

WATER WELL RECORD Form WWC-5

Original Record Correction Change in Well Use

Division of Water Resources App. No.

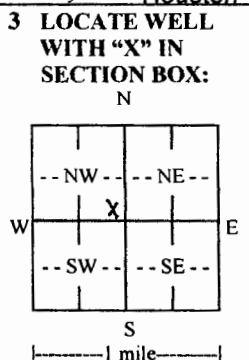
20180051

Well ID

Wagner Unit 3

1 LOCATION OF WATER WELL: County: Rush Fraction 1/4 SE 1/4 SE 1/4 NW 1/4 Section Number 28 Township Number T 18 S Range Number R 16 E W

2 WELL OWNER: Last Name: H2 Oil OPCO LLC First: 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: 1400 Post Oak Blvd Ste 400
 Address: Houston State: TX ZIP: 77056 3/4 South, 1/2 West of Shaffer



4 DEPTH OF COMPLETED WELL: 290 ft.
 Depth(s) Groundwater Encountered: 1) ft. 2) ft. 3) ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL: 110 ft.
 below land surface, measured on (mo-day-yr) 2-27-18
 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: 10 in. to 290 ft. and in. to ft.

5 Latitude: 38.4586 (decimal degrees)
Longitude: 99.0998 (decimal degrees)
 Horizontal 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: ft. Ground Level TOC
 Source: Land Survey GPS Topographic Map
 Other

7 WELL WATER TO BE USED AS:

1. Domestic: Household Lawn & Garden Livestock
 2. Irrigation
 3. Feedlot
 4. Industrial
 5. Public Water Supply: well ID
 6. Dewatering: how many wells?
 7. Aquifer Recharge: well ID
 8. Monitoring: well ID
 9. Environmental Remediation: well ID
 Air Sparge Soil Vapor Extraction
 Recovery Injection
 10. Oil Field Water Supply: lease Wagner Unit #3
 11. Test Hole: well ID
 Cased Uncased Geotechnical
 12. Geothermal: how many bores?
 a) Closed Loop Horizontal Vertical
 b) Open Loop Surface Discharge Inj. of Water
 13. 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 5 in. to 290 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 18 in. Weight SDR-21 lbs./ft. Wall thickness or gauge No.

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 270 ft. to 190 ft., From 170 ft. to 130 ft., From ft. to ft.
 GRAVEL PACK INTERVALS: From 290 ft. to 20 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
 Grout Intervals: From ft. to ft., From 20 ft. to 0 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) None
 Direction from well? Distance from well? ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	Top soil	170	205	Red bed w/ sand rock streaks
3	43	Limestone w/ yellow shale	205	208	Sand rock
43	58	Limestone w/ gray shale	208	235	Sand rock & red bed
58	103	Hard white rock w/ gray shale	235	259	Gray shale
103	108	Sandstone	259	266	Sand rock
108	125	Sand rock & gray shale	266	290	Gray shale
125	154	Sand rock & white shale	Notes:		
154	164	White gray shale			
164	170	Sand rock			

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) 3-16-18 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 134 This Water Well Record was completed on (mo-day-year) 4-18-18 under the business name of Rosencrantz-Bemis Ent Inc Signature Sara Alofs

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWTS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524. Visit us at <http://www.kdheks.gov/waterwell/index.html> KSA 82a-1212 Revised 7/10/2015