

WATER WELL RECORD Well #2 **Form WWC-5**

Division of Water Resources App. No.

1 LOCATION OF WATER WELL: County: McPherson	Fraction SE ¼ SW ¼ SW ¼ NE ¼	Section Number 9	Township No. T 18 S	Range Number R 5 <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"/> 292 Quivera Road, Marquette, KS 67464		Global Positioning System (GPS) information: Latitude: ..38° 30' 02.4"..... (in decimal degrees) Longitude: 097° 52' 34.6"..... (in decimal degrees) Elevation: ..1618' Datum: <input type="checkbox"/> WGS 84, <input checked="" type="checkbox"/> NAD 83, <input type="checkbox"/> NAD 27 Collection Method: <input checked="" type="checkbox"/> GPS unit (Make/Model: <u>Garmin</u>) <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: Summit Producers RR#, Street Address, Box #: PO Box 737, Board of Trade City, State, ZIP Code : Salina, KS 67401				

<p>3 LOCATE WELL WITH AN "X" IN SECTION BOX: N</p> <table style="width: 100%; text-align: center; border-collapse: collapse;"> <tr> <td style="border: 1px solid black; padding: 5px;">NW</td> <td style="border: 1px solid black; padding: 5px;">NE</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">SW</td> <td style="border: 1px solid black; padding: 5px;">SE</td> </tr> </table> <p style="text-align: center;">S -----1 mile-----</p>	NW	NE	SW	SE	<p>4 DEPTH OF COMPLETED WELL 60..... ft.</p> <p>Depth(s) Groundwater Encountered (1).38..... ft. (2)..... ft. (3)..... ft.</p> <p>WELL'S STATIC WATER LEVEL. 38..... ft. below land surface measured on mo/day/yr. 11/02/11.....</p> <p>Pump test data: Well water was .49.....ft. after .2..... hours pumping. 34.5..... gpm</p> <p>EST. YIELD. 63.....gpm. Well water was .49.....ft. after .2..... hours pumping. 34.5..... gpm</p> <p>Bore Hole Diameter 12.5.....in. to 60.....ft., andin. toft.</p> <p>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 checked="" type="checkbox"/> Feedlot <input 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</p> <p>Was a chemical/bacteriological sample submitted to Department? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, mo/day/yr sample was submitted.....</p> <p>Water well disinfected? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
NW	NE				
SW	SE				

5 TYPE OF CASING USED: Steel PVC Other

CASING JOINTS: Glued Clamped Welded Threaded

Casing diameter .5..... in. to .40..... ft., Diameter in. to ft., Diameter in. to ft.

Casing height above land surface..24..... in., Weight 3.528.....lbs./ft., Wall thickness or gauge No. ...327.....

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...40..... ft. to ...60..... ft., From ft. to ft.
From..... ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From...20..... ft. to ...60..... 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 hydrant.....

Direction from well South..... Distance from well ..250'.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		See attached			

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) 11/02/2011..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 755..... This Water Well Record was completed on (mo/day/year) 01/26/2012..... under the business name of Sargent Drilling..... 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 785-296-5524. 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>.

Sargent Drilling
INDUSTRIAL ENGINEERING
COMPLETE MUNICIPAL AND INDUSTRIAL
WELL AND PUMP SERVICE

PO Box 367
Geneva, NE 68361-0367

846 South 13th St.

Phone: (402) 759-3902
1-888-496-3902

TEST HOLE LOG

CUSTOMER: Summit Producers	
WELL ID: Well #2	
LOCATION: SE SW SW NE, 9-T18S-R5W, McPherson Co., KS	
LATITUDE: 38° 30' 02.4"	
LONGITUDE: 097° 52' 34.6"	
ELEVATION: 1618'	
FOOTAGES: 2678 feet from the South section line and 2043 feet from the East section line.	
DATE: 11-2-11	DRILLED BY: Scott, Larry, Blue and Taylor

SWL: 38'
PWL: 49'
GPM: 34.5

<u>from feet</u>	<u>- to feet</u>	
0	10	Sandstone with brown clay
10	20	Fine sandstone
20	40	Fine sandstone with pyrite
40	57	Fine sandstone with pyrite and clay strip
57	65	Blue shale

Well Depth: 60'
Bore Hole Dia: 12.5"

Plain casing: 40' of 5" PVC
Perf. casing: 20' of 5" PVC slot size: .020"

Gravel Pack from 20' to 60'
Bentonite from 0' to 20'