

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

22,317 & 42,583

1 LOCATION OF WATER WELL: County: Meade	Fraction $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$	Section Number 9	Township No. T 31 S	Range Number R 29 <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"/> Approx. 26 miles Southwest of Sublette, KS.		Global Positioning System (GPS) information: Latitude: .37.3684 (in decimal degrees) Longitude: 100.4829 (in decimal degrees) Elevation: 2712 Datum: <input type="checkbox"/> WGS 84, <input type="checkbox"/> NAD 83, <input checked="" type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: Magel/Triton 300) <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: JD Borth LTD. RR#, Street Address, Box #: 10211 L Road City, State, ZIP Code : Plains, KS 67870				

3 LOCATE WELL WITH AN "X" IN SECTION BOX: N <table style="width:100%; text-align: center;"> <tr> <td style="width:25%;">NW</td> <td style="width:25%;">NE</td> <td style="width:25%;">E</td> </tr> <tr> <td style="width:25%;">SW</td> <td style="width:25%;">SE</td> <td style="width:25%;">S</td> </tr> </table> S -----1 mile-----	NW	NE	E	SW	SE	S	4 DEPTH OF COMPLETED WELL 508 ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 215ft. below land surface measured on mo/day/yr. 10/19/09 Pump test data: Well water was 270ft. after 4 hours pumping. 1435 gpm EST. YIELD.....gpm. Well water was.....ft. after..... hours pumping..... gpm Bore Hole Diameter 24in. to 508ft., andin. toft. 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 type="checkbox"/> Oil field water supply <input type="checkbox"/> Dewatering <input type="checkbox"/> Other (Specify below) <input checked="" 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	E					
SW	SE	S					

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter **.16** in. to **508** ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface **12** in., Weight **42.09**lbs./ft., Wall thickness or gauge No. **250**

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 **261** ft. to **411** ft., From **443** ft. to **503** ft.
 From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **20** ft. to **508** 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 **0'** ft. to **20** ft., From ft. to 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

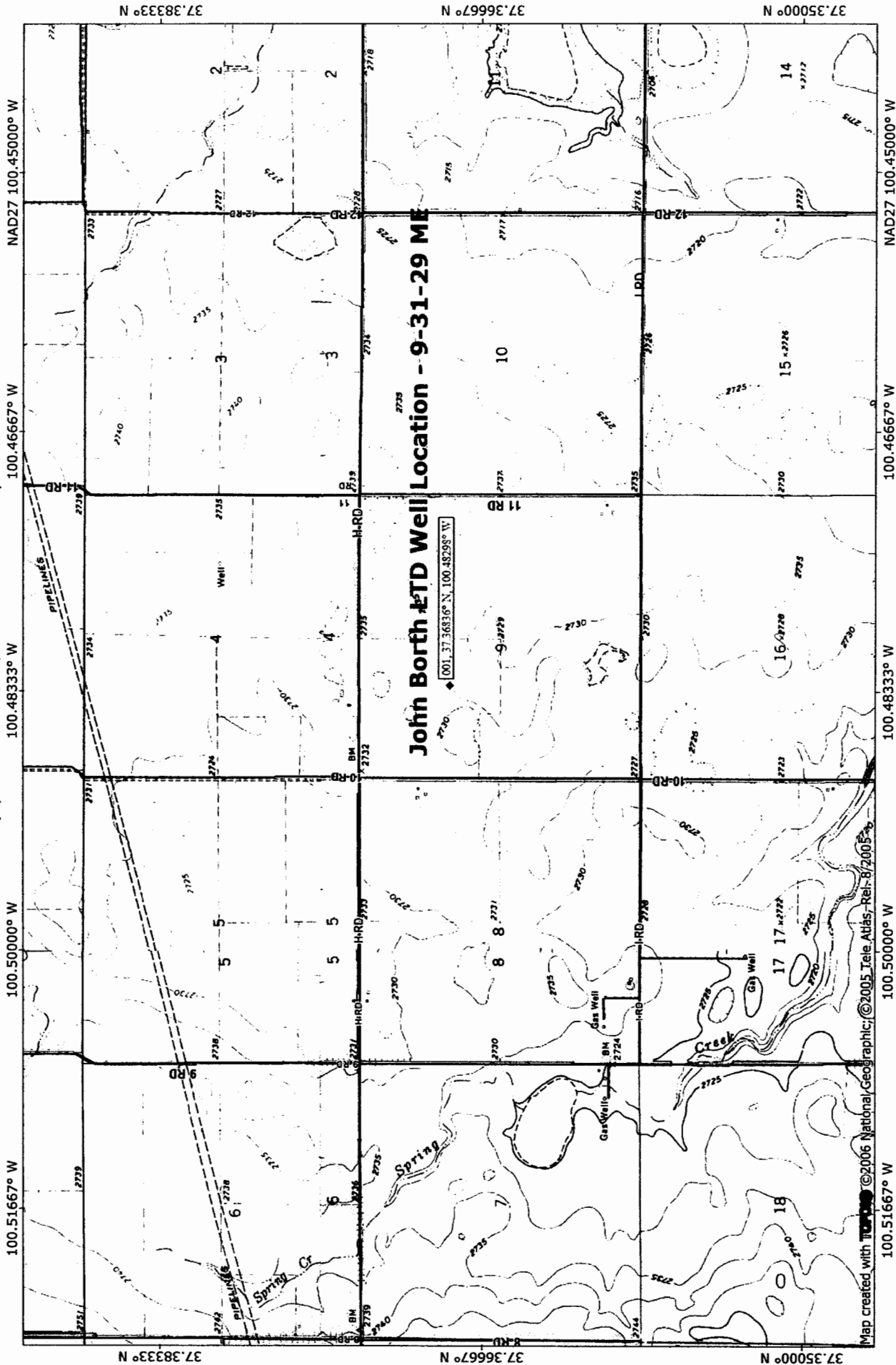
Direction from well Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0'	2'	Top Soil	312'	333'	Sand Fn. to Md. Crs.
2'	80'	Brown Sandy Clay, few Limerock, Snd	333'	349'	Sand Fn. to Md. Crs., few Clay Stri
80'	109'	Sand Fn. to Md. Crs., Sml. to Lrg.	349'	382'	Sand Fn. to Md. Crs.
		Grvl., Cemented from 109'-116'	382'	402'	Brown Sandy Clay, few Sand Strips
109'	186'	Sand Fn. to Md. Crs., Sml. Grvl.	402'	411'	Sand Fn. to Md. Crs.
186'	193'	Brown Sandy Clay	411'	443'	Brown Sandy Clay w/ Limerock ledges
193'	205'	Sand Fn. to Md. Crs.	443'	503'	Fn. Sand, few Sml. Clay Stringers
205'	211'	Brown Sandy Clay	503'	508'	Brown Clay
211'	298'	Sand Fn. to Md. Crs.			
298'	312'	Blue/Brown Sandy Clay, few Sand Bed			

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) **10/20/09** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **145** This Water Well Record was completed on (mo/day/year) **11/13/09** under the business name of **Henkle Drilling & Supply Co. Inc.** by (signature) *[Signature]*

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 785-296-5522. 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>.

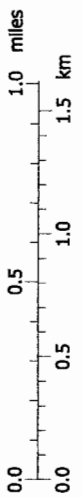
TOPO! map printed on 11/13/09 from "Untitled.tpo"



John Borth LTD Well Location - 9-31-29 ME

001.37.36836° N, 100.48295° W

**NATIONAL
GEOGRAPHIC**



TN MN

6 1/2°

11/13/09

Map created with **TOPO!** ©2006 National Geographic; ©2005 Tele Atlas-Rel-B/2005