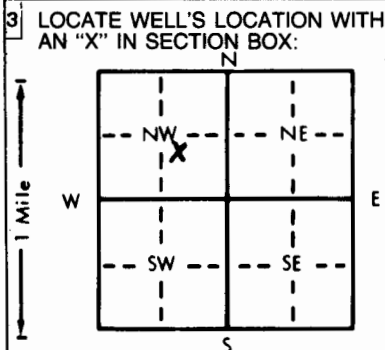


1 LOCATION OF WATER WELL: County: Haskell Fraction: NW 1/4 SE 1/4 NW 1/4 Section Number: 9 Township Number: T 27 S Range Number: R 33 E

Distance and direction from nearest town or city street address of well if located within city?
Approx. 5 miles West and 15 3/4 miles North of Sublette, KS

2 WATER WELL OWNER: Master Land Co
 RR#, St. Address, Box #: Box 1054 Circle D-5 Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: Garden City, KS 67846 Application Number: 34,824



4 DEPTH OF COMPLETED WELL: 386 ft. ELEVATION: _____
 Depth(s) Groundwater Encountered 1. _____ ft. 2. _____ ft. 3. _____ ft.
 WELL'S STATIC WATER LEVEL: 143 ft. below land surface measured on mo/day/yr May 12, 1981
 Pump test data: Well water was 205 ft. after 4 hours pumping 1678 gpm
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 Bore Hole Diameter: 26 in. to _____ ft., and _____ in. to _____ ft.
 WELL WATER TO BE USED AS:
 5 Public water supply 8 Air conditioning 11 Injection well
 1 Domestic 3 Feedlot 6 Oil field water supply 9 Dewatering 12 Other (Specify below)
 2 Irrigation 4 Industrial 7 Lawn and garden only 10 Observation well
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No X; If yes, mo/day/yr sample was submitted _____
 Water Well Disinfected? Yes _____ No X

5 TYPE OF BLANK CASING USED:
 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded X
 7 Fiberglass _____ Threaded _____
 Blank casing diameter: 16 in. to 386 ft., Dia. _____ in. to _____ ft., Dia. _____ in. to _____ ft.
 Casing height above land surface: 16 in., weight 36.91 lbs./ft. Wall thickness or gauge No. 219
 TYPE OF SCREEN OR PERFORATION MATERIAL:
 1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 10 Asbestos-cement
 2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 11 Other (specify) _____
 12 None used (open hole)
 SCREEN OR PERFORATION OPENINGS ARE:
 1 Continuous slot 3 Mill slot 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
 2 Louvered shutter 4 Key punched 6 Wire wrapped 9 Drilled holes
 7 Torch cut 10 Other (specify) _____
 SCREEN-PERFORATED INTERVALS: From 246-346 ft. to 356-386 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From 10 ft. to 386 ft., From _____ ft. to _____ ft.
 From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other _____
 Grout Intervals: From 0 ft. to 10 ft., From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 What is the nearest source of possible contamination: None Observed
 1 Septic tank 4 Lateral lines 7 Pit privy 10 Livestock pens 14 Abandoned water well
 2 Sewer lines 5 Cess pool 8 Sewage lagoon 11 Fuel storage 15 Oil well/Gas well
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 12 Fertilizer storage 16 Other (specify below)
 13 Insecticide storage _____
 Direction from well? _____ How many feet? _____

FROM	TO	LITHOLOGIC LOG	FROM	TO	LITHOLOGIC LOG
		SEE ATTACHED LOG			

7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was (1) constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) May, 11 1981 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) May 13, 1981 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce J. Reichmuth
 INSTRUCTIONS: Use typewriter or ball point pen, PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answers. Send top three copies to Kansas Department of Health and Environment, Division of Environment, Environmental Geology Section, Topeka, KS 66620. Send one to WATER WELL OWNER and retain one for your records.

DRILLERS TEST LOG

CUSTOMERS NAME Master Land Co. **DATE** 4-3-81
STREET ADDRESS Box 1054 **TEST #** 1 **E. LOG** Yes
CITY & STATE Garden City, Kansas **DRILLER** Mai
COUNTY Haskell **QUARTER** NW **SECTION** 9 **TOWNSHIP** 27 **RANGE** 33
LOCATION 30' NORTH of pivot **WELL LOCATION** CIRCLE #5

%	FOOTAGE		DESCRIPTION OF STRATA	Static Water Level
	From	Pay To		Proposed Well Depth
	0	2	Sandy Top Soil	<u>500'</u>
	2	43	Brown & brown sandy clay, few fine sand stks.	
	43	60	Sand, fine to med.	
	60	84	Sand fine to med. coarse, small to large gravel	
	84	99	Sand, fine to med. coarse, small to large gravel & cobblestone Drills rough uses water.	
55	99	20	160 Sand, fine to med. coarse, small to med. few clay stks.	
	160	174	Brown sandy clay	
60	174	4	178 Sand, fine to med. coarse, small to med. gravel, rough	
	178	192	Brown sandy clay, few limerock ledges	
	192	205	Gray clay few sand stks.	
	205	224	Blue clay, murky in places, few blue sand	
	224	239	Brown sandy clay sand stks.	
70	239	14	253 Sand, fine to med. coarse, small to large gravel	
60	253	16	269 Sand, fine to med. coarse, small gravel	
40	269	6	275 Sand, fine	
50	275	19	294 Sand, fine to med., few coarse, few sandy clay stks.	
80	294	12	306 Sand, fine to med. coarse small to large gravel	
	306	310	Cemented sand & gray clay	
65	310	36	346 Sand fine to med. coarse, small to med. gravel, very few clay stks.	
	346	356	Brown sandy clay	
60	356	27	383 Sand, fine to med. coarse, few med. small gravel	
	383	387	Brown & gray clay	
30	387	8	395 Sand, fine to med. sandy clay stks. & limerock ledges.	
	395	410	Brown sandy clay, hard clay stks, few fine sand stks.	
	410	451	Brown clay, limerock ledges & few sand stks.	
65	451	42	493 Sand, fine to med. coarse, brown & tan rock.	
50	493	6	499 Soapstone & rock ledge, drills rough	
	499	504	Soapstone & shale stks.	
20	504	6	510 Brown sandstone	
	510	558	Gray soapstone few sandstone stks.	
20	558	12	570 Gray sandstone	
	570	590	Soapstone & shale stks.	
		210	18 well depth 500'	
			5 Sacks quik gel	
			Set up West	
			Pits North	

GARDEN CITY, KS **HENKLE DRILLING & SUPPLY CO., INC.** **SUBLETTE, KS**
Phone 276-3278 **IRRIGATION HEADQUARTERS** **Phone 675-4311**
TEST HOLES * * * * * IRRIGATION & INDUSTRIAL WELLS * * * * * STOCK WELLS