

WATER WELL RECORD Form WWC-5

☒ Original Record ☐ Correction ☐ Change in Well Use

Division of Water
Resources App. No.

Well ID

1 LOCATION OF WATER WELL:

County: Kiowa

Fraction SW 1/4 SE 1/4 SE 1/4 NE 1/4

Section Number 13

Township Number T 29 S

Range Number R 17 E ☒ W

2 WELL OWNER: Last Name:

Business: Magellan Ammonia Pipeline

Address: One Williams Center

Address: MD 129

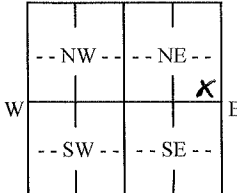
City: Tulsa

State: OK ZIP: 74172

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: ☐
From 49th Ave. & HWY 54, 1 mi. W. of Haviland, KS
90 S. 6.1 mls. on 49th Ave. to Pipeline Crossing

3 LOCATE WELL WITH "X" IN SECTION BOX:

N



S

-----1 mile-----

4 DEPTH OF COMPLETED WELL: 70 ft.

Depth(s) Groundwater Encountered: 1) 60 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 70 ft. and

..... in. to ft.

5 Latitude: 37.522111 (decimal degrees)

Longitude: -99.125583 (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: 2077 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 MWS

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 diameter 2 in. to 60 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 60 ft. to 70 ft., From ft. to ft., From ft. to ft.

GRAVEL PACK INTERVALS: From 58 ft. to 70 ft., From ft. to ft., From ft. to ft.

9 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☒ Bentonite ☐ Other

Grout Intervals: From 2 ft. to 58 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? South Distance from well? 20 ft.

10 FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
<u>0</u>	<u>1.5</u>	<u>Brown - Sandy Silt</u>			
<u>1.5</u>	<u>4</u>	<u>Brown - Silty Clay</u>			
<u>4</u>	<u>9</u>	<u>Brown - Silt</u>			
<u>9</u>	<u>40.5</u>	<u>Brown - Sand</u>			
<u>40.5</u>	<u>51.5</u>	<u>Brown - Silty Clay</u>			
<u>51.5</u>	<u>55</u>	<u>Brown - Sandy Silt</u>			
<u>55</u>	<u>70</u>	<u>Brown - Silty Sand</u>			

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) 10/2/13 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) 10/22/13.

under the business name of Whitetail Services, LLC

INSTRUCTIONS: Send one copy to WATER WELL OWNER and retain one copy for your records. Submit fee of \$5.00 for each constructed well along with one (white) copy to Kansas 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

Revised 9/10/2012