KOLAR Document ID: 1533379

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No. 8316 Well ID

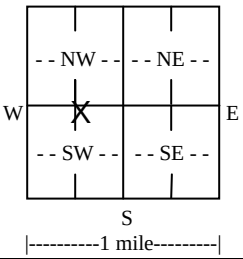
☑ Original Record ☐ Correction ☐ Change in Well Use

1 LOCATION OF WATER WELL: County: Meade | Fraction: NW ¼ NW ¼ NE ¼ SW ¼ | Section Number: 35 | Township Number: T 31 S | Range Number: R 30 ☐ E ☑ W

2 WELL OWNER: Last Name: Winter First: Donald & B
Business:
Address: 4325 Grand Timber Dr
Address:
City: Edmond State: OK ZIP: 73034

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: ☐
APPROX 4 MILES NORTH EAST OF PLAINS KANSAS

3 LOCATE WELL WITH "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL: 545 ft.
Depth(s) Groundwater Encountered: 1) 286 ft. 2) ……. ft. 3) ……. ft., or 4) ☐ Dry Well
WELL'S STATIC WATER LEVEL: 286 ft.
☑ below land surface, measured on (mo-day-yr). 9/04/2020
☐ above land surface, measured on (mo-day-yr)……
Pump test data: Well water was 336 ft. after 4 hrs. pumping 757 gpm
Well water was …… ft. after …… hrs. pumping …… gpm
Estimated Yield: 757 gpm
Bore Hole Diameter: 24 in. to 545 ft. and …… in. to …… ft.

5 Latitude: 37.30756 (decimal degrees)
Longitude: 100.55694 (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: 2759 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 ……
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 16 in. to 545 ft., Diameter …… in. to …… ft., Diameter …… in. to …… ft.
Casing height above land surface 12 in. Weight 42.09 lbs./ft. Wall thickness or gauge No. 250

TYPE OF SCREEN OR PERFORATION MATERIAL:
☐ Steel ☑ Stainless Steel ☐ PVC ☐ Other (Specify) ……
☐ Brass ☐ Galvanized Steel ☐ 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 325 ft. to 425 ft., From 425 ft. to 525 ft., From …… ft. to …… ft.
GRAVEL PACK INTERVALS: From 20 ft. to 430 ft., From 430 ft. to 545 ft., From …… ft. to …… ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☑ Bentonite ☐ Other ……
Grout Intervals: From 0 ft. to 20 ft., From …… ft. to …… ft., From …… ft. to …… ft.

Nearest source of possible contamination: ✔ No potential source of contamination within 200 ft.
☐ 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? …… Distance from well? …… ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
Attached	Attached	Attached			
			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) 9/02/2020 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 145 This Water Well Record was completed on (mo-day-year) 10/16/2020 under the business name of Hydro Resources Mid Continent, Inc. #145

Send one copy to WATER WELL OWNER and retain one for your records. Fee of $5.00 for each constructed well.
KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.
Visit us at http://www.kdheks.gov/waterwell/index.html KSA 82a-1212

Form	WWC5
Contractor	Hydro Resources Mid Continent, Inc. #145
Well Owner	Donald & Bonnie Winter
Doc ID	1533379

Lithology

From	To	LithologicLog
0	2	top soil
2	8	brown sandy clay
8	31	brown sandy clay w/ little caliche mixed
31	39	brown sandy clay w/ caliche & fine sand, some med sand
39	68	white caliche w/ fine sand mixed
68	76	brown & gray sandy clay
76	85	red and little gray sandy clay
85	106	fine to coarse sand
106	124	fine to coarse sand, small gravel
124	135	brown sandy clay
135	210	fine to coarse sand
210	222	brown sandy clay
222	231	blue clay
231	316	fine to caorse sand
316	319	brown sandy clay
319	370	fine to caorse sand
370	381	fine to coarse sand w/ few clay stringers
381	417	fine to coarse sand
417	430	fine to coarse sand, few tight layers

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Lithology

From	To	LithologicLog
430	438	fine to coarse sand white & tan sandy clay mixed
438	460	fine sand, lime rock and white clay stringers
460	480	fine sand, few lime rock strips, failrly loose in places
480	507	fine sand w/ few clay stringers
507	525	brown rock & fine sand
525	540	red bed