

1 LOCATION OF WATER WELL: County: Kearny Fraction SE 1/4 SE 1/4 NW 1/4 Section Number 19 Township Number T 25 S Range Number R 35 E/W

Distance and direction from nearest town or city street address of well if located within city? From south side of Lakin-1 mile south, 3 1/2 miles east, 4 miles south, 3,265 ft. north & 2,850 ft. west

2 WATER WELL OWNER: David K. & Shawna Nichols RR#, St. Address, Box #: Route 2 Box 330 City, State, ZIP Code: Lakin, Kansas 67860 Board of Agriculture, Division of Water Resources Application Number: 27,343

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: [Diagram showing a 3x3 grid with 'X' in the center] 4 DEPTH OF COMPLETED WELL: 550 ft. ELEVATION: ... WELL'S STATIC WATER LEVEL: 170 ft. below land surface measured on mo/day/yr: 8-9-05

5 TYPE OF BLANK CASING USED: 1 Steel, 2 PVC, 3 RMP (SR), 4 ABS, 5 Wrought iron, 6 Asbestos-Cement, 7 Fiberglass, 8 Concrete tile, 9 Other (specify below), 10 Asbestos-Cement, 11 Injection well, 12 Other (Specify below) CASING JOINTS: Glued, Clamped, Welded, Threaded

6 GROUT MATERIAL: 1 Neat cement, 2 Cement grout, 3 Bentonite, 4 Other Grout intervals: From 0 ft. to 40 ft., From 160 ft. to 220 ft., From ... ft. to ... ft.

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Content: See attached log

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) 8-9-05 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No 208 This Water Well Record was completed on (mo/day/yr) 8-30-05 under the business name of Minter-Wilson Drilling Co., Inc. by (signature) Nora Keller

INCORPORATED

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

David Nichols  
Kearny County  
7/20/05

Location: NW $\frac{1}{4}$  19-25-35 - From Lakin Mennonite Church -  $\frac{1}{2}$  mile east,  
1 $\frac{1}{4}$  miles south, 255 ft. west & 600 ft. south

Static Water Level - 170 Ft.

Test #5

0' to 1' - Top soil  
1' to 8' - Fine sand - loose  
8' to 36' - Fine to medium sand & gravel  
36' to 40' - Brown clay  
40' to 52' - Fine to medium sand & gravel  
52' to 85' - Fine to medium sand & gravel - clay streak  
85' to 110' - Brown clay  
110' to 119' - Gray clay  
119' to 157' - Fine to medium sand & gravel  
157' to 173' - Blue clay  
173' to 195' - Blue clay - small gravel strip  
195' to 203' - Fine to medium sand & gravel  
203' to 221' - Blue clay  
221' to 227' - Fine to medium sand  
227' to 244' - Brown clay  
244' to 259' - Fine to medium sand & gravel  
259' to 270' - Brown sandy clay  
270' to 285' - Brown sandy clay - small sand streak  
285' to 304' - Fine to medium sand  
304' to 325' - Brown sandy clay  
325' to 346' - Brown clay  
346' to 350' - Fine sand  
350' to 360' - Fine to medium sand & gravel  
360' to 380' - Fine to medium sand - clay streak 50/50%  
380' to 404' - Brown clay  
404' to 410' - Brown sandy clay  
410' to 415' - Brown yellow clay-small brown rock-sandstone mixed  
415' to 416' - Hard spot - hard pull down 400  
416' to 420' - Brown yellow clay-small brown rock-sandstone - hard pull down 200  
420' to 433' - Brown yellow gray clay - tight  
433' to 444' - Blue shale  
444' to 472' - Gray shale - hard pull down 200  
472' to 485' - Dakota sandstone - loose - lost circulation at 479'  
485' to 547' - Gray shale - 40% Dakota sandstone  
547' to 553' - Blue shale  
553' to 560' - Blue shale - hard pull down 400