WATER WELL RECORD — Form WWC-5

Division of Water Resources; App. No. 5906

1 LOCATION OF WATER WELL: County: Morton | Fraction: SE ¼ SW ¼ SW ¼ | Section Number: 32 | Township Number: T 31 S | Range Number: R 39 E (W)

Distance and direction from nearest town or city street address of well if located within city? See below

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

2 WATER WELL OWNER: Loren Sullivan
RR#, St. Address, Box # : 1600 S. Eisenhower St.
City, State, ZIP Code : Hugoton, KS 67951

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:

N / W / E / S — NW, NE, SW, SE — X in SW

4 DEPTH OF COMPLETED WELL .....565..... ft.

Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft.
WELL'S STATIC WATER LEVEL.....232..... ft. below land surface measured on mo/day/yr....5-1-06...
Pump test data: Well water was.....ft. after..... hours pumping..... gpm
Est. Yield.....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/yrs Sample was submitted..... Water well disinfected? Yes ..... No ..X.....

5 TYPE OF CASING USED: 5 Wrought Iron 8 Concrete tile CASING JOINTS: Glued..... Clamped.....
(1) Steel 3 RMP (SR) 6 Asbestos-Cement 9 Other (specify below) Welded.....XX.....
2 PVC 4 ABS 7 Fiberglass .....from 325 ft..... Threaded.....
Blank casing diameter ....16..... in. to .....285..... ft., Diameter. .....16..... in. to .....365. ft., Diameter ..... in. to .....ft.
Casing height above land surface..... in., Weight.....lbs./ft. Wall thickness or guage No. .....

TYPE OF SCREEN OR PERFORATION MATERIAL:
(1) Steel 3 Stainless Steel 5 Fiberglass 7 PVC 9 ABS 11 Other (Specify) .....
2 Brass 4 Galvanized Steal 6 Concrete tile 8 RM (SR) 10 Asbestos-Cement 12 None used (open hole)

SCREEN OR PERFORATION OPENINGS ARE:
1 Continuous slot (3) Mill slot 5 Guazed wrapped 7 Torch cut 9 Drilled holes 11 None (open hole)
2 Louvered shutter 4 Key punched (6) Wire wrapped 8 Saw Cut 10 Other (specify) .....

SCREEN-PERFORATED INTERVALS: From.....285..... ft. to .....325..... ft., From .....365..... ft. to .....565..... ft.
From..... ft. to ..... ft., From ..... ft. to ..... ft.
GRAVEL PACK INTERVALS: From.....20..... ft. to .....565..... ft., From ..... ft. to ..... ft.
From..... ft. to ..... ft., From ..... ft. to ..... ft.

6 GROUT MATERIAL: 1 Neat cement (2) Cement grout 3 Bentonite 4 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:
1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 13 Insecticide Storage 16 Other (specify below)
2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage (14) Abandoned water well
3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer Storage 15 Oil well/gas well .....
Direction from well? .....Southeast..... How many feet? .10..ft..S..&..75..ft..E.....

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
		See attached log			
		From southeast corner of Richfield			
		- 10 miles east on Hwy. 51,			
		3 miles north, 1 mile east,			
		60 ft. north & 4,055 ft. west			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) .....5-10-06..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. ....208..... This Water Well Record was completed on (mo/day/year) .....5-11-06..... under the business name of Minter-Wilson Drilling Co., Inc. by (signature) Nora Keller

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.kdhe.state.ks.us/geo/waterwells.

The Professionals

MINTER-WILSON DRILLING CO.

INCORPORATED

Irrigation and Domestic Water Systems Complete Installation and Repairing

Phone 276-8269 • P.O. Box A • GARDEN CITY, KANSAS 67846

Wes Schmidt
Morton County
10/26/05

Location: SW¼ 32-31-39 - From Dermot School - 2 miles south & ¼ of a mile east - well on north side of road - Offset - 75 ft. west

Static Water Level - about 240 ft.

Test #2

0'	to 2'	- Top soil
2'	to 25'	- Brown clay
25'	to 33'	- Brown sandy clay
33'	to 36'	- Fine to medium sand & gravel
36'	to 66'	- Brown clay
66'	to 81'	- Brown gray clay mixed
81'	to 104'	- Brown sandy clay
104'	to 115'	- Brown white clay
115'	to 143'	- Brown clay
143'	to 149'	- Fine to medium sand
149'	to 155'	- Brown clay
155'	to 200'	- Brown sandy clay
200'	to 245'	- Brown sandy clay - small fine sand streak
245'	to 250'	- Fine sand
250'	to 262'	- Brown yellow clay mixed
262'	to 279'	- Brown yellow clay - small sand stone strips
279'	to 280'	- hard spot 700
280'	to 291'	- Brown yellow sandstone mixed - hard pull down 200
291'	to 323'	- Brown yellow sandstone mixed - hard pull down 400
323'	to 335'	- Shale - hard pull down 400
335'	to 363'	- Shale - hard pull down 300
363'	to 421'	- Shale - small strips Dakota sandstone - hard pull down 300
421'	to 425'	- Dakota sandstone - loose
425'	to 433'	- Shale - hard pull down 300
433'	to 467'	- Yellow clay - 15% yellow sandstone - hard pull down 300
467'	to 473'	- Red clay
473'	to 516'	- Yellow clay - hard pull down 300
516'	to 530'	- Yellow clay sandstone mixed - hard pull down 300
530'	to 562'	- Gray shale - 15% yellow sandstone - hard pull down 300
562'	to 570'	- Red bed