

CORRECTION(S) TO WATER WELL RECORD (WWC-5)  
(to rectify lacking or incorrect information)

County: Kiowa

Location listed as:

Section-Township-Range: 23-30S-19W

Fraction ( 1/4 1/4 1/4): None Given

Location changed to:

23-30S-19W

SE SE NW

Other changes: Initial statements: \_\_\_\_\_

Changed to: \_\_\_\_\_

Comments: \_\_\_\_\_

verification method: Written & legal descriptions, position on plat map, location of "Intented" oil & gas well at same location for Redland Resources, and KGS online mapping tool initials: DRP date: 12/01/2008

submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726  
to: Kansas Dept of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367.

WATER WELL RECORD

Form WWC-5

Division of Water Resources; App. No.

Blank box for application number

1 LOCATION OF WATER WELL: County: Kiowa, Fraction 1/4 1/4 1/4, Section Number 23, Township Number T 30 S, Range Number R 19 E

Distance and direction from nearest town or city street address of well if located within city? Coldwater: 7 N to Co line 3 W to Co Rd 21 2 3/4 N and E into

Global Positioning Systems (decimal degrees, min. of 4 digits) Latitude: Longitude: Elevation: Datum: Data Collection Method:

2 WATER WELL OWNER: Redland Resources, RR#, St. Address, Box #: 6001 NW 23rd, City, State, ZIP Code: Oklahoma City, OK 73126

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: [Diagram] 4 DEPTH OF COMPLETED WELL: 180 ft. Depth(s) Groundwater Encountered: 65 ft. WELL'S STATIC WATER LEVEL: 65 ft. below land surface measured on mo/day/yr. 9-25-08. Pump test data: Well water was 140 ft. after 1 hour pumping. 25 gpm. Est. Yield: 25 gpm. Well water was ... ft. after ... hours pumping. ... gpm. 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 Domestic (lawn & garden), 10 Monitoring well. Was a chemical/bacteriological sample submitted to Department? Yes ... No [X] ...; If yes, mo/day/yr. Sample was submitted. Water well disinfected? Yes [X] ... No ...

5 TYPE OF CASING USED: 1 Steel, 2 PVC, 3 RMP (SR), 4 ABS, 5 Wrought Iron, 6 Asbestos-Cement, 7 Fiberglass, 8 Concrete tile, 9 Other (specify below). CASING JOINTS: Glued [X], Clamped, Welded, Threaded. Blank casing diameter: 6 in. to 180 ft. Diameter. Casing height above land surface: 24 in., Weight 4.074 lbs./ft., Wall thickness or gauge No. SDR. 21.316. TYPE OF SCREEN OR PERFORATION MATERIAL: 1 Steel, 2 Brass, 3 Stainless Steel, 4 Galvanized Steel, 5 Fiberglass, 6 Concrete tile, 7 PVC, 8 RM (SR), 9 ABS, 10 Asbestos-Cement, 11 Other (Specify), 12 None used (open hole). SCREEN OR PERFORATION OPENINGS ARE: 1 Continuous slot, 2 Louvered shutter, 3 Mill slot, 4 Key punched, 5 Gauzed wrapped, 6 Wire wrapped, 7 Torch cut, 8 Saw cut, 9 Drilled holes, 10 Other (specify), 11 None (open hole). SCREEN-PERFORATED INTERVALS: From 80 ft. to 160 ft., From ... ft. to ... ft. GRAVEL PACK INTERVALS: From 20 ft. to 180 ft., From ... ft. to ... ft.

6 GROUT MATERIAL: 1 Neat cement, 2 Cement grout, 3 Bentonite, 4 Other hole plug. Grout Intervals: From 1 ft. to 25 ft., From ... ft. to ... ft., From ... ft. to ... ft. What is the nearest source of possible contamination: 1 Septic tank, 2 Sewer lines, 3 Watertight sewer lines, 4 Lateral lines, 5 Cess pool, 6 Seepage pit, 7 Pit privy, 8 Sewage lagoon, 9 Feedyard, 10 Livestock pens, 11 Fuel storage, 12 Fertilizer storage, 13 Insecticide storage, 14 Abandoned water well below, 15 Oil well/gas well, 16 Other (specify below). Direction from well? How many feet? ...

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Rows: 0-2 Surface, 2-67 Clay, 67-86 Sand "coarse", 86-94 Sandy clay, 94-97 Clay, 97-104 Sandy clay, 104-141 Sand and clay streaks "fine", 141-157 Clay "tan", 157-180 Clay "red".

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo/day/year) 9-25-08. Kansas Water Well Contractor's License No. KWCL 430. This Water Well Record was completed on (mo/day/year) 9-25-08 under the business name of Howard Drilling Box 806 Beaver, OK 73932. Signature: [Handwritten 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, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one to WATER WELL OWNER and retain one for your records. Fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.