

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

20130263

1 LOCATION OF WATER WELL: County: Ford		Fraction ¼ SE ¼ SW ¼ NW ¼	Section Number 14	Township No. T 27 S	Range Number R 24 <input type="checkbox"/> E <input checked="" type="checkbox"/> W																																																																								
Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here <input type="checkbox"/> 1 1/2 West of Wilroads			Global Positioning System (GPS) information: Latitude: (in decimal degrees) Longitude: (in decimal degrees) Elevation: Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input type="checkbox"/> GPS unit (Make/Model:) <input type="checkbox"/> Digital Map/Photo, <input type="checkbox"/> Topographic Map, <input type="checkbox"/> Land Survey Est. Accuracy: <input type="checkbox"/> <3 m, <input type="checkbox"/> 3-5 m, <input type="checkbox"/> 5-15 m, <input type="checkbox"/> >15 m																																																																										
2 WATER WELL OWNER: Ritchie Exploration RR#, Street Address, Box #: P.O. Box 783188 City, State, ZIP Code : Wichita, KS 67278																																																																													
3 LOCATE WELL WITH AN "X" IN SECTION BOX: N <table border="1" style="width:100px; height:100px; text-align: center; margin: 10px auto;"> <tr><td colspan="2">-- NW --</td><td colspan="2">-- NE --</td></tr> <tr><td>W</td><td>X</td><td></td><td>E</td></tr> <tr><td colspan="2">-- SW --</td><td colspan="2">-- SE --</td></tr> </table> S -----1 mile-----		-- NW --		-- NE --		W	X		E	-- SW --		-- SE --		4 DEPTH OF COMPLETED WELL 160 ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 48 ft. below land surface measured on mo/day/yr. 3-22-13 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: <input type="checkbox"/> Public water supply <input type="checkbox"/> Geothermal <input type="checkbox"/> Injection well <input type="checkbox"/> Domestic <input type="checkbox"/> Feedlot <input checked="" type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Domestic-lawn & garden <input type="checkbox"/> Monitoring well Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, mo/day/yr sample was submitted..... Water well disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																																																															
-- NW --		-- NE --																																																																											
W	X		E																																																																										
-- SW --		-- SE --																																																																											
5 TYPE OF CASING USED: <input type="checkbox"/> Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other CASING JOINTS: <input checked="" type="checkbox"/> Glued <input type="checkbox"/> Clamped <input type="checkbox"/> Welded <input type="checkbox"/> 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: <input type="checkbox"/> Steel <input type="checkbox"/> Stainless Steel <input checked="" type="checkbox"/> PVC <input type="checkbox"/> Other (Specify) <input type="checkbox"/> Brass <input type="checkbox"/> Galvanized Steel <input type="checkbox"/> None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: <input type="checkbox"/> Continuous slot <input type="checkbox"/> Mill slot <input type="checkbox"/> Gauze wrapped <input type="checkbox"/> Torch cut <input type="checkbox"/> Drilled holes <input type="checkbox"/> None (open hole) <input type="checkbox"/> Louvered shutter <input type="checkbox"/> Key punched <input type="checkbox"/> Wire wrapped <input checked="" type="checkbox"/> Saw cut <input type="checkbox"/> 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: <input type="checkbox"/> Neat cement <input type="checkbox"/> Cement grout <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> 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: <input type="checkbox"/> Septic tank <input type="checkbox"/> Lateral lines <input type="checkbox"/> Pit privy <input type="checkbox"/> Livestock pens <input type="checkbox"/> Insecticide storage <input checked="" type="checkbox"/> Other (specify below) <input type="checkbox"/> Sewer lines <input type="checkbox"/> Cesspool <input type="checkbox"/> Sewage lagoon <input type="checkbox"/> Fuel storage <input type="checkbox"/> Abandoned water well <input type="checkbox"/> Watertight sewer lines <input type="checkbox"/> Seepage pit <input type="checkbox"/> Feedyard <input type="checkbox"/> Fertilizer storage <input type="checkbox"/> Oil well/gas well None Direction from well Distance from well																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>FROM</th> <th>TO</th> <th>LITHOLOGIC LOG</th> <th>FROM</th> <th>TO</th> <th>LITHO. LOG (cont.) or PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>4</td> <td>Fine sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>50</td> <td>Clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>50</td> <td>72</td> <td>Sand & gravel with clay streaks</td> <td></td> <td></td> <td></td> </tr> <tr> <td>72</td> <td>85</td> <td>Sand & gravel w/ short clay streaks</td> <td></td> <td></td> <td></td> </tr> <tr> <td>85</td> <td>160</td> <td>Sand & gravel- med</td> <td></td> <td></td> <td></td> </tr> <tr> <td>160</td> <td></td> <td>Yellow shale/ gray shale</td> <td></td> <td></td> <td></td> </tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td> </td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>						FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS	0	4	Fine sand				4	50	Clay				50	72	Sand & gravel with clay streaks				72	85	Sand & gravel w/ short clay streaks				85	160	Sand & gravel- med				160		Yellow shale/ gray shale																																	
FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS																																																																								
0	4	Fine sand																																																																											
4	50	Clay																																																																											
50	72	Sand & gravel with clay streaks																																																																											
72	85	Sand & gravel w/ short clay streaks																																																																											
85	160	Sand & gravel- med																																																																											
160		Yellow shale/ gray shale																																																																											
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <input checked="" type="checkbox"/> constructed, <input type="checkbox"/> reconstructed, or <input type="checkbox"/> plugged under my jurisdiction and was completed on (mo/day/year) 5-16-13..... 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) 5-21-13..... under the business name of Rosencrantz- Bemis..... by (signature) <i>Dora C. Bemis</i>																																																																													
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. 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

Claude Durler
11282 117th RD
Dodge City, KS 67801,

is the landowner on which a water well is located approximately

3080' FSL & 4160' FEL
Section 14-27S-24W
Ford County, Kansas.

Said water well was drilled on or about May 16, 2013
under Temporary Permit File No. 20130263 and No. 20130641.

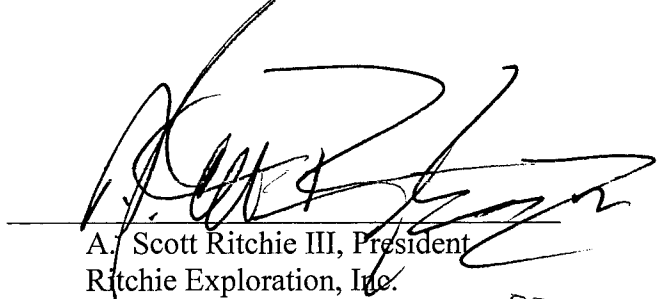
As landowners, we hereby request that Ritchie Exploration, Inc. (operator) leave the water well unplugged, and we agree to properly maintain said well, and upon abandonment of said well, we will assume all responsibility for the plugging of said water well in accordance with the requirements of the Kansas 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 October 24, 2013.

LANDOWNERS:


Claude Durler

OPERATOR:


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

RECEIVED
NOV 05 2013
BUREAU OF WATER

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