

USE TYPEWRITER OR BALL POINT PEN-PRESS FIRMLY, PRINT CLEARLY.

WATER WELL RECORD
KSA 82a-1201-1215

Kansas Department of Health and Environment-Division of Environment
(Water well Contractors)
Topeka, Kansas 66620

1. Location of well:	County Lane	Fraction NE 1/4 NE 1/4 SW 1/4	Section number 22	Township number T 18 S R 28	Range number 28 E/W
2. Distance and direction from nearest town or city: 3 E & 1/2 S of Dighton Street address of well location if in city:			3. Owner of well: Mumma Feed Yard R.R. or street: Dighton, KS 67839 City, state, zip code:		
4. Locate with "X" in section below: N W E S 1 Mile			Sketch map: 		
5. Type and color of material See attachment			6. Bore hole dia. 15 in. Completion date 3-28-77 Well depth 925 ft.		
			7. <input type="checkbox"/> Cable tool <input type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug <input type="checkbox"/> Hollow rod <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input checked="" type="checkbox"/> Reverse rotary		
			8. Use: <input type="checkbox"/> Domestic <input type="checkbox"/> Public supply <input type="checkbox"/> Industry <input type="checkbox"/> Irrigation <input type="checkbox"/> Air conditioning <input checked="" type="checkbox"/> Stock <input type="checkbox"/> Lawn <input type="checkbox"/> Oil field water <input type="checkbox"/> Other		
			9. Casing: Material Steel Height Above or below Threaded <input type="checkbox"/> Welded <input checked="" type="checkbox"/> Surface 12 in. RMP <input type="checkbox"/> PVC <input type="checkbox"/> Weight 11.35 lbs./ft. Dia. 8 in. to 925 ft. depth Wall Thickness: inches or Dia. <input type="checkbox"/> in. to <input type="checkbox"/> ft. depth gage No. 250		
			10. Screen: Manufacturer's name Johnson Type Continuous Dia. 8" Slot/gauze .060 Length 150' Set between 925 ft. and 775 ft. ft. and <input type="checkbox"/> ft. Gravel pack? Yes Size range of material 8-12		
			11. Static water level: <input type="checkbox"/> mo./day/yr. 100 ft. below land surface Date 4-6-77		
			12. Pumping level below land surfaces: Not pumped <input type="checkbox"/> ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m. <input type="checkbox"/> ft. after <input type="checkbox"/> hrs. pumping <input type="checkbox"/> g.p.m. Estimated maximum yield <input type="checkbox"/> g.p.m.		
			13. Water sample submitted: <input type="checkbox"/> mo./day/yr. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Date		
			14. Well head completion: <input checked="" type="checkbox"/> Pitless adapter <input type="checkbox"/> Inches above grade		
			15. Well grouted? Yes With: <input type="checkbox"/> Neat cement <input checked="" type="checkbox"/> Bentonite <input type="checkbox"/> Concrete Depth: From 0 ft. to 10 ft.		
			16. Nearest source of possible contamination: Cattle ft. 100 Direction N Type Yard Well disinfected upon completion? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
			17. Pump: <input type="checkbox"/> Not installed Manufacturer's name Red Jacket Model number 10LB HP 10 Volts 230 Length of drop pipe 693 ft. capacity 40 g.p.m. Type: <input checked="" type="checkbox"/> Submersible <input type="checkbox"/> Turbine <input type="checkbox"/> Jet <input type="checkbox"/> Reciprocating <input type="checkbox"/> Centrifugal <input type="checkbox"/> Other		
			(Use a second sheet if needed)		
18. Elevation: Flat Topography: <input type="checkbox"/> Hill <input type="checkbox"/> Slope <input type="checkbox"/> Upland <input type="checkbox"/> Valley		19. Remarks:			
		20. Water well contractor's certification: This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. Henkle Drlg. & Supply 145 Business name License No. Address Box 639 Garden City, KS Signed E.L. Rothwell Date 4-21-77 Authorized representative			

Forward the white, blue and pink copies to the Department of Health and Environment

Form WWC-5

DRILLERS TEST LOG

CUSTOMERS NAME Mumma Feed Yard DATE 1-19-77
 STREET ADDRESS _____ TEST # 1 E. LOG
 CITY & STATE Dighton, KS DRILLER Geist
 COUNTY Lane QUARTER SW SECTION 22 TOWNSHIP 18 RANGE 28
 LOCATION 8' SE of Well #5 or 50' W of big storage tank

WELL LOCATION

%	FOOTAGE		DESCRIPTION OF STRATA	Static Water Level
	From	Pay To		Proposed Well Depth
	0	1	Top soil (hard) 2 sacks of Quick Gel	
	1	18	Brown sandy clay, few sticky clay st.	
	18	30	Gray clay, sticky, few ledges	
	30	48	Fine sand, loose, few sea shells, few clay st., big white rock, used water	
	48	58	Black shale, used pull down	
	58	64	Blue shale, sticky, few ledges	
	64	80	Black shale, drilled hard, used pull down, weathered shale	
	80	91	Blue shale, lime rock ledges, used pull down, weathered shale	
	91	100	Weathered shale, used pull down, few hard ledges	
	100	118	Gray shale and ledges, sticky in places	
	118	148	Weathered shale, drilled firm to hard, used pull down	
	148	163	Weathered shale and blue shale mixed, few Dakota st., soapstone st.	
	163	210	Soapstone, few shale st., few Dakota st., drilled loose, few ledges, drilled firm from 188' to 210', used pull down	
Fair	210	22	232	Soapstone and Dakota, drilled loose, few ledges, few firm ledges
	232		238	Soapstone and few shale st.
Fair	238	8	246	Soapstone and Dakota, drilled loose, couldn't catch sample, real fine
	246		425	Weathered shale and few soapstone st., drilled firm and sticky, few ledges, got harder below 270' to 300'. 300' to 370' sticky, few ledges, 370' started drilling firmer and harder, more ledges, not as sticky.
	425		488	Weathered shale and few Dakota st., drilled tight, few hard spots, had to use pull down from 450' down, not too hard. Hard ledges start at 488'.
	488		575	Weathered shale and lime rock ledges, drilled hard and ragged. Real hard ledges from 517'-545'
	575		633	Weathered shale, drilled firm and few sticky st., few hard ledges, a lot of ledges between 605'-623'
	633		636	Lime rock, real hard

(continued on next page)

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LOCATION 8' SE of Well #5 or 50' W of big storage tank

(Continued)

WELL LOCATION

Static Water Level _____

Proposed Well Depth _____

%	FOOTAGE		DESCRIPTION OF STRATA
	From	Pay To	
	636	664	Weathered shale, firm and sticky, hard ledges at 645', 647' and 657'
	664	678	Weathered shale and Dakota st., drilled firm, used pull down a little, hard ledge at 672' and 677', few soapstone st.
	678	710	Soapstone and weathered shale st., hard ledge at 695', firm and sticky
	710	711	Lime rock, red, hard
	711	744	Soapstone and Dakota st., drilled hard in places, used pull down
	744	746	Real hard, come out of hole, change bits to 4½". Lime rock.
-21-77	746	783	Soapstone, drilled firm, but sticky, few hard ledges, few shale st., hard at 764'
Fair	783	27 810	Dakota sandstone and soapstone st., drilled tight, used pull down, real fine, couldn't catch sample
	810	835	Soapstone and few Dakota st., mostly soft and sticky. Ledge at 835'.
	835	868	Red shale, soapstone, sticky, drilled soft, few Cheyenne Dakota st. (real fine)
Fair	868	50 918	Weathered shale and Dakota st., drilled firm, used pull down, few soapstone st.
	918	940	Weathered shale, real hard ledge at 922', several real hard ledges, 935' real hard
	107		TOTAL DEPTH OF WELL 925 FT.
			Set up east; pit on south

GARDEN CITY, KS
 Phone 276-3278

HENKLE DRILLING & SUPPLY CO., INC.
 IRRIGATION HEADQUARTERS

SUBLETTA, KS
 Phone 675-4311

TEST HOLES * * * * * IRRIGATION & INDUSTRIAL WELLS * * * * * STOCK WELLS