

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

Well ID

Well ID

1 LOCATION OF WATER WELL: County: Comanche Fraction SW 1/4 NE 1/4, NW 1/4 NE 1/4 Section Number 12 Township Number T 32 S Range Number R 20 E W

2 WELL OWNER: Last Name: Jarnigan First: Gary Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): If at owner's address, check here: Intersection of Avenue I and North Broadway. 2 1/2 Miles East.

3 LOCATE WELL WITH "X" IN SECTION BOX: N W E S 1 mile

4 DEPTH OF COMPLETED WELL: 200 ft. Depth(s) Groundwater Encountered: 1) 82 ft. 2) ft. 3) ft., or 4) Dry Well WELL'S STATIC WATER LEVEL: 111 ft. below land surface, measured on (mo-day-yr) 05/23/2018

5 Latitude: 37.278362 (decimal degrees) Longitude: 99.442949 (decimal degrees) Datum: WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: GPS (unit make/model): (WAAS enabled? Yes No) Land Survey Topographic Map Online Mapper: Elevation: 2072 ft. Ground Level TOC Source: Land Survey GPS Topographic Map Other KOLAR

7 WELL WATER TO BE USED AS: 1. Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 2. Public Water Supply: well ID Dewatering: how many wells? Aquifer Recharge: well ID Monitoring: well ID Environmental Remediation: well ID Air Sparge Soil Vapor Extraction Recovery Injection Oil Field Water Supply: lease Test Hole: well ID Cased Uncased Geotechnical Geothermal: how many bores? a) Closed Loop Horizontal Vertical b) Open Loop Surface Discharge Inj. of Water Other (specify):

Was a chemical/bacteriological sample submitted to KDHE? Yes No If yes, date sample was submitted: Water well disinfected? Yes No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded Casing diameter 6 in. to 200 ft., Diameter in. to ft., Diameter in. to ft. Casing height above land surface 24 in. Weight lbs./ft. Wall thickness or gauge No. SDR17 TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other (Specify) Certalok Brass Galvanized Steel Concrete tile None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot Mill Slot Gauze Wrapped Torch Cut Drilled Holes Other (Specify) Louvered Shutter Key Punched Wire Wrapped Saw Cut None (Open Hole) SCREEN-PERFORATED INTERVALS: From 160 ft. to 200 ft., From ft. to ft., From ft. to ft. GRAVEL PACK INTERVALS: From 25 ft. to 200 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Grout Intervals: From 0 ft. to 25 ft., From ft. to ft., 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 (Specify) Nothing within 300' Direction from well? Distance from well? ft.

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. 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) 05/23/2018 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 846 This Water Well Record was completed on (mo-day-year) 05/24/2018 under the business name of Nash Water Well Service, LLC

Comanche

SW NE NW NE

12-32-20W

Form	WWC5
Contractor	Nash Water Well Service, LLC
Well Owner	Gary Jarnigan
Doc ID	1410090

Lithology

Lithology		
0	3	TOP SOIL
3	7	ROCK
7	26	RED CLAY, WITH FINE SAND STREAKS
26	44	TAN CLAY
44	45	SOFT FINE SAND
45	50	RED CLAY, WITH THIN FINE SAND
50	91	LOST CIRCULATION, FEELS LIKE FINE COARSE SAND
91	100	LOST CIRCULATION, DRILLED TIGHTER
100	155	SWITCHED TO AIR DRILLER RED SHALE, GYPSUM SOIL
155	160	SOFT LIKE SAND
160	200	FINE SAND, RED SHALE