

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

20170281

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Rush Fraction ¼ NW ¼ NE ¼ NW ¼ Section Number 28 Township Number T 18 S Range Number R 16 E W

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

3 LOCATE WELL WITH "X" IN SECTION BOX:

4 DEPTH OF COMPLETED WELL: 220 ft.
 Depth(s) Groundwater Encountered: 1) ft.
 2) ft. 3) ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL: 95 1/2 ft.
 below land surface, measured on (mo-day-yr) 12-14-17
 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 220 ft. and
 in. to ft.

5 Latitude: 38.4636 (decimal degrees)
Longitude: 99.1010 (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
 Irrigation
 Feedlot
 Industrial

2. Public Water Supply: well ID

3. Dewatering: how many wells?

4. Aquifer Recharge: well ID

5. Monitoring: well ID

6. Environmental Remediation: well ID

7. Air Sparge Soil Vapor Extraction
 Recovery Injection

8. Oil Field Water Supply: lease

9. Test Hole: well ID

10. Cased Uncased Geotechnical

11. Geothermal: how many bores?

a) Closed Loop Horizontal Vertical
 b) Open Loop Surface Discharge Inj. of Water

12. 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 220 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 200 ft. to 180 ft., From 140 ft. to 100 ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 220 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

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	Top soil	159	171	Red bed
3	36	White limestone & yellow shale	171	174	Sandstone w/ gray shale
36	85	Black brittle shale	174	180	Red bed
85	95	Gray sandstone	180	203	Sandstone
95	97	Gray shale	203	220	Red bed
97	110	Tan sandstone			
110	135	Sandstone w/ gray shale			Notes:
135	150	Iron pyrite limestone gray shale			
150	159	Sandstone			

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) 12-14-17 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) 1-12-18 under the business name of Rosencrantz, Bemis, Ent Inc Signature *Gona Aliza*