

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

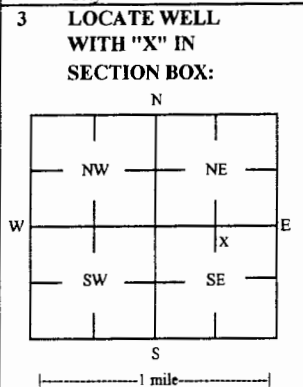
Well ID

MW18

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Butler Fraction NE 1/4 NW 1/4 NE 1/4 SE 1/4 Section Number 2 Township Number T 26 S Range Number R 5 E W

2 WELL OWNER: Last Name: Badwey First: Nick Street or Rural Address where well is located (if unknown, distance and direction from nearest town or intersection): 301 E. Central, El Dorado, KS



3 LOCATE WELL WITH 'X' IN SECTION BOX: 4 DEPTH OF COMPLETED WELL: 23.71 ft Depth(s) Groundwater Encountered: 1) ft 2) ft 3) ft or 4) Dry Well WELL'S STATIC WATER LEVEL: NA ft

5 Latitude: 37.81726 (decimal degrees) Longitude: 96.84690 (decimal degrees) Horizontal 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 1283.53 ft Ground Level TOC Source Land Survey GPS Topographic Map Other

7 WELL WATER TO BE USED AS: 1 Domestic: Household Lawn & Garden Livestock Irrigation Feedlot Industrial 5 Public Water Supply: well ID 6 Dewatering: how many wells? 7 Aquifer Recharge: well ID 8 Monitoring: well ID MW18 9 Environmental Remediation: well ID Air Sparge Soil Vapor Extractor 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 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 8.71 ft, Diameter in. to ft, Diameter in. to ft, Casing height above land surface -0.23 in. Weight lbs./ft. Well thickness or gauge No 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 8.71 ft. to 23.71 ft, From ft. to ft, From ft. to ft, GRAVEL PACK INTERVALS: From 7 ft. to 25 ft, From ft. to ft, From ft. to ft,

9 GROUT MATERIAL: Neat cement Cement grout Bentonite Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 7 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) Direction from well? SE Distance from well? ~40 ft

Table with 6 columns: 10 FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows: 0-5.5 Fill material, 5.5-16 Silty clay, 16-25 Shale.

Notes: KDHE ID: Norris 66 Service;U2-008-12252

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) 7/27/16 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No 757 This Water Well Record was completed on (mo-day-year) 8/29/16 under the business name of Larsen & Associates, Inc. Signature

Mail 1 white copy along with a fee of \$5.00 for each constructed well to: Kansas Department of Health and Environment, Bureau of Water, GWIS Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Mail one to Water Well Owner and retain one for your records. Telephone 785-296-5524.

TRITERRA LAND SERVICES

KGS Copy

P.O. Box 546
Clearwater, Kansas 67026
Cell (316) 648-3617
Fax (620) 584-4371
E-mail: triterrals@yahoo.com

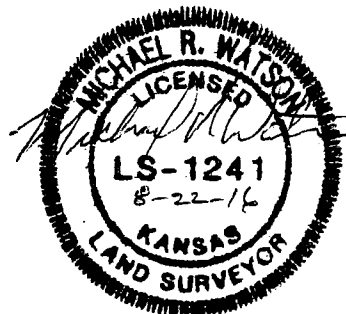
SURVEYING OF MONITORING WELLS NORRIS 66 EL DORADO, KANSAS

The above site is in Section 2, Township 26 South, Range 5 East of the Sixth Principal Meridian, Butler County, Kansas. The Southeast corner of Section 2 was assigned coordinates of 00.00 North and 00.00 West.

The vertical and horizontal control were from the previous survey. A new control point was established as a chiseled 'X' in the center of the sidewalk at the northeast corner of the site.

The Latitude and Longitude were recorded from a GPS unit. The site is located on the 7.5' quad map titled "El Dorado".

ID	NORTH	WEST	LATITUDE	LONGITUDE	ELEVATION
SE CORNER 2-26S-5E	00.00	00.00			
Control Point	2614.54	725.24	37.81729	96.84624	1283.08
MW-14 NE NW NE SE	2513.09	789.22	37.81704	96.84644	RIM 1284.84 TOC 1284.58
MW-15 NE NW NE SE	2514.11	862.26	37.81703	96.84670	RIM 1284.56 TOC 1284.21
MW-16 NE NW NE SE	2446.08	918.38	37.81683	96.84690	RIM 1283.98 TOC 1283.65
MW-17 NE NW NE SE	2543.20	862.20	37.81710	96.84670	RIM 1284.30 TOC 1284.07
MW-18 NE NW NE SE	2603.81	917.94	37.81726	96.84690	RIM 1283.76 TOC 1283.53
MW-19 NE NW NE SE	2601.79	801.85	37.81725	96.84648	RIM 1284.10 TOC 1283.80
MW-20 SE NW NE SE	2298.61	689.62	37.81642	96.84612	RIM 1279.93 TOC 1279.54



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SEP 19 2016
BUREAU OF WATER