE ¼ NW ¼