

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

Well ID

MW10

Original Record Correction Change in Well Use

1 LOCATION OF WATER WELL: County Montgomery Fraction SE 1/4 SW 1/4 NE 1/4 NW 1/4 Section Number 1 Township Number T 35 S Range Number R 16 E W

2 WELL OWNER: Last Name: Business: Clough Oil Company Address: 202 E 11th City: Coffeyville State: KS ZIP: 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: -60' W of 202 E 11th, Coffeyville KS

3 LOCATE WELL WITH "X" IN SECTION BOX: NW NE SW SE S W E N

4 DEPTH OF COMPLETED WELL: 13 ft Depth(s) Groundwater Encountered: 1) 13 ft 2) ft 3) ft. or 4) Dry Well WELL'S STATIC WATER LEVEL: 9.2 ft. X below land surface, measured on (mo-day-yr) 6/6/17

5 Latitude: 37.03330 (decimal degrees) Longitude: 95.61418 (decimal degrees) Horizontal Datum: X WGS 84 NAD 83 NAD 27 Source for Latitude/Longitude: X Land Survey Topographic Map Online Mapper

6 Elevation 720.52 ft Ground Level X TOC Source: X 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 X Monitoring: well ID MW10 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 X No If yes, date sample was submitted: Water well disinfected? Yes No X No

8 TYPE OF CASING USED: Steel PVC Other CASING JOINTS: Glued Clamped Welded X Threaded Casing diameter 2 in to 3 ft Diameter in. to ft. Diameter in. to ft. Casing height above land surface -0.32 in. Weight lbs./ft. Well thickness or gauge No TYPE OF SCREEN OR PERFORATION MATERIAL: Steel Stainless Steel Fiberglass PVC Other (Specify) SCREEN OR PERFORATION OPENINGS ARE: Continuous Slot X 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 3 ft. to 13 ft. From ft. to ft. From ft. to ft. GRAVEL PACK INTERVALS: From 1 ft. to 13 ft. From ft. to ft. From ft. to ft.

9 GROUT MATERIAL: Neat cement Cement grout X Bentonite X Other Concrete: 0-0.5' Grout intervals: From 0.5 ft. to 1 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 X Fuel Storage Abandoned Water Well Watertight Sewer Lines Seepage Pit Feedyard Fertilizer Storage Oil Well / Gas Well Other (Specify): Direction from well? E Distance from well? ~90 ft

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS. Rows include Topsoil and rubble, Silty clay, w/ trace gravel, Silty clay, Limestone.

Notes: KDHE ID: Clough Service: U3-063-14847 Target of monitoring well is shallow groundwater. <20' of grout was installed at the direction of KDHE.

11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was X constructed, reconstructed, or plugged under my jurisdiction and was completed on (mo-day-year) 5/16/17 and this record is true to the best of my knowledge and belief. License No 757 This Water Well Record was completed on (mo-day-year) 6/7/17 under the business name of Larsen & Associates, Inc. Signature

TRITERRA

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SURVEYING OF ADDITIONAL MONITORING WELLS (5-23-17) CLOUGH SERVICE COFFEYVILLE, KANSAS

The above site is in Section 1, Township 35 South, Range 16 East of the Sixth Principal Meridian, Montgomery County, Kansas. The Southeast corner of Section 1 was assigned coordinates of 00.00 North and 00.00 West.

The vertical control is the previously established control point described as a chiseled 'X' on the west side of and adjacent to the north pump islands.

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

ID	NORTH	WEST	LATITUDE	LONGITUDE	ELEVATION
SE CORNER 1-35S-16E	00.00	00.00			
Control Point	4292.75	3459.19	37.03336	95.61385	720.77
MW-10 SE SW NE NW	4265.07	3559.27	37.03330	95.61418	RIM 720.84 TOC 720.52
MW-11 SE SW NE NW	4078.06	3439.52	37.03284	95.61382	RIM 716.46 TOC 716.21



RECEIVED
JUL 20 2017
BUREAU OF WATER