

WATER WELL RECORD

Form WWC-5

Division of Water Resources App. No.

33,706

1 LOCATION OF WATER WELL: County: Gray County Fraction 1/4 SW 1/4 SW 1/4 NE 1/4 Section Number 31 Township No. T 28 S Range Number R 29 [ ] E [x] W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here [ ]. 4 1/2 miles West of Montezuma, south about 915'

2 WATER WELL OWNER: Hv Plains Feedvard RR#, Street Address, Box #: P O Box 356 City, State, ZIP Code : Montezuma, KS 67867

Global Positioning System (GPS) information: Latitude: ..... Longitude: ..... Elevation: ..... Datum: [ ] WGS 84, [ ] NAD 83, [ ] NAD 27 Collection Method: [ ] GPS unit (Make/Model: .....), [ ] Digital Map/Photo, [ ] Topographic Map, [ ] Land Survey Est. Accuracy: [ ] <3 m, [ ] 3-5 m, [ ] 5-15 m, [ ] >15 m

3 LOCATE WELL WITH AN "X" IN SECTION BOX: N W E S [ ] mile [ ]

4 DEPTH OF COMPLETED WELL 470 ft. Depth(s) Groundwater Encountered (1)..... ft. (2)..... ft. (3)..... ft. WELL'S STATIC WATER LEVEL 188 ft. below land surface measured on mo/day/yr. 11-4-17..... Pump test data: Well water was 383 ft. after 48 hours pumping 120 gpm EST. YIELD 120 gpm. Well water was..... ft. after..... hours pumping..... gpm Bore Hole Diameter 14 3/4 in. to 470 ft., and..... in. to..... ft. WELL WATER TO BE USED AS: [ ] Public water supply [ ] Geothermal [ ] Injection well [ ] Domestic [x] Feedlot [ ] Oil field water supply [ ] Dewatering [ ] Other (Specify below) [ ] Irrigation [ ] Industrial [ ] Domestic-lawn & garden [ ] Monitoring well ..... Was a chemical/bacteriological sample submitted to Department? [ ] Yes [x] No If yes, mo/day/yr sample was submitted..... Water well disinfected? [x] Yes [ ] No

5 TYPE OF CASING USED: [ ] Steel [ ] PVC [x] Other Spline & o-ring CASING JOINTS: [ ] Glued [ ] Clamped [ ] Welded [ ] Threaded Casing diameter .8 in. to .470 ft., Diameter..... in. to..... ft., Diameter..... in. to..... ft. Casing height above land surface 18 in., Weight 250 lbs./ft., Wall thickness or gauge No. SDR17 TYPE OF SCREEN OR PERFORATION MATERIAL: [ ] Steel [ ] Stainless Steel [x] PVC [ ] Other (Specify) ..... [ ] Brass [ ] Galvanized Steel [ ] None used (open hole) SCREEN OR PERFORATION OPENINGS ARE: [ ] Continuous slot [x] Mill slot [ ] Gauze wrapped [ ] Torch cut [ ] Drilled holes [ ] None (open hole) [ ] Louvered shutter [ ] Key punched [ ] Wire wrapped [ ] Saw cut [ ] Other (specify) ..... SCREEN-PERFORATED INTERVALS: From 190 ft. to 285 ft., From 305 ft. to 470 ft. GRAVEL PACK INTERVALS: From 25 ft. to 285 ft., From 305 ft. to 470 ft.

6 GROUT MATERIAL: [ ] Neat cement [ ] Cement grout [x] Bentonite [ ] Other Grout Intervals: From 5 ft. to 25 ft., From 285 ft. to 305 ft., From..... ft. to..... ft. What is the nearest source of possible contamination: [x] Septic tank [ ] Lateral lines [ ] Pit privy [ ] Livestock pens [ ] Insecticide storage [ ] Other (specify below) [ ] Sewer lines [ ] Cesspool [ ] Sewage lagoon [ ] Fuel storage [ ] Abandoned water well [ ] Watertight sewer lines [ ] Seepage pit [ ] Feedyard [ ] Fertilizer storage [ ] Oil well/gas well Direction from well South Distance from well 140

Table with 6 columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, LITHO. LOG (cont.) or PLUGGING INTERVALS

7 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) 12-15-17..... and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 532..... This Water Well Record was completed on (mo/day/year) 12-18-17..... under the business name of Midwest Well & Pump Inc. by (signature).....

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks and check the correct answers. Send three copies (white, blue, pink) to Kansas Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-5522. Send one copy to WATER WELL OWNER and retain one for your records. Include fee of \$5.00 for each constructed well. Visit us at http://www.kdheks.gov/waterwell/index.html.

# MIDWEST WELL & PUMP

PO BOX 692, Garden City, Kansas 67846

(620)275-1920

Owner Name:	Hy Plains Feed Yard	Date:	6/17
Address:	PO Box 356	Test Hole:	1-17
City, St. Zip:	Montezuma, KS 67867	Driller:	Soukup
GPS:	N 37.57018 W 100.53350	Dig Safe#	17272956
Contact #:	[REDACTED]	Static Water Level	About:180'
Location:	NE ¼ 31-28-29 Gray County	Total Depth:	472'
From Old Well:	About 220' SW		

FROM:	TO:	STRATA:
0	2	Top Soil
2	94	Brown Clay
94	105	Medium to Coarse Sand Small Gravel, Brown Rock
105	109	Brown Clay
109	142	Medium to Coarse Sand Small Gravel, Brown Rock, Brown Rock
142	166	Medium to Coarse Sand Small to Medium Gravel
166	172	Brown Clay With Small to Medium Gravel
172	178	Brown Clay
178	188	Medium to Coarse Sand Small Gravel, Few Brown Clay Streaks
188	214	Brown Clay With Small to Medium Gravel Streaks
214	218	Medium to Coarse Sand
218	226	Brown Clay Few Medium Sand Streaks
226	250	Brown Sticky Clay
250	262	Brown Clay Few Medium to Coarse Sand Streaks
262	282	Light Brown Clay
282	316	Multi Colored Shale (Black, Red, Yellow, Gray)
316	322	Gray Shale
322	354	Sandstone With Few Loose Streaks and Gray Shale Streaks
354	356	Red Shale
356	360	Sandstone With Few Loose Streaks and Gray Shale Streaks
360	382	Gray Shale With Sand Stone Streaks Few Loose Streaks
382	389	Gray Shale
389	414	Sandstone With Few Loose Streaks
414	422	Fine to Medium Sandstone (Loose-Clean)
422	434	Gray Shale With Sand Stone Streaks
434	442	Sandstone With Gray Shale streaks
442	472	Sandstone
472		Black Shale (Very Hard)