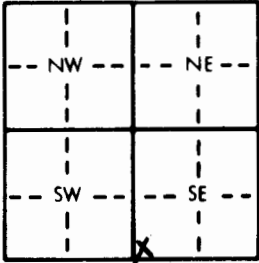


1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <u>Pratt</u>		<u>SW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>SE</u> $\frac{1}{4}$	<u>36</u>	<u>T</u> <u>29</u> <u>S</u>	<u>R</u> <u>12</u> <u>EW</u>
Distance and direction from nearest town or city street address of well if located within city? <u>1 1/2 mi W of Isabel</u>					
2 WATER WELL OWNER: <u>KGS/GWMD#5</u>					
RR#, St. Address, Box # : City, State, ZIP Code :					
Board of Agriculture, Division of Water Resources Application Number:					
3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX:		4 DEPTH OF COMPLETED WELL: <u>119</u> ft. ELEVATION: <u>1843.4</u>			
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL <u>55.8</u> ft. below land surface measured on mo/day/yr <u>1/27/83</u> 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 <u>9-7/8</u> in. to <u>119</u> 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 <u>10</u> Observation well Was a chemical/bacteriological sample submitted to Department? Yes <u>No</u> ; If yes, mo/day/yr sample was submitted Water Well Disinfected? Yes <u>No</u>			
5 TYPE OF BLANK CASING USED:					
1 Steel 3 RMP (SR) 5 Wrought iron 8 Concrete tile CASING JOINTS: <u>Glued</u> Clamped <u>2</u> PVC 4 ABS 6 Asbestos-Cement 9 Other (specify below) Welded 7 Fiberglass Threaded					
Blank casing diameter <u>5</u> in. to <u>114</u> ft., Dia. in. to ft., Dia. in. to ft. Casing height above land surface <u>16</u> in., weight lbs./ft. Wall thickness or gauge No. <u>SRD-21</u>					
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 <u>3</u> 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 <u>114</u> ft. to <u>119</u> ft., From ft. to ft. From ft. to ft., From ft. to ft.					
GRAVEL PACK INTERVALS: From <u>78</u> ft. to <u>119</u> ft., From ft. to ft. From ft. to ft., From ft. to ft.					
6 GROUT MATERIAL: <u>1</u> Neat cement 2 Cement grout 3 Bentonite 4 Other					
Grout Intervals: From <u>0</u> ft. to <u>10</u> ft., From ft. to 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 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 log from Site #48(1)			
		04			
		01			
		17			
		01			
		17			
		01			
		23			
		01			
		23			
		17			
		23			
		17			
		01			
		19			
7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was <u>(1)</u> constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) <u>October 14, 1982</u> 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) <u>3/30/83</u> by (signature) <u>Patrick M Cobb</u> under the business name of					
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.					

)

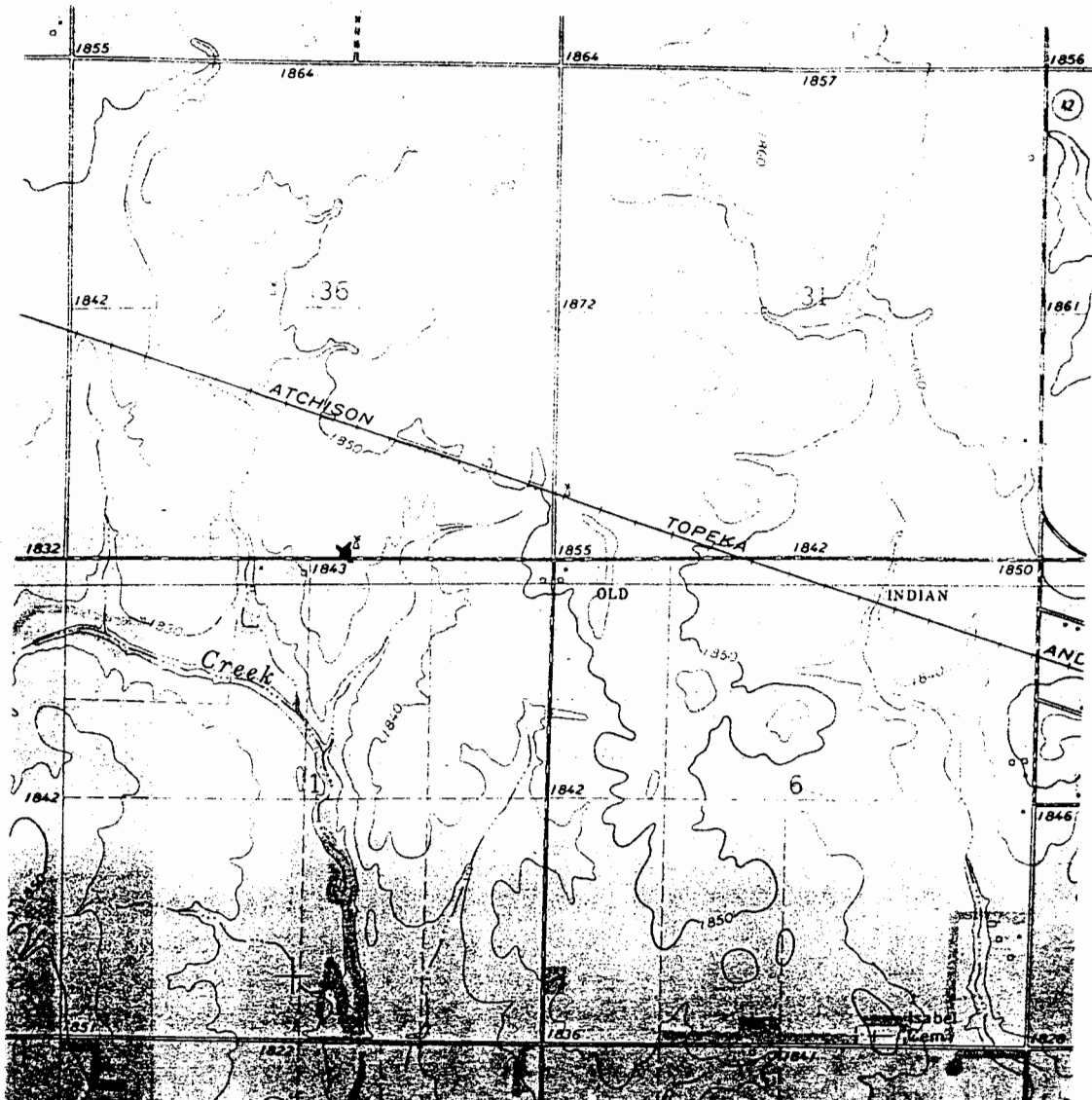
LEGAL LOCATION: 36-29-12W
COUNTY : PRATT

1

[illegible]

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

LANDOWNER: CARL DUDREY
ADDRESS :
PHONE NO.:



WELL LOCATION ✕

May 18 Travel to Seaway
met with Roy & John & then on to
Drills, they completed setup & pulled
the mud core (concrete type) and then
mixed 2 bags of cement & 4 bags of quick
lime to next Auger site & assisted with pulling
to water 9:30.

Used desander

May 19 To K. after starting John
with Auger began drilling changed
seals in with several one changed
to drag bit 64' - Drilled hole to 47'
and then to lunch - Then Drilled hole
on to 344' used 1st @ 600 ft
Then pulled stem for wire Arrived
Motel 8:57 pm 12th day

24295 miles 17 1/2 hrs

Owner -----

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

County -----

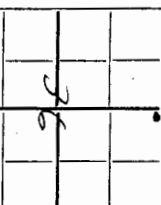
Static Water Level -----

Topo. Sheet -----

Depth -----

Elev. -----

Yield -----



Location Site #48

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 (1/2 mm).
	9	11	yellow clay - rough caliche, sandy (1/2 mm)
	11		sand (1/2 mm) clean dark tan
			trace caliche, zones 2.5 mm -> 1 mm
			gray sandy clay
			sand (1/2 mm) of
			grayish tan clay traces
1	17	17	(sand/gravel) 1/4 mm
			trace caliche
	17	19	trace caliche
	19	20	trace caliche
2	20	32	same with tan clay caliche, fine sand (1/2 mm)
			infer cobbles about 32 ft.
3	32	49	sand .5 -> 1.5 mm QA very little clay - tan
4	49	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 75
	73	76 1/2	sand 1-2 mm with clay + caliche

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	176	3	79	clay + Caliche + fine sand	
	79		92	clay - no caliche tan	1944-1945
	92		94	sand	99 H-10-92
7	94		109	11 ft. m. sand (1/2-3/4 in) alternating with thin layers of tan clay	
				cobbles 20-75 94' 100' 104'	
	109		121	fight between	
8	121		124	some hot soft sample must have been taken from clay with sand in it	
9	124		139	clay with volcanic ash (no sand) (tan) + Pink	
	139		151	sand/gravel (1-4 mm) - info	
0	151		154	fine sand + clay (?)	
14	154		169	sand/gravel cobbles	
	169		175	same	
	175		178	clay with caliche (pink)	
2	178		184	red bed	
3	184		199	"	drills hard
				1 cop 5' screen	187 cobbles
				coarse to 192 (?)	178 11 gals
				top gravel @ 184	
				center 184 →	181
				28 sacks	

Owner -----

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

County -----

Static Water Level -----

Topo. Sheet -----

Depth -----

Location -----

Yield -----

Formation Record

Ft. From To Description

Well # 710 = 175

CID = 167

5' screen

1 cap

collar

Group 167-157

157-75

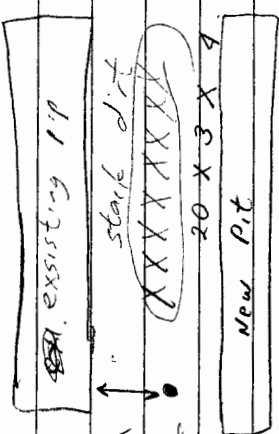
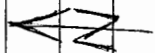
28 sacks

10 22

backfill

start 12 oct

fin 13 oct



293

3

2961

1920

290

3

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

Static Water Level -----

Depth	Yield
1	10
2	15
3	20
4	25
5	30
6	35
7	40
8	45
9	50
10	55
11	60
12	65
13	70
14	75
15	80
16	85
17	90
18	95
19	100
20	105
21	110
22	115
23	120
24	125
25	130
26	135
27	140
28	145
29	150
30	155
31	160
32	165
33	170
34	175
35	180
36	185
37	190
38	195
39	200
40	205
41	210
42	215
43	220
44	225
45	230
46	235
47	240
48	245
49	250
50	255
51	260
52	265
53	270
54	275
55	280
56	285
57	290
58	295
59	300
60	305
61	310
62	315
63	320
64	325
65	330
66	335
67	340
68	345
69	350
70	355
71	360
72	365
73	370
74	375
75	380
76	385
77	390
78	395
79	400
80	405
81	410
82	415
83	420
84	425
85	430
86	435
87	440
88	445
89	450
90	455
91	460
92	465
93	470
94	475
95	480
96	485
97	490
98	495
99	500
100	505

[illegible]

Formation Record

[illegible]

Owner Site 47 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. N. 1/4 Sec. 47

2 west Cairo

Formation Record

ft.	From	To	Description
19	0	6	well #3
			drilled first for water supply
			TD = 64'
			CD = 56'
			5' screen
			5' blank
			8 gel
21	0	6	Hole #1
			0 - 1 brown top soil
1	5	13	sand/gravel 1/2 - 3 mm pebbles up to 2.5 cm
5	13	13	silty clay gray, sandy (1 mm) driller's log
13	22 1/2	22 1/2	clay dark gray some gray streaks driller's log
			very plastic - no sand appeared in large sample
			fine or no silt large but sample doesn't
			appear saturated with water
22 1/2	23 1/2	23 1/2	same clay, sandy (1-2 mm) trace of gray clay
23 1/2	29	29	sand (1-2 mm) lost core
29	32	32	sand/gravel
32	34	34	sand (1/2 - 2 mm)
34	38	38	sand/gravel
38	40	40	sand (1/2 mm) and clay clay tan color change
40	10.1	10.1	cobbles zone

Owner -----

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

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

Static Water Level -----

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

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

Location -----

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 sand)	
64	67	sand < 1 mm QA	drill head
67	72	clay, tanish gray	possible calcareous stone
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, light tan	
83	89	sand / gravel 1/2 - 3 mm	fast drilling
89	94	cobbles @ 84 and on down	
94	96	sand / gravel	1/2 - 3 mm
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 -----

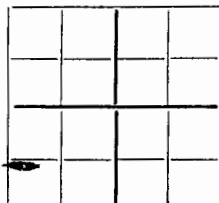
Static Water Level -----

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

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

Location -----

Formation Record



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