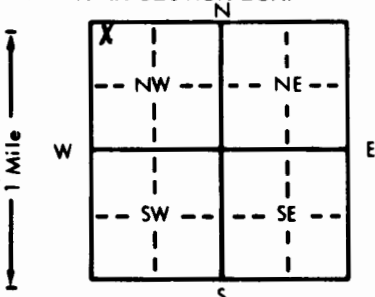


1 LOCATION OF WATER WELL:	Fraction	Section Number	Township Number	Range Number
County: Haskell	NW ¼ NW ¼ NW ¼	20	T 29 S	R 32 E ^W

Distance and direction from nearest town or city street address of well if located within city?
From Sublette 2 miles north

2] WATER WELL OWNER:	John Kelman	
RR#, St. Address, Box # :	RFD 1	Board of Agriculture, Division of Water Resources
City, State, ZIP Code :	Sublette, KS 67877	Application Number: 31-198-20-337

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 4 DEPTH OF COMPLETED WELL 713 ft. ELEVATION: 20,338



4 DEPTH OF COMPLETED WELL.....713..... ft. ELEVATION:20,338.....

Depth(s) Groundwater Encountered 1. 285..... ft. 2. ft. 3. ft.

WELL'S STATIC WATER LEVEL ... 285..... ft. below land surface measured on mo/day/yr ..1-18-85.....

Pump test data: Well water was .. 335..... ft. after ...1..... hours pumping ... 895..... gpm

Est. Yield 1350.. gpm: Well water was .. 371..... ft. after ...2..... hours pumping ... 1344..... gpm

Bore Hole Diameter... 24..... in. to 713..... 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	Y
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5 TYPE OF BLANK CASING USED:		5 Wrought iron	8 Concrete tile	CASING JOINTS: Glued Clamped
1 Steel	3 RMP (SR)	6 Asbestos-Cement	9 Other (specify below)	Welded . <u>X</u>
2 PVC	4 ABS	7 Fiberglass		Threaded

Blank casing diameter . . . 16 . . . in. to . . . 7.13 . . . ft., Dia . . . in. to . . . ft., Dia . . . in. to . . . ft.
Casing height above land surface . . . 12 . . . in., weight . . . 39 . . . lbs./ft. Wall thickness or gauge No. . . 231" w.

TYPE OF SCREEN OR PERFORATION MATERIAL:			7 PVC	10 Asbestos-cement
1 Steel	3 Stainless steel	5 Fiberglass	8 RMP (SR)	11 Other (specify)
<u>2 Brass</u>	4 Galvanized steel	6 Concrete tile	9 ABS	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 340-440	ft. to 444-514	ft., From 570-710	ft. to	ft.
	From	ft. to	ft., From	ft. to	ft.
GRAVEL PACK INTERVALS:	From 10	ft. to 713	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:			10 Livestock pens	14 Abandoned water well
1 Septic tank	4 Lateral lines	7 Pit privy	11 Fuel storage	15 Oil well/Gas well
2 Sewer lines	5 Cess pool	8 Sewage lagoon	12 Fertilizer storage	16 Other (specify below)
3 Watertight sewer lines	6 Seepage pit	9 Feedyard	13 Insecticide storage	none observed

Direction from well? _____ How many feet? _____

[illegible]

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) January 21, 1985 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) January 24, 1985 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				John Kelman				DATE				11-7-84																											
STREET ADDRESS								TEST #								2				E. LOG				yes															
CITY & STATE								Sublette, KS								67877								DRILLER								Livingston							
COUNTY				Haskell				QUARTER				NW				SECTION				20				TOWNSHIP				29				RANGE				32			

LOCATION

Well Location

8	Footage		To	DESCRIPTION OF STRATA	Static Water Level
	From	Pay			Proposed Well Depth
	0		3	Top soil	
	3		64	Brown sandy clay and caliche and a few sand streaks	
	64		85	Sand fine to medium, coarse, small to large gravel brown clay	
	85		97	Brown clay	
75	97	51	351	Sand fine to medium, coarse, small to large gravel cemented sand	
				220-226 very few caly streaks	
	351		359	Brown clay	
55	359	11	370	Sand fine to medium, coarse, small gravel and few clay streaks	
	370		375	Brown clay	
	375		380	Brown clay and limerock some sand streaks	
70	380	11	391	Sand fine to medium, coarse, small to medium gravel	
	391		398	Brown sandy clay and limerock	
65	398	23	422	Sand fine to medium, coarse, small gravel	
	422		428	Brown sandy clay and limerock	
55	428	7	435	Sand fine to medium, coarse, small gravel	
	435		450	Limerock brown sandy clay	
20	450	34	484	Sand fine limerock and brown sandy clay	
	484		500	Brown clay limerock and sand streaks	
15	500	7	507	Sand fine few clay streaks, used lots of water	
	507		510	Brown clay	
50	510	4	514	Sand fine to medium, coarse, small to medium, brown gravel and	
				few brown clay streaks	
	514		520	Soapstone red, yellow and brown. and sand stone streaks	
	520		537	Brown clay sticky	
	537		572	Wheathered shale	
15	572	18	590	Shale and dakota used water	
	590		640	Shale and dakota streaks	
25	640	20	660	Dakota shale and soapstone streaks, drills loose in places,	
				Mised half bag of bran took lots of water	
	660		668	Shale and soapstone and dakota streaks	
30	668	42	710	Dakota and few soapstone streaks	
	710		716	Limestone hard	
	716		720	Red Bed	
		228			
					Total Depth 713
					Set up east
					Pit on south
				10-sacks gel	
				1-sack bran	
				5lbs. lime	
				1 set bits	

GARDEN CITY, KS
Phone 277-2389

HENKLE DRILLING & SUPPLY CO., INC
IRRIGATION HEADQUARTERS

SUBLETTE, KS
Phone 675-0221.