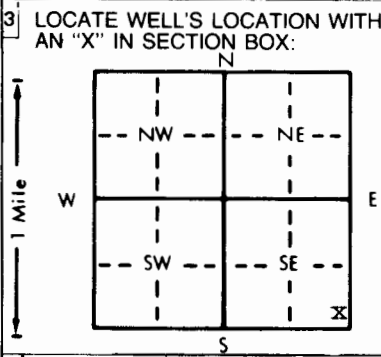


1 LOCATION OF WATER WELL: County: Stevens Fraction SE 1/4 SE 1/4 SE 1/4 Section Number 7 Township Number T 31 S Range Number R 37 E/W

Distance and direction from nearest town or city street address of well if located within city?
Approx. 12 miles north and 1 mile west of Hugoton

2 WATER WELL OWNER: Rome Brothers
RR#, St. Address, Box # HC-01
City, State, ZIP Code Hugoton, KS 67951
Board of Agriculture, Division of Water Resources
Application Number:



4 DEPTH OF COMPLETED WELL: 400 ft. ELEVATION:
Depth(s) Groundwater Encountered 1. ... ft. 2. ... ft. 3. ... ft.
WELL'S STATIC WATER LEVEL: 240 ft. below land surface measured on mo/day/yr 11/15/90
Pump test data: Well water was ... ft. after ... hours pumping ... gpm
Est. Yield ... gpm: Well water was ... ft. after ... hours pumping ... gpm
Bore Hole Diameter: 9 7/8 in. to 400 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 Monitoring well
Was a chemical/bacteriological sample submitted to Department? Yes ... No ... X ... If yes, mo/day/yr sample was submitted
Water Well Disinfected? Yes X No

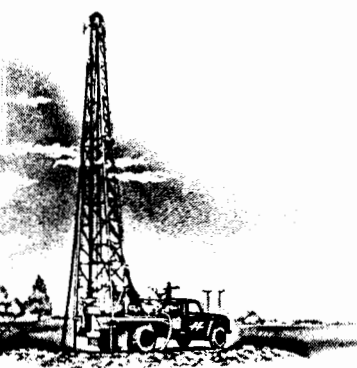
5 TYPE OF BLANK CASING USED: 1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued X Clamped
2 PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded
7 Fiberglass Threaded
Blank casing diameter 5 in. to 400 ft., Dia ... in. to ... ft., Dia ... in. to ... ft.
Casing height above land surface 12 in., weight 2.9 lbs./ft. Wall thickness or gauge No. 265
TYPE OF SCREEN OR PERFORATION MATERIAL: 7 PVC 10 Asbestos-cement
1 Steel 3 Stainless steel 5 Fiberglass 8 RMP (SR) 11 Other (specify)
2 Brass 4 Galvanized steel 6 Concrete tile 9 ABS 12 None used (open hole)
SCREEN OR PERFORATION OPENINGS ARE: 5 Gauzed wrapped 8 Saw cut 11 None (open hole)
1 Continuous slot 3 Mill slot 6 Wire wrapped 9 Drilled holes
2 Louvered shutter 4 Key punched 7 Torch cut 10 Other (specify)
SCREEN-PERFORATED INTERVALS: From 300 ft. to 360 ft., From 380 ft. to 400 ft.
GRAVEL PACK INTERVALS: From 26 ft. to 400 ft., From ... ft. to ... ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout 3 Bentonite 4 Other
Grout Intervals: From 6 ft. to 26 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
Direction from well? East How many feet? 20

Table with columns: FROM, TO, LITHOLOGIC LOG, FROM, TO, PLUGGING INTERVALS. Content: 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) 11/15/90 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) 11/17/90 under the business name of Henkle Drilling & Supply Co., Inc. by (signature) Bruce Reichmuth

INSTRUCTIONS: Use typewriter or ball point pen. PLEASE PRESS FIRMLY and PRINT clearly. Please fill in blanks, underline or circle the correct answer. Send top three copies to Kansas Department of Health and Environment, Bureau of Water, Topeka, Kansas 66620-7320. Telephone: 913-296-5545. Send one to WATER WELL OWNER and retain one for your records.



Henkle

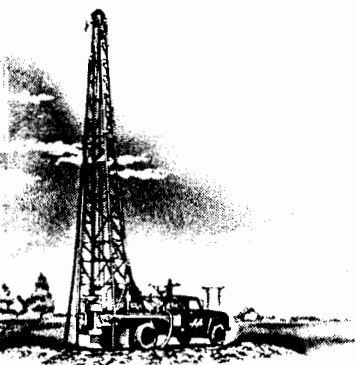
DRILLING & SUPPLY CO., INC.

3795 W. JONES AVE.
316/277-2389
FAX/277-0224

P.O. Box 639
GARDEN CITY, KANSAS 67846

CUSTOMER'S NAME Rome Brothers DATE 11/12/90
 STREET ADDRESS HC-01 TEST # 1 E. LOG No
 CITY & STATE Hugoton, KS 67951 DRILLER Wildeman
 COUNTY Stevens QUARTER SE SECTION 7 TOWNSHIP 31 RANGE 37
 LOCATION Approx. 20' west of old well.

%	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL: <u>240'</u>	
	From	Pay	To		Proposed Well Depth:	<u>400'</u>
	0		2	Top soil.		
	2		22	Brown sandy clay and fine sand.		
	22		28	Brown clay		
	28		36	Brown clay and very fine sand		
	36		45	Sand fine to medium		
	45		75	Brown clay		
	75		110	Brown sandy clay, limeorck and sand fine to small.		
	110		145	Sand fien to medium coarse cemented in places and few clay layers.		
	145		191	Sand fine to medium coarse and a few clay streaks.		
	191		198	Cemented sand (Hard).		
	198		200	Sand fien to medium coarse		
	200		235	Cemented sand and brown rock (Hard)		
60	235	10	245	Sand fien to medium coarse brwon rock		
25	245	12	257	Sand fine to small and sandy clay mixed.		
	257		260	Brown clay.		
	260		265	Brown clay and fine sand streaks		
25	265	10	275	Sand fine to small and a few clay layers.		
30	282	10	292	Sand fine to small and sandy clay		
	292		300	Brown clay		
65	300	27	327	Sand fine to medium coarse small gravel and brown rock.		
40	327	13	340	Sand fine to small.		
30	340	08	348	Sand fine to small and sandy clay		
65	348	18	366	Sand fine to medium coarse small gravel and brown rock.		
	366		370	Brown sandy clay		
40	370	05	375	Sand fine to small		
	375		378	Brown sandy clay		
30	378	10	388	Sand fine to small and sandy clay		
20	388	12	400	Very fine sand and sandy clay mixed		
	400		415	Brown clay and soapstone (Sticky).		
	415		450	Sand stone (lost circulation at 450').		
				7 - Bags of Quick Gel		



Henkle

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 LOCATION Approx. 20' west of old well.

%	FOOTAGE			DESCRIPTION OF STRATA	STATIC WATER LEVEL:
	From	Pay	To		Proposed Well Depth:
				5" PVC Perf Plain	
	400		380	20'	
	380		360	20'	
	360		300	60'	
	300		0	300'	
				80' = 5" Perf	
				320' = 5" Plain	
				7 - Bags of Quick Gel	
				3 - Bags of Hi-Teck	
				6 - Centralizers	
				2 - 5" Caps	
				11- Bags of hole plug	
				8 - Tons of #1 fine (Huber Sand).	
				Gravet from 400' to 26'	
				Hole Plug from 26 + 06'	