

WATER WELL RECORD Form WWC-5

Division of Water Resources App. No.

Well ID

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL:
County: Clark Fraction SW 1/4 NE 1/4 NE 1/4 NE 1/4 Section Number 17 Township Number T 33 S Range Number R 23 E W

2 WELL OWNER: Last Name: Magellan Ammonia Pipeline First: One Williams Center
Business: Magellan Ammonia Pipeline 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:
Address: MD/29 3 mls. West + 1 ml. South of Ashland, KS at SW corner of Co. Rd. 16 + Co. Rd. U
City: Tulsa State: OK ZIP: 74172

3 LOCATE WELL WITH "X" IN SECTION BOX:
N
W E
S
-----1 mile-----

4 DEPTH OF COMPLETED WELL: 35 ft.
Depth(s) Groundwater Encountered: 1) 30 ft.
2) ft. 3) ft., or 4) Dry Well
WELL'S STATIC WATER LEVEL: ft.
 below land surface, measured on (mo-day-yr).....
 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: 7.5 in. to 35 ft. and
..... in. to ft.

5 Latitude: 37.177805 (decimal degrees)
Longitude: -99.835250 (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: Google Earth
6 Elevation: 2024 ft. Ground Level TOC
Source: Land Survey GPS Topographic Map
 Other Google Earth

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 MW 3
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 2 in. to 2.5 ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface 30 in. Weight .72 lbs./ft. Wall thickness or gauge No. Sch 40
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 2.5 ft. to 3.5 ft., From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 2.3 ft. to 3.5 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other
Grout Intervals: From 2 ft. to 23 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) Ammonia Line
Direction from well? North Distance from well? 50 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
0	5.5	Red Brown - Sand			
5.5	10	Red Brown - Silt			
10	13	Red Brown - Sandy Silt			
13	17	Red Brown - Clayey Sand			
17	28.5	Red Brown - Clay			
28.5	35	Red Brown - Silt			

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) 9/17/13, and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 676. This Water Well Record was completed on (mo-day-year) 10/17/13 under the business name of Whitetail Services, LLC