

WATER WELL RECORD Form WWC-5

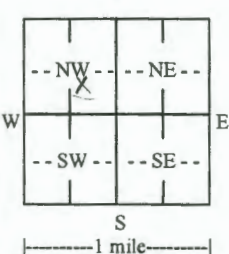
Division of Water Resources App. No.

Well ID AS3

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Comanche	Fraction SE ¼ NW ¼ SE ¼ NW ¼	Section Number 3	Township Number T 33 S	Range Number R 20 <input type="checkbox"/> E <input checked="" type="checkbox"/> W
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2 WELL OWNER: Last Name: Loucks First: Orlin/Dora Business Address: 2932 Quivira Ave. City: Great Bend State: KS ZIP: 67530	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: <input type="checkbox"/> 200 N. Broadway, Protection
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3 LOCATE WELL WITH "X" IN SECTION BOX: N  S 1 mile	4 DEPTH OF COMPLETED WELL: 34 ft. Depth(s) Groundwater Encountered: 1) 21 ft. 2) ft. 3) ft., or 4) <input type="checkbox"/> Dry Well WELL'S STATIC WATER LEVEL: ft. <input type="checkbox"/> below land surface, measured on (mo-day-yr)..... <input type="checkbox"/> above land surface, measured on (mo-day-yr)..... Pump test data: Well water was ft. after hours pumping gpm Well water was ft. after hours pumping gpm Estimated Yield: gpm Bore Hole Diameter: 8 in. to 34 ft. and in. to ft.	5 Latitude: 37.2021085 (decimal degrees) Longitude: -99.4836335 (decimal degrees) Horizontal Datum: <input type="checkbox"/> WGS 84 <input checked="" type="checkbox"/> NAD 83 <input type="checkbox"/> NAD 27 Source for Latitude/Longitude: <input type="checkbox"/> GPS (unit make/model:) (WAAS enabled? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No) <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> Topographic Map <input type="checkbox"/> Online Mapper:
6 Elevation: 1848.58 ft. <input type="checkbox"/> Ground Level <input checked="" type="checkbox"/> TOC Source: <input checked="" type="checkbox"/> Land Survey <input type="checkbox"/> GPS <input type="checkbox"/> Topographic Map <input type="checkbox"/> Other		

7 WELL WATER TO BE USED AS:

1. Domestic: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock 2. <input type="checkbox"/> Irrigation 3. <input type="checkbox"/> Feedlot 4. <input type="checkbox"/> Industrial	5. <input type="checkbox"/> Public Water Supply: well ID 6. <input type="checkbox"/> Dewatering: how many wells? 7. <input type="checkbox"/> Aquifer Recharge: well ID 8. <input type="checkbox"/> Monitoring: well ID 9. Environmental Remediation: well ID AS3 <input checked="" type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input type="checkbox"/> Oil Field Water Supply: lease 11. Test Hole: well ID <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical 12. Geothermal: how many bores? a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water 13. <input type="checkbox"/> Other (specify):
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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 **2** in. to **32** ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface **-0.72** in. Weight lbs./ft. Wall thickness or gauge No. **Sch. 40**.....

TYPE OF SCREEN OR PERFORATION MATERIAL:
 Steel Stainless Steel Fiberglass PVC Other (Specify)
 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 **32** ft. to **34** ft., From ft. to ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From **6.5** ft. to **34** ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From **3** ft. to **6.5** 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) **Contaminated site**.....
 Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5	Clay, silty, Lt. Brown to Brown			
5	21	Sand, vf-c (fill), Lt. Brown			
21	25	Sand, vf-c, silty, Dark Brown			
25	30	Clay, silty, Gray Brown			
30	34	Clay, Dark Brown			
Notes:					

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) **8/7/2018** and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. **527**..... This Water Well Record was completed on (mo-day-year) **11/1/2018** under the business name of **GeoCore Inc.**..... Signature *[Signature]*

Comanche SE NW SE NW 3 -33-20W



Louck's Service, 200 N. Broadway, Protection (N. Broadway & Pine St.)
 KDHE Project Code U1 017 00440

GPS Coordinates:

AS1: 37.2020166, -99.4837645
 AS2: 37.2021164, -99.4837584
 AS3: 37.2021085, -99.4836335
 AS4: 37.2020182, -99.4836338
 SVE1: 37.2020680, -99.4837573
 SVE2: 37.2020663, -99.4836321

MW-L1: 37.2021285, -99.4836921
 MW-L2: 37.2021134, -99.4837839
 MW-L3: 37.2020668, -99.4836903
 MW-L4: 37.2020001, -99.4837018
 MW-L5: 37.2019988, -99.4837780