

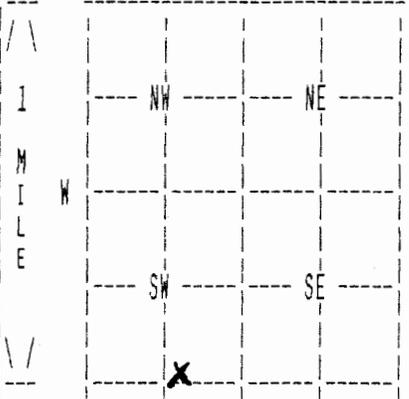
WATER WELL RECORD Form WWC-5 KSA 82A-1212

1 LOCATION OF WATER WELL: COUNTY: 041 HASKELL FRACTION: SW 1/4 SE 1/4 SW 1/4 SECTION NUMBER: 03 TOWNSHIP NUMBER: T 28 S RANGE NUMBER: R 31 W

DISTANCE AND DIRECTION FROM NEAREST TOWN OR CITY STREET ADDRESS OF WELL IF LOCATED WITHIN CITY?
FROM SUBLETTE; APPX 10 MILES NORTH & 7 1/2 MILES EAST

2 WATER WELL OWNER: LAWRENCE WITHERS BOARD OF AGRICULTURE, DIVISION OF WATER RESOURCES
RR#, ST. ADDRESS, BOX #: 2298 90TH ROAD
CITY, STATE, ZIP CODE: COPELAND, KS 67837-7035 APPLICATION NUMBER: 17044 & 12217

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:



4 DEPTH OF COMPLETED WELL 653 ELEVATION: 0
DEPTH(S) GROUNDWATER ENCOUNTERED 1. 0 FT. 2. 0 FT. 3. 0 FT.
WELL'S STATIC WATER LEVEL 295 FT. BELOW LAND SURFACE MEASURED ON MO/DAY/YR 11/27/02
PUMP TESTDATA: WELL WATER WAS 329 FT. AFTER 4 HOURS PUMPING 1500 GPM
ESTIMATED YIELD 0 GPM; WELL WATER WAS 0 FT. AFTER 0 HOURS PUMPING 0 GPM
BORE HOLE DIAMETER 24 IN. TO 653 FT., AND IN. TO 0 FT.
WELL WATER TO BE USED AS: 02 IRRIGATION
WAS A CHEMICAL/BACTERIOLOGICAL SAMPLE SUBMITTED TO DEPARTMENT? No ;
If YES, MO/DAY/YR SAMPLE WAS SUBMITTED WATER WELL DISINFECTED? Yes

5 TYPE OF BLANK CASING USED: 01 STEEL CASING JOINTS: WELDED
BLANK CASING DIAMETER 16 IN. TO 649 FT., DIA IN. TO 0 FT., DIA IN. TO 0 FT.
CASING HEIGHT ABOVE LAND SURFACE 12 IN., WEIGHT 42 LBS/FT. WALL THICKNESS OR GAUGE No. .250
TYPE OF SCREEN OR PERFORATION MATERIAL: 01 STEEL
SCREEN OR PERFORATION OPENINGS ARE: 01 CONT. SLOT

SCREEN PERFORATED INTERVALS: FROM 353 FT. TO 493 FT., FROM 579 FT. TO 629 FT.
GRAVEL PACK INTERVALS: FROM 549 FT. TO 569 FT., FROM 0 FT. TO 0 FT.
FROM 20 FT. TO 649 FT., FROM 0 FT. TO 0 FT.
FROM 0 FT. TO 0 FT., FROM 0 FT. TO 0 FT.

6 GROUT MATERIAL 03 BENTONITE
GROUT INTERVALS: FROM 0 FT. TO 20 FT., FROM 0 FT. TO 0 FT., FROM 0 FT. TO 0 FT.
WHAT IS THE NEAREST SOURCE OF POSSIBLE CONTAMINATION: 14 ABAND. WELL
DIRECTION FROM WELL? NORTHWEST HOW MANY FEET? 293

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	1	02 SILT			
1	32	04 SANDY CLAY 31 CALICHE			
32	63	07 FINE SAND 01 CLAY			
63	92	05 SAND 01 CLAY			
92	125	04 SANDY CLAY 05 SAND			
125	143	05 SAND 13 FINE GRAVEL			
143	163	05 SAND 13 FINE GRAVEL 14 MED GRAVEL			
163	178	05 SAND 11 GRAVEL			
178	186	04 SANDY CLAY 05 SAND			
186	235	05 SAND 13 FINE GRAVEL 01 CLAY			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: THIS WATER WELL WAS CONSTRUCTED UNDER MY JURISDICTION AND WAS COMPLETED ON (MO/DAY/YEAR) 11/23/02 AND THIS RECORD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF, KANSAS
WATER WELL CONTRACTOR'S LICENSE No. 145 THIS WATER WELL RECORD WAS COMPLETED ON (MO/DAY/YR) 12/31/02
UNDER THE BUSINESS NAME OF HENKLE DRILLING & SUPPLY BY (SIGNATURE)

(CONTINUED)

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CITY, STATE, ZIP CODE : COPELAND, KS 67837-7035	APPLICATION NUMBER: 17044 & 12217

FROM	TO	LITHOLOGIC LOG
235	255	04 SANDY CLAY 01 CLAY
255	283	05 SAND 13 FINE GRAVEL 01 CLAY
283	329	05 SAND 11 GRAVEL 01 CLAY
329	347	01 CLAY
347	384	05 SAND 11 GRAVEL 01 CLAY
384	419	05 SAND 11 GRAVEL 01 CLAY
419	444	04 SANDY CLAY 05 SAND 13 FINE GRAVEL
444	487	05 SAND 13 FINE GRAVEL 01 CLAY
487	519	04 SANDY CLAY 05 SAND
519	542	04 SANDY CLAY 01 CLAY 05 SAND
542	564	05 SAND 01 CLAY
564	575	04 SANDY CLAY 05 SAND
575	633	05 SAND 11 GRAVEL 28 ROCK
633	660	19 SHALE

CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: THIS WATER WELL WAS CONSTRUCTED UNDER MY JURISDICTION AND WAS COMPLETED ON (MO/DAY/YEAR) 11/23/02 AND THIS RECORD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF, KANSAS WATER WELL CONTRACTOR'S LICENSE No. 145 THIS WATER WELL RECORD WAS COMPLETED ON (MO/DAY/YR) 12/31/02 UNDER THE BUSINESS NAME OF HENKLE DRILLING & SUPPLY BY (SIGNATURE)

Bruce J. Reichmuth

620-668-5588
DRILLERS TEST LOG

CUSTOMERS NAME Lawrence Withers DATE 11-04-02
 STREET ADDRESS 2298 90th Rd TEST # 1 E. LOG
 CITY & STATE Poplar, KS 67837 DRILLER Juan Munoz
 COUNTY Haskell QUARTER SW SECTION 3 TOWNSHIP 28 RANGE 31

LOCATION GPS - 37° 38' 09N, 100° 41' 58W / From old well 290' E. & 40' S.

Well Location

%	FOOTAGE		DESCRIPTION OF STRATA	Static Water Level <u>300'</u>
	From	To		Proposed Well Depth <u>638' 653</u>
	0	1	Surface	
	1	32	Brown sandy clay, few caliche	
	32	63	Sand fine to small, few clay streaks	
	63	92	Sand fine to med coarse (loose in places), some clay streaks	
	92	125	Brown sandy clay, few sand streaks	
	125	143	Sand fine to med coarse few small gravels (loose)	
	143	163	Sand fine to med coarse, few small to med gravels (loose)	
	163	178	Sand fine to med coarse, few small to large gravels (loose)	
	178	186	Brown sandy clay, few sand streaks	
	186	225	Sand fine to med coarse, few small gravels, some clay streaks (loose in places)	
	225	255	Brown sandy clay, few blue clays	
	255	283	Sand fine to med coarse few small gravels, few clay streaks	
40%	283	329	Sand fine to med coarse, few small to med gravels, few clay streaks (loose)	
	329	347	Blue clay, few brown clays	
1295	35%	347	37	384 Sand fine to med coarse, few small to med gravels, few clay streaks, few cemented (sand looks blue)
1325	35%	384	35	419 Sand fine to med coarse, few small to med gravels, few clay streaks, very few cemented
250	10%	419	25	444 Brown-white sandy clays, some sand w/ small gravels (oxidized)
645	15%	444	43	487 Sand fine to med coarse, few small gravels, some clay (mixed) (tight in places)
		487		519 Brown-white sandy clay, few blue, few sand streaks, (sticky in places)
		519		542 Brown-white sandy clay, few red-brown clays, few sand streaks
220	10%	542	27	564 Sand fine to med coarse, some clay streaks (oxidized)
		564		575 Brown sandy clay, few sand streaks
579	40%	575	58	638 Sand fine to med coarse, few small to med gravels, few brown rock, few clays
629		(633)		660 Black Shale (sluffing sands & gravels)
5955				

Be down to 633

NOTE: Private gas line & 14" PVC line

North of test hole. 2" BK poly pipe
 gas line south of test hole on
 mile road.

- Test Rig
- Set up East
- Pits South
- 2 - Quikgel
- 8 - Aquaguard
- 7 - Holepug
- 1 - Perma Plug
- 1 - Set of 4 3/4 Dry Blades

377-778

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