

County:   Kiowa   Fraction:   NE, SE, SE   Sec.   20   T   28   S R   19   W

**CORRECTION(S) TO WATER WELL COMPLETION RECORD (WWC-5) - to rectify lacking or incorrect information**

Owner:   Northern Natural Gas  

If corrected, location was listed as: \_\_\_\_\_ Location changed to: \_\_\_\_\_

Section-Township-Range: \_\_\_\_\_

Fraction (¼ ¼ ¼):   NE, SE   |   NE, SE, SE  

Other changes: Initial statements:   grout interval(s) not provided  

Changed to:   Bentonite 115-112 ft; Cement Grout 112-0ft  

Comments:   Upon inquiry, contractor provided requested information  

Verification method: \_\_\_\_\_

Initials:   PKC   Date:   1/12/23  

Submitted by:  Kansas Geological Survey, Data Resources Library, 1930 Constant Avenue, Lawrence, KS 66047-3724  
 Kansas Dept. of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

A1TW-1

Original Record Correction Change in Well Use

Well ID

1 LOCATION OF WATER WELL: County: Kiowa Fraction 1/4 1/4 NE 1/4 SE 1/4 Section Number 20 Township Number T 28 S Range Number R 19 E W

2 WELL OWNER: Last Name: Business: Northern Natural Gas Address: 1111 South 103rd Street City: Omaha State: NE ZIP: 68124 Street or Rural Address where well is located: 14049 17th Avenue, Mullinville, KS 67109

3 LOCATE WELL WITH 'X' IN SECTION BOX: N W E S 1 milc. 4 DEPTH OF COMPLETED WELL: 140 ft. 5 Latitude: 37.589643 Longitude: 99.413514

7 WELL WATER TO BE USED AS: 1. Domestic 2. Irrigation 3. Feedlot 4. Industrial 5. Public Water Supply 6. Dewatering 7. Aquifer Recharge 8. Monitoring 9. Environmental Remediation 10. Oil Field Water Supply 11. Test Hole 12. Geothermal 13. Other

Was a chemical/bacteriological sample submitted to KDHE? Water well disinfected?

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 2 in. to 120 ft. Diameter 30 in. Weight lbs./ft. Wall thickness or gauge No. TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole) SCREEN-PERFORATED INTERVALS: From 120 ft. to 140 ft. GRAVEL PACK INTERVALS: From 115 ft. to 140 ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From ft. to ft. Nearest source of possible contamination: Septic Tank Lateral Lines Pit Privy Livestock Pens Insecticide Storage Sewer Lines Cess Pool Sewage Lagoon Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well/Gas Well Other impacted soils near abandoned bldg. footer. Direction from well? Distance from well? ft.

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include: 0-18 Lean Clay (CL), 18-28 Sandy Clean Clay (CL), 28-38 Sand (SW), 38-48 Sandy Lean Clay (CL), 48-78 Sand (SP), 78-140 Sand (SW). Includes a Notes section.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 9-22-2022. Kansas Water Well Contractor's License No. 416. This Water Well Record was completed on (mo-day-year) 10/4/22 under the business name of Terracon Consultants, Inc. Signature: [Signature]



October 28, 2022

Kansas Department of Health and Environment  
Bureau of Water, Geology Section  
1000 SW Jackson, Suite 420  
Topeka, Kansas 66612-1367

Re: Transmittal of WWC-5P Water Well Plugging Records  
Former Sunflower Army Ammunition Plant, De Soto, Kansas

Dear Sir/Madam:

Burns & McDonnell, on behalf of the Sunflower Redevelopment Group, LLC, submits the following WWC-5P Water Well Plugging Records to document abandonment of multiple monitoring wells located at the former Sunflower Army Ammunition Plant in De Soto, Kansas. The monitoring wells abandoned were associated with SWMU 60, AOC 1, and SWMU 63.

As indicated in the forms, the monitoring wells have been abandoned as part of excavation activities occurring for the Panasonic Plant. The abandonment by excavation was approved by KDHE-BER prior to completion.

If you have any questions regarding these forms, please contact me at (816) 839-7779 or [tstech@burnsmcd.com](mailto:tstech@burnsmcd.com).

Sincerely,

A handwritten signature in black ink that reads "Timothy J. Stecher".

Timothy J. Stecher, PG  
Project Manager

TJS/tjs

cc: Kise Randall – Sunflower Redevelopment LLC

RECEIVED  
NOV 02 2022  
BUREAU OF WATER