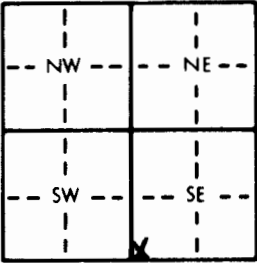


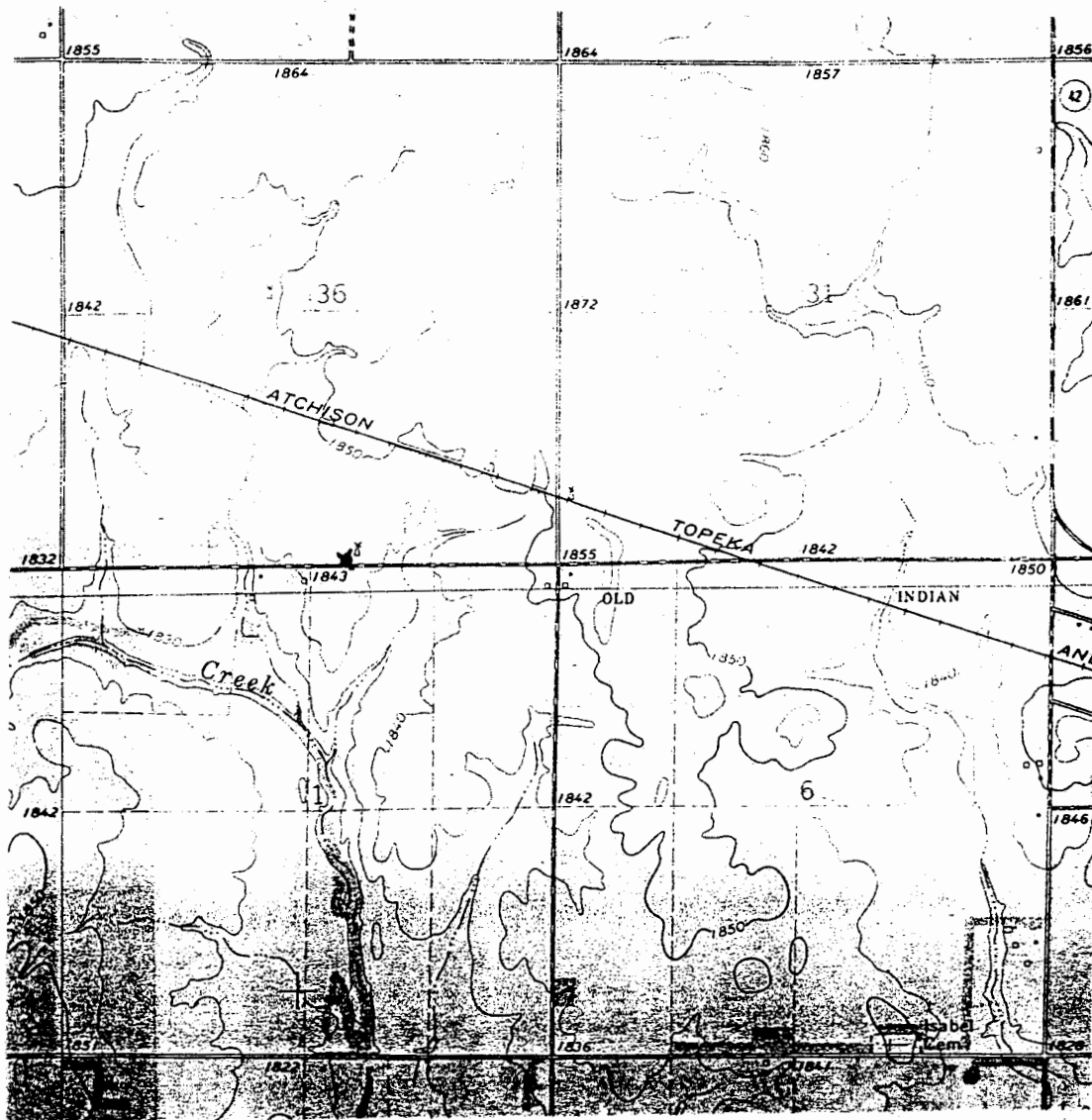
1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: Pratt		SW 1/4 SW 1/4 SE 1/4	36	T 29 S	R 12 EW
Distance and direction from nearest town or city street address of well if located within city? 1 1/2 mi W of Isabel					
2 WATER WELL OWNER: KGS/GWMD#5					
RR#, St. Address, Box # :			Board of Agriculture, Division of Water Resources		
City, State, ZIP Code :			Application Number:		
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: 167 ft. ELEVATION: 1843.2			
N 1 Mile W E S 		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft.			
		WELL'S STATIC WATER LEVEL 55.6 ft. below land surface measured on mo/day/yr 1/27/83			
		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 167 ft., and in. to ft.			
TYPE OF BLANK CASING USED:		CASING JOINTS: Glued Clamped			
1 Steel		5 Wrought iron	8 Concrete tile	Welded	
2 PVC		3 RMP (SR)	6 Asbestos-Cement	Threaded	
4 ABS		7 Fiberglass	9 Other (specify below)		
Blank casing diameter 5 in. to 162 ft., Dia in. to ft., Dia in. to ft.					
Casing height above land surface 16 in., weight lbs./ft. Wall thickness or gauge No. SRD-21					
TYPE OF SCREEN OR PERFORATION MATERIAL:		7 PVC			
1 Steel		3 Stainless steel	5 Fiberglass	8 RMP (SR)	
2 Brass		4 Galvanized steel	6 Concrete tile	9 ABS	
SCREEN OR PERFORATION OPENINGS ARE:		10 Asbestos-cement			
1 Continuous slot		3 Mill slot	5 Gauzed wrapped	8 Saw cut	
2 Louvered shutter		4 Key punched	6 Wire wrapped	11 None (open hole)	
SCREEN-PERFORATED INTERVALS:		9 Drilled holes			
From 162 ft. to 167 ft., From ft. to ft.		10 Other (specify)			
GRAVEL PACK INTERVALS:		11 None (open hole)			
From 157 ft. to 167 ft., From ft. to ft.					
From ft. to 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 75 ft. to 157 ft., From 0 ft. to 10 ft., From ft. to ft.					
What is the nearest source of possible contamination:					
1 Septic tank		4 Lateral lines	7 Pit privy	10 Livestock pens	
2 Sewer lines		5 Cess pool	8 Sewage lagoon	11 Fuel storage	
3 Watertight sewer lines		6 Seepage pit	9 Feedyard	12 Fertilizer storage	
				13 Insecticide storage	
				14 Abandoned water well	
				15 Oil well/Gas well	
				16 Other (specify below)	
Direction from well?		How many feet?			
FROM	TO	LITHOLOGIC LOG		FROM	TO
		See log from Site #48(1)			
		04			
		01			
		17			
		01			
		17			
		01			
		23			
		01			
		23			
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		01			
		19			
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) October 13, 1982 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's License No. This Water Well Record was completed on (mo/day/yr) 3/30/83 under the business name of by (signature) Patrick M Cobb					
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.					

LEGAL LOCATION: 36-29-12W
COUNTY : PRATT

[illegible]

SITE NUMBER : 48
SITE LOCATION : SW SW SE
LEGAL LOCATION: 36-29-12W
COUNTY : PRATT

LANDOWNER: CARL DUDREY
ADDRESS :
PHONE NO.:



WELL LOCATION X

May 18 Travel to Seaway
meeting the Port John & then on to
Drills, the Company of Seaway & Port
John used General Company and then
moved to Boys Superfund & Boys Quick
then to next Auger Site & Assisted with Drilling
To work 9:30.

USA descend

May 18 To Rye after starting John
with Auger Began Drilling changed
Seaway with Seaway and changed
to drag BT64. Drilled hole to 47'
and then to 100' - Then Drilled hole
on to 344' used 1st BT64
Then pulled steam for site Arrived
Met at 8:57 pm 12 day

24295 miles 17% 31 hrs

Owner -----

----- 1/4 ----- 1/4 ----- 1/4 sec. ----- T. ----- R. -----

County -----

Static Water Level -----

Topo. Sheet -----

Elev. ----- Depth ----- Yield -----

Location -----

1 1/2 miles west of Isabel

Formation Record

Ft. From To		Description	
K	0	2	Tan sandy clay A zone
	2	9	light tan clay / blocky with large deposits of caliche B zone
			sandy (< 1 mm)
	9	11	yellow clay - rough caliche, sandy (< 1 mm)
	11		sand (< 1 mm) clean dark tan dark tan
			trace caliche, zones 2.5 mm -> 1 mm
			gray sandy clay
			sand gray grayish tan clay lenses
1	17	17	(sand / gravel) 1.5 mm
			trace caliche
	17	19	same
	19	20	fine sand
2	20	32	same with tan clay caliche, fine sand (< 0.5 mm)
			infer cobbles about 32 ft.
3	32	49	sand .5 -> 1.5 mm QA very little clay - tan
4	47	62	sand .5 -> 2 mm some gravel 2.5 -> 5 mm
			Trace clay - white + tan
	62	68	same?
			some cobbles
	68	73	clay pottery dark tan
			6" sand + caliche 70
	73	76 1/2	sand 1-2 mm with clay + cobbles

Owner -----

----- 1/4 ----- 1/4 ----- 1/4 sec. ----- T. ----- R. -----

County ----- Date -----

Static Water Level -----

Topo. Sheet ----- Elev. -----

Depth ----- Yield -----

Location -----

Formation Record

Ft. From To		Description	
5	16 1/2	79 clay + Coliche	+ fine sand
79	92	clay - no coliche	tan
6	92	94 sand	94 H. lenses
7	94	109 (11) m. sand (4-2 m)	alternating with thin 1/4" lenses of tan clay
		109 121	109 100' 104
8	121	124 clay lot of sample must have been by the strike	
9	124	139 clay with volcanic ash	(tan) + Pink
	139	151 sand/gravel (1-4 m)	
0	151	154 fine sand + clay (?)	
14	154	169 sand/gravel cobbles	
	169	175 same	
	175	178 clay with calciche	(pink)
2	178	184 red bed	drills hard
3	184	199 "	
		1 cop 5' screen	187
		cased to 192 (?)	178 11 gpt
		top gro. @ 184	
		center 184 →	181
		28 sacks	

-----1/4 -----1/4 -----1/4 sec. ----- T. ----- R. -----

Static Water Level -----

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From	To	Description
well #	710 = 175	
	CID = 167	
	5' screen	
	1 cup	
	1 collar	
	Grand total 167-157	
	net 157-75	
	28 sacks	
	10 gals	
	backfilled	
	start 12 oct	
	Fin 13 oct	

Diagram labels and dimensions:

- North Arrow
- New Pit
- existing pit
- stack dirt
- 20
- 5' incl

Owner Site 47 1 1/4 1/4 1/4 sec. T. R.

County 1 Date 1 Static Water Level 1

Topo. Sheet 1 Elev. 1 Depth 1 Yield 1

Location 2001 N. S.F. Minnesota

2 west Caico

Formation Record

Ft.	From	To	Description
19	0	t	well #3
			drilled first for water supply
			TD = 64'
			CO = 56'
			5' screen
			5' blank
			8 gel
21	0	t	Hole #1
			0 - 1 brown top soil
1		5	sand/gravel 1/2 - 3 mm, pebbles up to 0.5 cm
5		13	dark silty clay, gray, sandy (1 mm) drill holes
13		22 1/2	clay dark gray some gray streaks dark brown
			very plastic - no sand appeared in large sample
			fine or no silt large but sample doesn't
			appears saturated with water
22 1/2		23 1/2	same clay, sandy (1-2 mm)
23 1/2		29	sand (1-2 mm) trace of gray clay
29		32	sand/gravel lost core
32		34	sand (1/2 - 2 mm)
34		38	sand/gravel cobbles/pebbles
38		40	sand (1-2 mm) and clay gray tan color change
40		10.1	cobbles zone

Owner -----

----- 1/4 ----- 1/4 ----- 1/4 sec. ----- T. ----- R. -----

County ----- Date -----

Topo. Sheet ----- Elev. -----

Location -----

Static Water Level -----

Depth ----- Yield -----

Formation Record

i.	From To		Description	
	40.1	44	sand (<.25 mm)	mostly tan, some tan clay
	44	45 1/2	sand (.25 - 1.0 mm)	
	45 1/2	46	clay	
	46	49	sand / gravel / cobbles	
	49	59	same	
	59	64	same (no sample)	
	64	67	sand < 1 mm QA	drilled
	67	72	clay, tanish gray	possible calc. stain
	72	74	sand 1/2 mm QA	1/2 - 2 mm
	74	75	sand 1/2 mm QA	
	75	79	sand and clay mix	QA 1/2 mm, light tan
	79	83	clay, gray	
	83	89	sand / gravel 1/2 - 3 mm	fast drilling
			cobbles @ 84 and on down	
	89	94	sand / gravel	QA 1/2 - 3 mm
	94	96	same	
	96	97	cobbles and gravel	
	97	101	pink clay w	caliche
	101	104	sand / gravel	1/2 - 3 mm
	104	108	same gravel at	107 1/2
	108	109	clay, pink to	red, caliche
	109	110	same	

Owner -----

----- 1/4 ----- 1/4 ----- 1/4 sec. ----- T. ----- R. -----

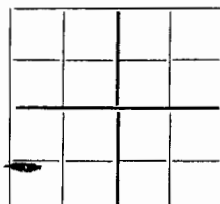
County ----- Date -----

Topo. Sheet ----- Elev. -----

Location -----

Static Water Level -----

Depth ----- Yield -----



Formation Record

Ft.	From	To	Description	
110	115		weathered red bed	siltstone - crumbly
115	134		unweathered red bed	crumbly
			evaporites / calcite?	cementation
			TD = 134	
			CD = 121	
			5' screen	
			gravel - 121 -> 113	
			cement 113 ->	
			sacks 14 + 14	
			hole #2	
			TD 127 97'	
			CD 94	
			Screen 5' mill slot	
			blank 89' - 5" SDR 21	
			200 PSI	
			gravel 94 - 84	
			grout neat cement	22 sacks
			84' - 22'	
			more	