

WATER WELL REC		// <b>//</b> C-3	39019		ion of Water		W 11 ID		
		e in Well Use			rces App. No.		Well ID	NY 1	
		Fraction	1/ 1/	Secti	on Number	Township Numb		ige Number	
County:	1/4 1/4	1/4 1/4	. D	1 4 1 1	T S	R	□E □W		
2 WELL OWNER: Last N Business:	Name:	First:				nere well is located			
Address:			direction	from ne	arest town or in	tersection): If at owne	r s address, c	ineck nere:	
Address:									
City:	State:	ZIP:							
3 LOCATE WELL	DEPTH OF COM	IPI ETED WEI I	•	ft	5 Lotitud	n•		(desimal desmoss)	
WITH "A" IN	Depth(s) Groundwater I								
SECTION BOA:		3) ft., or 4							
N V	VELL'S STATIC WA				Source for Latitude/Longitude:				
			asured on (mo-day-yr)asured on (mo-day-yr)			☐ GPS (unit make/model:			
NWNE	☐ above land surface,	measured on (mo-d							
	ump test data: Well w				☐ Land Survey ☐ Topographic Map				
E E		pumping			☐ Onli	ne Mapper:			
SW   SE		ater was							
1 1 , 1, , 1 1	after nours Estimated Yield:	pumping	gpm	6 Elevation:ft. ☐ Ground Level ☐ TOC					
	Bore Hole Diameter:		ft and						
1 mile		in. to							
7 WELL WATER TO BI					I.				
1. Domestic:		ter Supply: well ID			10. □ Oil F	ield Water Supply: 1	ease		
☐ Household		g: how many wells?				le: well ID			
☐ Lawn & Garden	7. Aquifer Re	echarge: well ID				d Uncased			
☐ Livestock		g: well ID				mal: how many bore			
2.  Irrigation		al Remediation: wel				ed Loop   Horizon			
3. ☐ Feedlot	☐ Air Sparge		☐ Soil Vapor Extraction			b) Open Loop ☐ Surface Discharge ☐ Inj. of Water  13. ☐ Other (specify):			
4.  Industrial	☐ Recovery	☐ Injection							
Was a chemical/bacteriolo		itted to KDHE?	☐ Yes ☐	No ]	If yes, date s	ample was submitte	ed:		
Water well disinfected?									
8 TYPE OF CASING US									
Casing diameter									
Casing height above land surfa			lb	s./ft.	Wall thickne	ss or gauge No			
TYPE OF SCREEN OR PE			~		Пол	(0 :0)			
☐ Steel ☐ Stainless ☐ Brass ☐ Galvania				n hala)		(Specify)		• • • • • • • • • • • • • • • • • • • •	
☐ Brass ☐ Galvaniz			ne used (ope	n noie)					
			Torch Cut	□ Dri	lled Holes - F	Other (Specify)			
Louvered Shutter					ne (Open Hole		,		
SCREEN-PERFORATED	INTERVALS: From	1 ft. to	ft F	rom	ft. to	ft., From	ft. to	ft.	
	INTERVALS: From								
9 GROUT MATERIAL:									
Nearest source of possible co	Grout Intervals: From								
☐ Septic Tank	☐ Lateral Line				ivestock Pens		icide Storage		
Sewer Lines	Cess Pool	Sewage			uel Storage		loned Water V	Well	
☐ Watertight Sewer Lines	☐ Seepage Pit			□F	ertilizer Storaş	ge ∐ Oil We	ell/Gas Well		
☐ Other (Specify)  Direction from well?									
10 FROM TO	LITHOLOG		FRC			THO. LOG (cont.) o		GINTERVALS	
IV TROM	LITHOLOG	JIC LOG	TRO	7141	TO E	THO. LOG (cont.) o	11 Le GGH V	SHVIERVILD	
Notes:									
11 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was   constructed,   reconstructed, or   plugged									
under my jurisdiction and v	under my jurisdiction and was completed on (mo-day-year)								
Kansas Water Well Contrac	ctor's License No	This	Water Wel	I Keco	rd was comp	leted on (mo-day-y	ear)		
under the business name of									
KS Department of Health and Environment, Bureau of Water, Geology Section, 1000 SW Jackson St., Suite 420, Topeka, Kansas 66612-1367. Telephone 785-296-3565.									

KSA 82a-1212 Visit us at http://www.kdheks.gov/waterwell/index.html

Form	WWC5	
Contractor	Hydro Resources Mid Continent, Inc.	
Well Owner	Doug Caldwell	
Doc ID	1139619	

## Litholgy

From	То	LithologicLog
0	2	TOP SOIL
2	24	BROWN CLAY
24	32	COARSE SAND, SMALL GRAVEL
32	133	BROWN CLAY FEW SAND STREAKS
133	162	LIGHT BROWN CLAY, GYPSUM
162	172	FINE TO MED SAND, FEW BROWN CLAY STREAKS
172	202	BROWN CLAY, GYPSUM, CEMENTED SAND, FEW LOOSE MED SAND STREAKS
202	223	MED TO COARSE SAND, SMALL GRAVEL, WHITE BROKEN ROCK CHIPS
223	236	BROWN CLAY, CEMENTED SAND STREAKS FEW LOOSE MED SAND STREAKS
236	245	MED TO COARSE SAND, SMALL GRAVEL, FEW CEMENTED SAND STREAKS
245	251	BROWN CLAY FEW CEMENTED SAND STREAKS

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From	То	LithologicLog
251	262	MED TO COARSE SAND, SOME SMALL GRAVEL, WHITE BROKEN ROCK, FEW SMALL CEMENTED SAND AND SMALL BROWN CLAY STREAKS
262	270	BROWN CLAY, CEMENTED SAND, WHITE BROKEN ROCK, FEW MED SAND STREAKS
270	291	MED TO COARSE SAND, SMALL GRAVEL, WHITE BROKEN ROCK
291	310	BROWN CLAY, WHITE BROKEN ROCK, MED SAND STREAKS
310	322	FINE TO MED SAND, SOME SMALL GRAVEL, WHITE BROKEN ROCK CHIPS
322	345	BROWN CLAY, MED TO COARSE SAND, SMALL GRAVEL, WHITE BROKEN ROCK STREAKS
345	354	YELLOW SOAPSTONE, BLACK SHALE
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