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

T	R	EW	sec	1/4	1/4	1/4	No.

WATER WELL RECORD
KSA 82a-1201-1215

Kansas State Dept. Of Health
(Water Well Contractors)
Forbes-Bldg. 740
Topeka, Kansas 66620

1 Location of well:	County	Township name	Fraction	Section number	Town number	Range number
	Morton	NW Tola	NW½ NE¼ NE¼	29	31S	42W

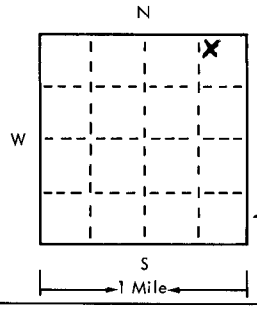
Distance and direction from nearest town or city: 7 Miles West - 4 Miles North Rolla, Ks.

Street address of well location if in city:

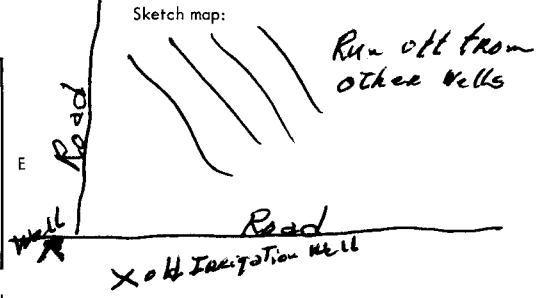
3 Owner of well: Jim Bitner

Address: Manter, Kansas 67862

Locate with "X" in section below:



Sketch map:



4 Well depth: 776 ft. Date of completion 5-15-75
Well diameter 26 in.. 24" - 15"

5 ☐ Cable tool ☒ Rotary ☐ Driven ☐ Dug
☐ Hollow rod ☐ Jetted ☐ Bored ☐ Reverse rotary

6 Use: ☐ Domestic ☐ Public supply ☐ Industry
☒ Irrigation ☐ Air conditioning ☐ Commercial
☐ Test well ☐

7 Casing: Material Steel Height: above/below
Threaded ☐ Welded ☒ Surface 20 in.
Diam. Weight 42 lbs./ft.
16 in. to 556 ft. depth Drive shoe? ☐ Yes ☒ No
12¾ in. to 668 ft. depth

2

Type and color of material	From	To
Top Soil - Brown Clay	0	5
Clay - Sandy Clay	5	90
Sand - Gravel + Boulders	90	130
Sand - Dakota White - Red Bed Streaks	130	460
Sand - Dakota - Red bed Streaks.	460	556
Sand - Crystal Clear - Very Soft with	556	776
Layers of Red Bed with cavities		
Anywhere from 5 To 10' drop		
(analysis attached)		
(use a second sheet if needed)		

8 Screen:
Manufacturer Armco Steel
Type Steel Dia. 16"
Slot gauze 3/16" Length 548
Set between 660 ft. and 566 ft. to 668
Fittings: 12¾" From 566' to 668' 3/16" Slot
Gravel pack ☒ Yes ☐ No Size range of material 1/4"

9 Static water level:
180 ft. below land surface Date 6-15-1975

10 Pumping level below land surfaces:
320 ft. after 8 hrs. pumping 1300 g.p.m.
____ ft. after ____ hrs. pumping ____ g.p.m.
Estimated maximum yield 1300 g.p.m.

11 Water sample submitted:
☒ Yes ☐ No Date 11-10-75

12 Well head completion:
☐ Pitless adapter ☒ Inches above grade

13 Well grouted? ☒ Yes ☐ No
☒ Neat cement ☒ Bentonite ☐ ____
Depth: From 0 ft. to 10 ft.

14 Nearest source of possible contamination:
ft. 120 Direction N-NW Type Run-off
Well disinfected upon completion? ☐ Yes ☒ No

15 Pump: ☒ Not installed by Drailing Inc.
Manufacturer's name National Pump Co
Model number 16X4 HP 200 Volts ____
Length of drop pipe 534 ft. capacity 1300 g.m.p.
Type:
☐ Submersible ☒ Turbine
☐ Jet ☐ Reciprocating
☐ Certrifugal ☐ Other

16 Remarks: elevation 3230

Topography:
☐ Hill
☐ Slope
☐ Upland
☐ Valley

Quite Level - Less than 2% Drop From Northwest to North
Well open Hole from 668' to 776'

17 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.

Drailing Inc. 210
Business name License No.
Address Box 457 Holly, Colo 81047
Signed [signature] Date 12-5-75
Authorized representative

Forward the white, blue and pink copies to the Kansas State Dept. Of Health.

Form WWC-5

ENVIRONMENTAL HEALTH LABORATORY

Results of Special Chemical Analyses

City Morton County Shipper Dwight Brinkley Acct. Oil Field Lab. No. 76-884

Date Received 11-12-75 Date Reported _____ Bottle No. _____

SOURCE AND REMARKS:

Jim Bitner - Irrigation well, location NW NE NE Sec 29, T31S, R42W, collected 11-7-75.

RESULTS EXPRESSED IN MILLIGRAMS PER L

Sp Cond			pH		Boron	
Total Solids			Turbidity		Copper	
T H ($CaCO_3$)	1240.	24.86	Diss Oxygen		Lead	
Calcium (Ca)	378.	18.86	5 day 20°C BOD		Zinc	
Magnesium (Mg)	73.	6.00	Chem Oxy Demand		Hex Chromium	
Sodium	156.	6.79	Phosphate (PO_4)		Cadmium	
Potassium			Ammonia (N)		Silver	
Alk ($CaCO_3$)	154.	3.08	Nitrite (N)		Mercury	
Chloride	21.	0.59	Total Org N		Arsenic	
Sulfate	1340.	27.87	Detergent (LAS)			
Nitrate (NO_3)	2.9	0.05	T Susp Solids			
Fluoride	1.6	0.08	F Susp Solids			
Total Iron	4.6		V Susp Solids			
Manganese	0.00		Silica (SiO_2)			