MW-1KR

WATER WELL RECORD — Form WWC-5 — Division of Water Resources App. No.

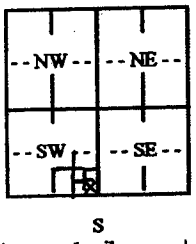
1 LOCATION OF WATER WELL: County: Shawnee | Fraction: SW ¼ SE ¼ SE ¼ SE ¼ | Section Number: 35 | Township No.: T 11 S | Range Number: R 15 ☑E ☐W

Street/Rural Address of Well Location; if unknown, distance & direction from nearest town or intersection: If at owner's address, check here ☑.
1244 SW Oakley Street, Topeka, KS 66604

Global Positioning System (GPS) information:
Latitude: 39.0441 (in decimal degrees)
Longitude: 95.7151 (in decimal degrees)
Elevation:
Datum: ☐ WGS 84, ☐ NAD 83, ☐ NAD 27
Collection Method:
☐ GPS unit (Make/Model: Google Earth)
☐ Digital Map/Photo, ☐ Topographic Map, ☐ Land Survey
Est. Accuracy: ☐ <3 m, ☑ 3-5 m, ☐ 5-15 m, ☐ >15 m

2 WATER WELL OWNER: Alan Rolley
RR#, Street Address, Box #: 3101 Old Pecos Trailer #626
City, State, ZIP Code : Santa Fe, NM 87501

3 LOCATE WELL WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL 20.0' ft.
Depth(s) Groundwater Encountered (1) ft. (2) ft. (3) ft.
WELL'S STATIC WATER LEVEL 13.56' ft. below land surface measured on mo/day/yr. 2/11/15
Pump test data: Well water was ft. after hours pumping gpm
EST. YIELD gpm. Well water was ft. after hours pumping gpm
Bore Hole Diameter 10.50" in. to 20.0' ft., and in. to ft.
WELL WATER TO BE USED AS: ☐ Public water supply ☐ Geothermal ☐ Injection well
☐ Domestic ☐ 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 ☑ No
If yes, mo/day/yr sample was submitted
Water well disinfected? ☐ Yes ☑ No

5 TYPE OF CASING USED: ☐ Steel ☑ PVC ☐ Other
CASING JOINTS: ☐ Glued ☐ Clamped ☐ Welded ☑ Threaded
Casing diameter 4.0" in. to 10.0' ft., Diameter in. to ft., Diameter in. to ft.
Casing height above land surface Flush in., Weight lbs./ft., Wall thickness or gauge No. Sch.40
TYPE OF SCREEN OR PERFORATION MATERIAL:
☐ Steel ☐ Stainless Steel ☑ PVC ☐ Other (Specify)
☐ Brass ☐ Galvanized Steel ☐ None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE:
☐ Continuous slot ☑ 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 10.0' ft. to 20.0' ft., From ft. to ft.
From ft. to ft., From ft. to ft.
GRAVEL PACK INTERVALS: From 8.0' ft. to 20.0 ft., From ft. to ft.
From ft. to ft., From ft. to ft.

6 GROUT MATERIAL: ☐ Neat cement ☐ Cement grout ☑ Bentonite ☑ Other Concrete
Grout Intervals: From 0 ft. to 1.0' ft., From 1.0' ft. to 8.0' ft., From ft. to ft.
What is the nearest source of possible contamination:
☐ 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 Distance from well

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHO. LOG (cont.) or PLUGGING INTERVALS
		See Boring Log			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was ☑ constructed, ☐ reconstructed, or ☐ plugged under my jurisdiction and was completed on (mo/day/year) 01/29/2015 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. 606 This Water Well Record was completed on (mo/day/year) 04/09/2015 under the business name of PSA Environmental 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.

KSA 82a-1212

Check: ☐ White Copy, ☐ Blue Copy, ☐ Pink Copy

SCS AQUATERRA

7311 West 130th Street, Suite 100, Overland Park, KS, 66213

CLIENT:	Terry Jones
PROJECT NAME:	Klein Limosine
PROJECT NUMBER:	U4-069-020533
PROJECT LOCATION:	Oakely and Southwest Huntoon Street, Topeka, Kansas
BORING LOCATION:	Southwest corner of dentist office building
PROJECT NUMBER:	27214354.00
GEOLOGIST:	Adam Parris
START DATE:	1/29/2015 FINISH DATE: 1/29/2015
START TIME:	7:45 FINISH TIME: 12:15

LOG OF BORING NO.: **MW-1KR**
KDHE ID TAG: 0051178

SHEET NUMBER 1 of 1

DRILLING CONTRACTOR:	PSA Environmental
DRILLER:	Aaron Butler
DRILLING RIG:	Geoprobe 6620 DT
DRILLING METHOD:	Hollow Stem Augers
SAMPLING METHOD:	5' Continous Dual Tube
BORING DIAMETER:	10.5"
WELL DIAMETER:	4"
WELL COMPLETION:	Flush Mount
SURFACE ELEVATION:	942.88
TOC ELEVATION:	942.55
WATER LEVEL:	13.56
WATER ELEVATION:	928.99
DATE:	2/11/2015

WELL CONSTRUCTION DETAILS

MATERIAL:	PVC	
DIAMETER:	4	IN
WELL TOTAL DEPTH:	20	FT BGS
SCREEN LENGTH:	15	FT
RISER LENGTH:	5	FT
TOP OF SCREEN:	5	FT BGS
BOTTOM OF SCREEN:	20	FT BGS
SCREEN SLOT:	0.01	IN
TOP OF FILTER PACK:	3	FT BGS
TOP OF SEAL:	1	FT BGS
TYPE OF SEAL:	3/8" Bentonite Chips	
TYPE OF FILTER PACK:	10/20 Silica Sand	

SAMPLER TYPE	SAMPLE DEPTH	PID (PPM)	RECOVERY	DEPTH (FEET)	USCS CLASS	CI	SOIL DESCRIPTION AND DRILLING CONDITIONS	NOTES AND WELL CONSTRUCTION
CS	0-5'	10	37"	1-5			GRASS, TOPSOIL SAND, medium grain, moist, (fill)	***Cored concrete but hit more concrete below so we offset south into the grass***
CS	5-10'	16	20"	6-10				Petro odor
CS	10-15'	67	14"	11-15			SILTSTONE, weathered, orange brown to olive, very st same as above, orange brown, hard	< Sampler Refusal at 13.5'
CS	15-20'	345	NR	16-20			Boring Terminated at 20'	

LEGEND:

SS - Split Spoon
CS - 5 foot CME Sampler
ST - Shelby Tube

PID - Photoionization Detector
PP - Pocket Penetrometer
HSA - Hollow Stem Augers
DT - Dual Tube Sampler

HA - Hand Auger
WB - Wash Bore
RB - Rock Bit
NX - Rock Core

THE STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY LINES BETWEEN SOIL AND ROCK TYPES: ACTUAL TRANSITIONS MAY BE GRADUAL.