

**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  
 Address: Tulsa State: OK ZIP: 74172 Corner of Co. Rd. 16 & Co. Rd. U  
 City: Tulsa

**3 LOCATE WELL WITH "X" IN SECTION BOX:**  
 N  

			X
--NW--	--NE--		
W			E
--SW--	--SE--		
	S		

 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:** 37.178055 .....(decimal degrees)  
**Longitude:** -99.834722 .....(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: <input type="checkbox"/> Household <input type="checkbox"/> Lawn & Garden <input type="checkbox"/> Livestock	5. <input type="checkbox"/> Public Water Supply: well ID ..... 6. <input type="checkbox"/> Dewatering: how many wells? ..... 7. <input type="checkbox"/> Aquifer Recharge: well ID ..... 8. <input checked="" type="checkbox"/> Monitoring: well ID <u>MW 2</u>	10. <input type="checkbox"/> Oil Field Water Supply: lease ..... 11. Test Hole: well ID ..... <input type="checkbox"/> Cased <input type="checkbox"/> Uncased <input type="checkbox"/> Geotechnical
2. <input type="checkbox"/> Irrigation	9. Environmental Remediation: well ID ..... <input type="checkbox"/> Air Sparge <input type="checkbox"/> Soil Vapor Extraction <input type="checkbox"/> Recovery <input type="checkbox"/> Injection	12. Geothermal: how many bores? ..... a) Closed Loop <input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical b) Open Loop <input type="checkbox"/> Surface Discharge <input type="checkbox"/> Inj. of Water
3. <input type="checkbox"/> Feedlot	4. <input type="checkbox"/> Industrial	13. <input type="checkbox"/> 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 7.2 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 35 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.  
 GRAVEL PACK INTERVALS: From 2.3 ft. to 35 ft., From ..... ft. to ..... ft., From ..... ft. to ..... ft.

**9 GROUT MATERIAL:**  Neat cement  Cement grout  Bentonite  Other .....  
 Grout Intervals: From 2 ft. to 2.3 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? 40 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	16.5	Red Brown - Clayey sand			
16.5	17	Red Brown - Silty Clay			
17	28.5	Red Brown - Clay			
28.5	30	Red Brown - Silt			
30	35	Red Brown - Silt (Wet)			
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