

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

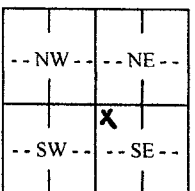
20190254

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County: Stafford Fraction: 1/4 NW 1/4 NW 1/4 SE 1/4 Section Number: 5 Township Number: T 22 S Range Number: R 13 E W

2 WELL OWNER: Last Name: Bird Dog Oil 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: Bird Dog Oil Address: 1801 Broadway, Ste 200
 Address: City: Denver State: CO ZIP: 80202
1/2 South, 3/4 East of Seward

3 LOCATE WELL WITH "X" IN SECTION BOX:


4 DEPTH OF COMPLETED WELL: 90 ft.
 Depth(s) Groundwater Encountered: 1) ft.
 2) ft. 3) ft., or 4) Dry Well
 WELL'S STATIC WATER LEVEL: 9 ft.
 below land surface, measured on (mo-day-yr) 8-10-19
 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 90 ft. and
 in. to ft.

5 Latitude: 38.16618 (decimal degrees)
Longitude: 98.77461 (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: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	5. <input type="checkbox"/> Public Water Supply: well ID	10. <input checked="" type="checkbox"/> Oil Field Water Supply: lease <u>Rutti-Gates 1-5</u>
2. <input type="checkbox"/> Irrigation	6. <input type="checkbox"/> Dewatering: how many wells?	11. Test Hole: well ID
3. <input type="checkbox"/> Feedlot	7. <input type="checkbox"/> Aquifer Recharge: well ID	<input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
4. <input type="checkbox"/> Industrial	8. <input type="checkbox"/> Monitoring: well ID	12. Geothermal: how many bores?
	9. Environmental Remediation: well ID	a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical
	<input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction	b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
	<input type="checkbox"/> Recovery <input type="checkbox"/> Injection	13. <input type="checkbox"/> Other (specify):

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

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded Threaded
 Casing diameter 5 in. to 90 ft., Diameter in. to ft., Diameter in. to ft.
 Casing height above land surface 18 in. Weight SDR-26 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 90 ft. to 70 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 90 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?

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	3	Sandy top soil			
3	36	Clay			
36	42	Sand & gravel			
42	62	Clay			
62	90	Sand & gravel			

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) 8-10-19 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) 8-19-19 under the business name of Rosencrantz-Bemis Ent Inc Signature Dora Alife

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.



ASSIGNMENT OF WATER WELL TO LANDOWNER

I, Gerald Ruffe of 1346 NW 20th Ave
(Landowner's address)

St John Ks
(City) (State) am the landowner on which a water well is located in

the NW quarter of the NW quarter of the SE quarter in Section 5, Township 22,

Range 13 E(W) in Stafford County, Kansas which is approximately

2310' feet ~~north~~/south, and 2310 feet east of the apparent SE section

corner. The water well was drilled in 8-2019 (month/year).

I hereby request that Bird Dog Oil LLC
(Operator name) leave the water well,

which was drilled by Temporary Water Permit # 20190254, unplugged, and I will

assume all responsibility for the plugging of said water well in accordance with the requirements

of the Kansas Department of Health and Environment regulation K.A.R. 28-30-7.

LANDOWNER:

Gerald Ruffe
(Signature) (Date)

Gerald Ruffe
(Print)

OPERATOR:

Kelly P. Branum 9-10-20
(Signature) (Date)

By: Kelly P. Branum Agent
(Agent)

IF ADDITIONAL LANDOWNER

(Signature) (Date)

(Print)

RECEIVED
NOV 13 2019
BUREAU OF WATER