

County: Lane Fraction CWL NW SW NW NW Sec. 14 T. 17 S R. 29 E (W)

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

Owner: Paula Gough

If location corrected, was listed as:

Section-Township-Range: 15-17S-29W

Fraction (¼ calls): NE, SE, NENE

Location changed to:

14-17S-29W

CWL NW, SW, NW, NW

Other changes: Initial statements: Well Water to be used as Oil Field Water Supply
DWR Permit Nos: none given (Eaton lease)

Changed to: Domestic - Livestock, (^{is} Fred 1-14 lease) per

DWR Permit No: 20150103

Comments: Adjusted Lat/Long coordinates | 38.581671 NAD 83
to place well in Sec 14 at spot | -100.505202 (per)
identified on air photo

Verification method: DWR Permit with surveyor's description

Permit expiration 5/20/15

LeWeb/Air photo on Google Earth (per) Initials: PKC Date: 3/1/16
DL5-DRL 3/4/2016

Submitted by: Kansas Geological Survey, Data Resources Library, 1930 Constant Ave., Lawrence, KS 66047-3726
 Kansas Dept. of Health & Environment, Bureau of Water, 1000 SW Jackson, Suite 420, Topeka, KS 66612-1367

WATER WELL RECORD Form WWC-5 1244905

Division of Water Resources App. No. Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Lane Fraction NE 1/4 SE 1/4 NE 1/4 NE 1/4 Section Number 15 Township Number T 17 S Range Number R 29 E W

2 WELL OWNER: Last Name: GOUGH First: PAULA 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:
 Business: Address: 15 W RD 200 FROM DIGHTON: NORTH 6 MILES, WEST 4 MILES, NORTH 1 MILE.
 Address: City: SHIELDS State: KANSAS ZIP: 67839

3 LOCATE WELL WITH "X" IN SECTION BOX:

N

NW	NE	X
SW	SE	

S

-----1 mile-----

4 DEPTH OF COMPLETED WELL: 160 ft.
 Depth(s) Groundwater Encountered: 1) 105 ft.
 2) ft. 3) ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL: 105 ft.
 below land surface, measured on (mo-day-yr)
 above land surface, measured on (mo-day-yr) 2/20/2015
 Pump test data: Well water was ft.
 after hours pumping gpm
 Well water was ft.
 after hours pumping gpm
 Estimated Yield: 70 gpm
 Bore Hole Diameter: 8.75 in. to 160 ft. and
 in. to ft.

5 Latitude: 38.58163 (decimal degrees)
Longitude: 100.50530 (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:

6 Elevation: 2787 ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other KOLAR

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 <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	10. <input checked="" type="checkbox"/> Oil Field Water Supply: lease EATON 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 5 in. to 120 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 24 in. Weight 160 lbs./ft. Wall thickness or gauge No. SDR26
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 120 ft. to 160 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 120 ft. to 160 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From 0 ft. to 120 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)
 Direction from well? EAST Distance from well? 600 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5	TOPSOIL	138	145	SAND W/ LITTLE CLAY
5	37	BROWN CLAY	145	154	SAND & GRAVEL
37	48	FINE SAND	154	158	YELLOW CLAY
48	58	SAND	158	160	SHALE
58	70	CLAY / SANDSTONE			
70	90	SAND / SANDSTONE			
90	98	SAND			
98	108	SAND W/ CLAY LAYERS			
108	138	SAND			

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) 2/20/2015 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 489 This Water Well Record was completed on (mo-day-year) 3/5/2015 under the business name of Aqua Pump LLC