

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

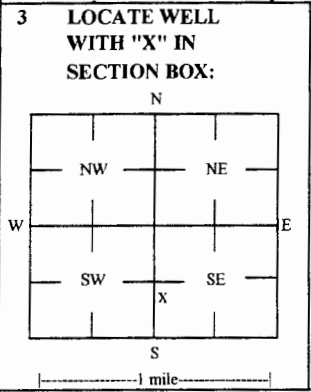
Well ID

MW1R

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Pottawatomie Fraction NE 1/4 NW 1/4 SW 1/4 SE 1/4 Section Number 10 Township Number 10 S Range Number 12 E

2 WELL OWNER: Last Name: Zapp Business: St. Mary's Oil Address: 114 E. Bertrand City St. Mary's State: KS ZIP: 66536



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 43.25 ft Depth(s) Groundwater Encountered: 1) ft 2) ft 3) ft or 4) Dry Well

5 Latitude: 39.19108 (decimal degrees) Longitude: 96.06226 (decimal degrees) Horizontal Datum: WGS 84 NAD 83 NAD 27

7 WELL WATER TO BE USED AS: 1 Domestic: 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 MW1R 9 Environmental Remediation: well ID

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 23.25 ft Diameter in. to ft Diameter in. to ft Casing height above land surface -0.3 in. Weight lbs./ft. Well thickness or gauge No

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete: 0-0.5' Grout intervals: From 0.5 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

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows show depth intervals from 0 to 45 feet with lithology descriptions like Topsoil/grass, Silty clay, Coarse fill sand, etc.

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) 2/16/17 and this record is true to the best of my knowledge and belief.

DENNIS L HANDKE

1820 NW 59th Terrace
TOPEKA, KANSAS 66618
785-286-4047 Home
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Jess Chapman
Larsen & Associates
1311 E. 25th Street, Suite B
Lawrence, Kansas, 66046

February 25, 2017

RE: Monitor Well Elevation Survey
114 E. Bertrand, St. Marys, Kansas

Proj. 17-00H
St. Marys Oil
U4-075-10765

Bnch Mark: Chisled X on SE bolt in concrete street light base at South center of property.
Elev: 958.53 North 1133.39 West 2214.57 (from SE Cor. Sec. 10-10-12E)

MW-1R	rim	958.60	North	1139.32	NE1/4,NW1/4,SW1/4,SE1/4
	top pipe	958.30	West	2194.26	Lat= 39.19108 Long = 96.06226
MW-2R	rim	958.50	North	1114.51	NE1/4,NW1/4,SW1/4,SE1/4
	top pipe	958.15	West	2125.00	Lat= 39.19101 Long = 96.06201
MW-5R	rim	958.85	North	1096.35	NE1/4,NW1/4,SW1/4,SE1/4
	top pipe	958.33	West	2068.30	Lat= 39.19096 Long = 96.06181
MW-7R	rim	958.44	North	1155.85	NE1/4,NW1/4,SW1/4,SE1/4
	top pipe	958.17	West	2237.53	Lat= 39.19113 Long = 96.06241
MW-8	rim	956.62	North	1145.21	NW1/4,NW1/4,SW1/4,SE1/4
	top pipe	956.17	West	2402.73	Lat= 39.19110 Long = 96.06299
MW-9	rim	945.89	North	968.36	NE1/4,NE1/4,SE1/4,SW1/4
	top pipe	945.56	West	2735.73	Lat= 39.19061 Long = 96.06417
MW-10	rim	947.10	North	766.18	SW1/4,NW1/4,SW1/4,SE1/4
	top pipe	946.81	West	2422.51	Lat= 39.19006 Long = 96.06307

Elevation derived from USGS BM J 262 "1940". NAVD88.

Lat & Long derived from St. Marys 7.5' Quad Maps WGS 84.

RECEIVED

MAR 13 2017

BUREAU OF WATER

If you have any questions, please feel free to call me. Thank you for the opportunity to be of service to you.

