

OFFICE USE ONLY

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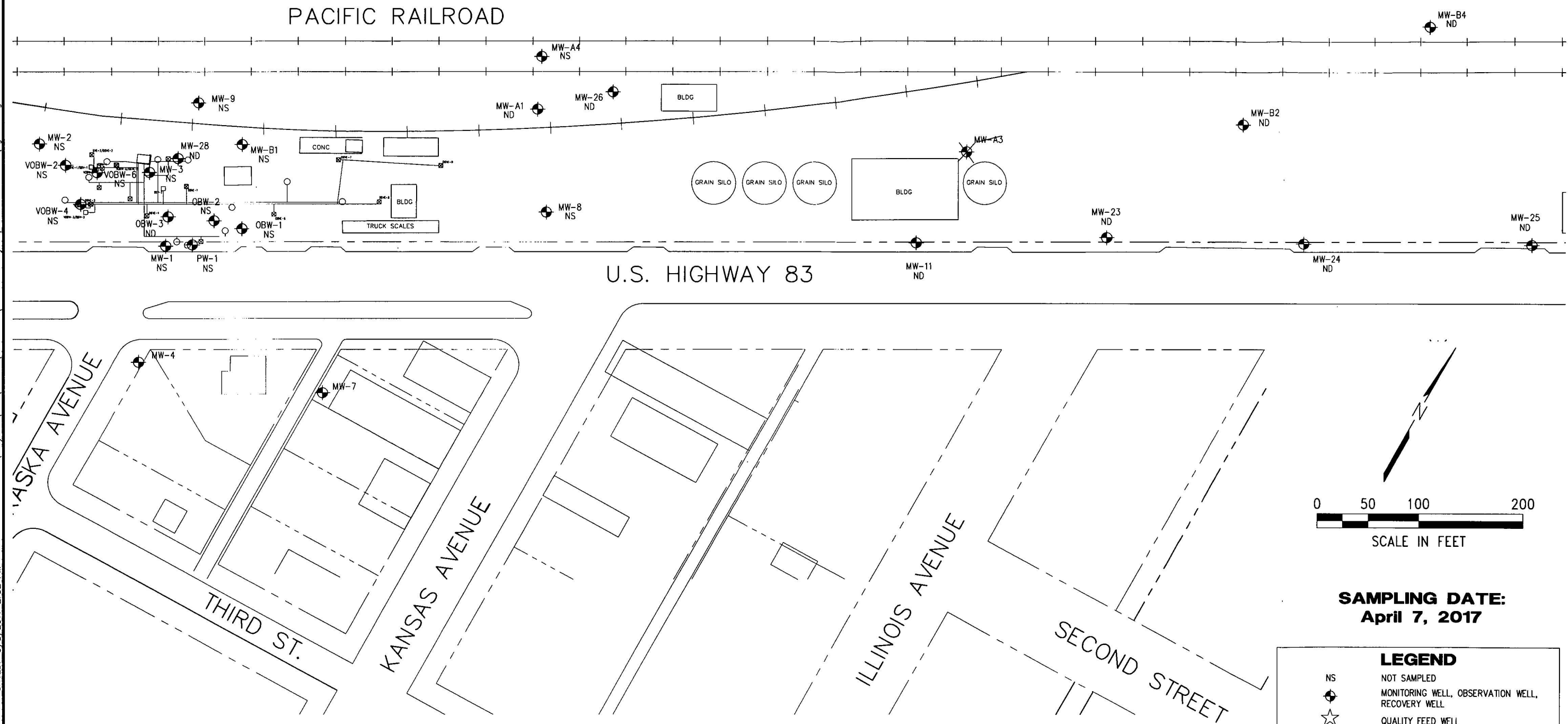
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1 LOCATION OF WATER WELL:		Fraction <u>NE SW</u>		Section Number		Township Number		Range Number																																																																																					
County: <u>Sheridan</u>		<u>NW 1/4 SW 1/4 NE 1/4</u>		<u>9</u>		<u>T 6 S</u>		<u>R 29 EW</u>																																																																																					
Distance and direction from nearest town or city street address of well if located within city?																																																																																													
2 WATER WELL OWNER: <u>Home Oil Co.</u>																																																																																													
RR#, St. Address, Box # : <u>Selden, Ks. 67757</u>																																																																																													
City, State, ZIP Code : _____ MW # <u>25</u> Application Number: _____																																																																																													
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL <u>145</u> ft. ELEVATION: _____																																																																																											
		Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.																																																																																											
		WELL'S STATIC WATER LEVEL <u>126.39</u> ft. below land surface measured on mo/day/yr _____																																																																																											
		Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm																																																																																											
		Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm																																																																																											
		Bore Hole Diameter <u>.8</u> in. to <u>1.45</u> in. and _____ in. to _____ in.																																																																																											
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 Lawn and garden only      10 <u>Monitoring well</u>																																																																																													
Was a chemical/bacteriological sample submitted to Department? Yes _____ No <u>X</u> _____; If yes, mo/day/yr sample was submitted _____																																																																																													
Water Well Disinfected? Yes _____ No <u>X</u> _____																																																																																													
5 TYPE OF BLANK CASING USED:																																																																																													
1 Steel      3 RMP (SR)      5 Wrought iron      8 Concrete tile      CASING JOINTS: Glued _____ Clamped _____ 2 PVC      4 ABS      6 Asbestos-Cement      9 Other (specify below)      Welded _____ 7 Fiberglass      Threaded <u>X</u> _____																																																																																													
Blank casing diameter <u>4</u> in. to <u>11.5</u> ft. Dia. _____ in. to _____ ft. Dia. _____ in. to _____ ft.																																																																																													
Casing height above land surface <u>0</u> in., weight <u>2.071</u> lbs./ft. Wall thickness or gauge No. <u>237</u>																																																																																													
TYPE OF SCREEN OR PERFORATION MATERIAL:																																																																																													
1 Steel      3 Stainless steel      5 Fiberglass      7 PVC      10 Asbestos-cement 2 Brass      4 Galvanized steel      6 Concrete tile      8 RMP (SR)      11 Other (specify) _____ 12 None used (open hole)																																																																																													
SCREEN OR PERFORATION OPENINGS ARE:																																																																																													
1 Continuous slot      3 Mill slot      5 Gauzed wrapped      8 Saw cut      11 None (open hole) 2 Louvered shutter      4 Key punched      6 Wire wrapped      9 Drilled holes 7 Torch cut      10 Other (specify) _____																																																																																													
SCREEN-PERFORATED INTERVALS: From <u>115</u> ft. to <u>145</u> ft., From _____ ft. to _____ ft.																																																																																													
From <u>110</u> ft. to <u>145</u> ft., From _____ ft. to _____ ft.																																																																																													
GRAVEL PACK INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft.																																																																																													
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6 GROUT MATERIAL: 1 Neat cement      2 <u>Cement grout</u> 3 Bentonite      4 Other _____																																																																																													
Grout Intervals: From <u>0</u> ft. to <u>105</u> ft., From <u>105</u> ft. to <u>110</u> 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      14 Abandoned water well 2 Sewer lines      5 Cess pool      8 Sewage lagoon      11 Fuel storage      15 Oil well/Gas well 3 Watertight sewer lines      6 Seepage pit      9 Feedyard      12 Fertilizer storage      16 Other (specify below) 13 Insecticide storage <u>Removed Fuel Storage</u>																																																																																													
Direction from well? _____ How many feet? _____																																																																																													
<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>PLUGGING INTERVALS</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>2</td> <td>surface</td> <td>120</td> <td>123</td> <td>cemented sand</td> </tr> <tr> <td>2</td> <td>15</td> <td>loess</td> <td>123</td> <td>130</td> <td>med sand w/ cemented &amp; clay stks</td> </tr> <tr> <td>15</td> <td>41</td> <td>sandy clay w/ caliche</td> <td></td> <td></td> <td></td> </tr> <tr> <td>41</td> <td>49</td> <td>sandy clay w/ sand stks</td> <td>130</td> <td>138 1/2</td> <td>sandy clay &amp; some sand</td> </tr> <tr> <td>49</td> <td>52</td> <td>med sand w/ clay</td> <td>138 1/2</td> <td>145</td> <td>med sand w/ clay stks</td> </tr> <tr> <td>52</td> <td>73</td> <td>sandy clay &amp; caliche w/ fine sand stks</td> <td></td> <td></td> <td></td> </tr> <tr> <td>73</td> <td>87</td> <td>cemented sand w/ clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>87</td> <td>90</td> <td>sandy clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>90</td> <td>93</td> <td>med sand w/ clay stks</td> <td></td> <td></td> <td></td> </tr> <tr> <td>93</td> <td>97 1/2</td> <td>sandy clay</td> <td></td> <td></td> <td></td> </tr> <tr> <td>97 1/2</td> <td>104</td> <td>cemented sand w/ sand &amp; clay stks</td> <td></td> <td></td> <td></td> </tr> <tr> <td>104</td> <td>118</td> <td>sandy clay w/ some sand</td> <td></td> <td></td> <td></td> </tr> <tr> <td>118</td> <td>120</td> <td>med sand</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>										FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS	0	2	surface	120	123	cemented sand	2	15	loess	123	130	med sand w/ cemented & clay stks	15	41	sandy clay w/ caliche				41	49	sandy clay w/ sand stks	130	138 1/2	sandy clay & some sand	49	52	med sand w/ clay	138 1/2	145	med sand w/ clay stks	52	73	sandy clay & caliche w/ fine sand stks				73	87	cemented sand w/ clay				87	90	sandy clay				90	93	med sand w/ clay stks				93	97 1/2	sandy clay				97 1/2	104	cemented sand w/ sand & clay stks				104	118	sandy clay w/ some sand				118	120	med sand			
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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) <u>7-23-96</u> and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. <u>554</u> This Water Well Record was completed on (mo/day/yr) <u>8-5-96</u> under the business name of <u>Woofert Pump &amp; Well, Inc.</u> by (signature) <u>[Signature]</u>																																																																																													
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, Topeka, Kansas 66620-0001. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.																																																																																													

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SAVED: 5/8/2017 2:32 PM  
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**LEGEND**

- NS NOT SAMPLED
- MONITORING WELL, OBSERVATION WELL, RECOVERY WELL
- QUALITY FEED WELL
- SSV, DSVE, VEW, SVE
- CITY SUPPLY WELL
- AIR SPARGE WELL
- (1.59) BTEX, PPB
- BTEX ISOCONCENTRATION LINE
- ABANDONED OR DESTROYED WELLS
- FREE PRODUCT
- ND NOT DETECTED

REVISIONS

BY

**MILCO**  
Environmental  
Services, Inc.  
Kearney, NE (308) 237-5923  
McCook, NE (308) 345-4741

**HOME OIL**

**BTEX ISOCONCENTRATION MAP**

SELDEN, KANSAS U6-090-221

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

SCALE: 1" = 100'

PROJECT NO. M258-P1-001

DATE: MAY, 2017

FIELD BOOK M&A DWG NO.

DRAWN BY: BSF

APRVD BY:

SHEET

**FIGURE 4-1**

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