

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

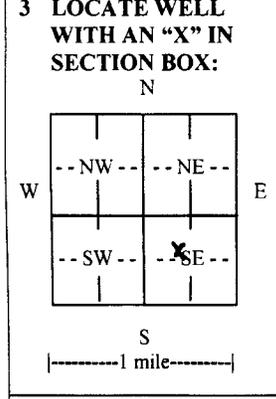
20130884

1 LOCATION OF WATER WELL: County: Ford	Fraction C ¼ SE ¼ NW ¼ SE ¼	Section Number 11	Township No. T 27 S	Range Number R 24 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here .
1 1/4 South, 1 1/4 East of Fort Dodge

Global Positioning System (GPS) information:
 Latitude: (in decimal degrees)
 Longitude: (in decimal degrees)
 Elevation:
 Datum: WGS 84, NAD 83, NAD 27
 Collection Method:
 GPS unit (Make/Model:)
 Digital Map/Photo, Topographic Map, Land Survey
 Est. Accuracy: <3 m, 3-5 m, 5-15 m, >15 m

2 WATER WELL OWNER: Ritchie Exploration
 RR#, Street Address, Box #: P.O. Box 783188
 City, State, ZIP Code : Wichita. KS 67278



4 DEPTH OF COMPLETED WELL 160 ft.

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

WELL'S STATIC WATER LEVEL 36 ft. below land surface measured on mo/day/yr. 11-1-13

Pump test data: Well water was ft. after hours pumping gpm

EST. YIELD. N/A gpm. Well water was ft. after hours pumping gpm

Bore Hole Diameter 10 in. to 160 ft., and in. to ft.

WELL WATER TO BE USED AS: Public water supply Geothermal Injection well
 Domestic Feedlot Oil field water supply Dewatering Other (Specify below)
 Irrigation Industrial Domestic-lawn & garden Monitoring 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 CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter 5 in. to 160 ft., Diameter in. to ft., Diameter in. to ft.

Casing height above land surface 18 in., Weight SDR-26 lbs./ft., Wall thickness or gauge No.

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel PVC Other (Specify)
 Brass Galvanized Steel None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
 Continuous slot Mill slot Gauze wrapped Torch cut Drilled holes None (open hole)
 Louvered shutter Key punched Wire wrapped Saw cut Other (specify)

SCREEN-PERFORATED INTERVALS: From 160 ft. to 120 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 160 ft. to 20 ft., From ft. to ft.
 From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: Neat cement Cement grout Bentonite Other

Grout Intervals: From ft. to ft., From 20 ft. to 0 ft., From ft. to ft.

What is the nearest source of possible contamination:
 Septic tank Lateral lines Pit privy Livestock pens Insecticide storage Other (specify below)
 Sewer lines Cesspool Sewage lagoon Fuel storage Abandoned water well
 Watertight sewer lines Seepage pit Feedyard Fertilizer storage Oil well/gas well River

Direction from well North Distance from well 1000ft

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	4	Top soil			
4	28	Tan clay			
28	42	Sand & gravel- med to large			
42	81	Tan clay			
81	145	Sand & gravel- med to large w/ clay streaks			
145	160	Dark gray shale			

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) 11-1-13 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 134 This Water Well Record was completed on (mo/day/year) 12-11-13 under the business name of Rosencrantz Bemis Ent Inc by (signature) *Dora Ales*

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5524. Send one copy to WATER WELL OWNER and retain one for your records. I include fee of \$5.00 for each constructed well. Visit us at <http://www.kdheks.gov/waterwell/index.html>.

ASSIGNMENT OF WATER WELL TO LANDOWNER

Loren Eichman
11379 117 RD
Dodge City, KS 67801,

is the landowner on which a water well is located approximately

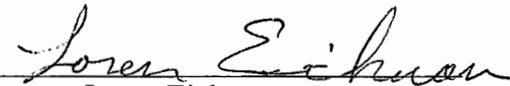
1650' FSL & 1650' FEL
Section 11-27S-24W
Ford County, Kansas.

Said water well was drilled on or about November 1, 2013
under Temporary Permit File No. 20130884.

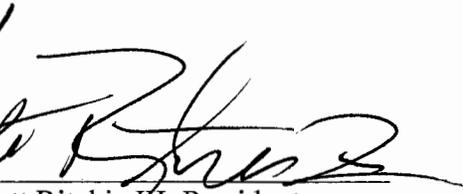
As landowners, we hereby request that Ritchie Exploration, Inc. (operator) leave the water well unplugged, and we agree to properly maintain said well, and upon abandonment of said well, we will assume all responsibility for the plugging of said water well in accordance with the requirements of the Kansas Department of Health and Environment regulations K.A.R. 28-30-7. As consideration for the transfer of this well, we will allow operator to have free use of said well if the situation should arise in the future whereby the operator has additional drilling in the area.

This transfer to be effective March 1, 2014.

LANDOWNER:


Loren Eichman

OPERATOR:


A. Scott Ritchie III, President
Ritchie Exploration, Inc.
PO Box 783188
Wichita, KS 67278-3188
(316) 691-9500

TO: Kansas Dept. of Health & Environment
Bureau of Water – Geology Section
1000 S.W. Jackson, Suite #420
Topeka, KS 66612-1367

Kansas Dept. of Agriculture
Division of Water Resources
109 SW 9th Street, 2nd Floor
Topeka, KS 66612-1283

RECEIVED

FEB 27 2014

BUREAU OF WATER