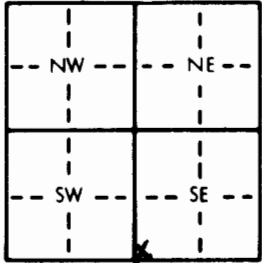


1 LOCATION OF WATER WELL:		Fraction	Section Number	Township Number	Range Number
County: <u>Pratt</u>		<u>SW</u> $\frac{1}{4}$ <u>SW</u> $\frac{1}{4}$ <u>SE</u> $\frac{1}{4}$	<u>36</u>	<u>T</u> <u>29</u> <u>S</u>	<u>R</u> <u>12</u> <u>EW</u>
Distance and direction from nearest town or city street address 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>192</u> ft. ELEVATION: <u>1841.9</u>			
		Depth(s) Groundwater Encountered 1. ft. 2. ft. 3. ft. WELL'S STATIC WATER LEVEL <u>62.8</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>192</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>187</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>SDR-21</u>					
TYPE OF SCREEN OR PERFORATION MATERIAL: <u>2</u> 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:					
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>187</u> ft. to <u>192</u> ft., From ft. to ft. From ft. to ft., From ft. to ft.					
GRAVEL PACK INTERVALS: From <u>184</u> ft. to <u>192</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>80</u> ft. to <u>184</u> ft., From <u>0</u> ft. to <u>10</u> 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
0	9	tan sandy clay w/caliche	04		
9	11	yellow clay	01		
11	19	sand & gravel w/clay lenses & caliche	17		
19	20	yellow clay	01		
20	68	sand & gravel, some clay	17		
68	73	dark tan clay	01		
73	76.5	sand w/clay & caliche	23		
76.5	92	tan-lt. red clay, caliche near top	61		
92	124	sand w/lenses tan clay	23		
124	139	tan & pink clay/ with sand	023		
139	151	sand & gravel	17		
151	154	tan clay w/fine sand	23		
154	175	sand & gravel	17		
175	178	pink clay w/caliche	01		
178	199	red siltstone	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 7, 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> under the business name of by (signature) <u>Patrick M Cobb</u>					
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.					

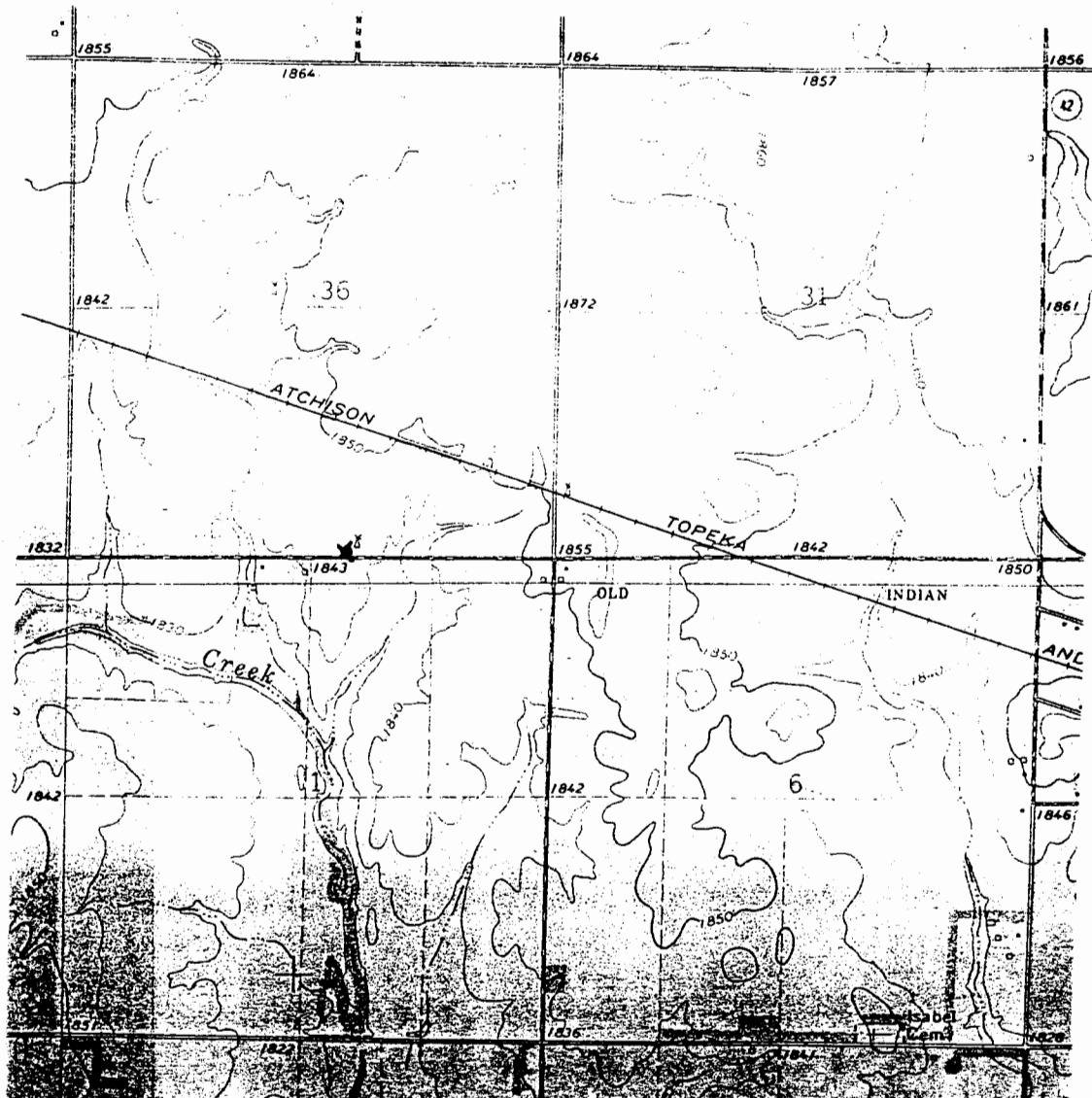
SITE NUMBER : 48
SITE LOCATION: SW SW SE

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 ✕

May 18 - Travel to Seaview
meeting the Ross & John to
Drill site. Complete set up & Pylon
are mud covered (concrete type) and then
were 1 Baya Super-Gal & 4 Bay Quick
Then to next Auger Site & Assisted with Drilling
to water 9:30.

Used descend

May 18 To Rig after starting John
with Auger Began Drilling changed
Seals in with several one changed
to drag BT 64 - Drilled 18' to 47'
and then to lunch - Then Drilled hole
in to 344' used 1st BT Condole 1
Then pulled stem for site Arrived
Met at 8:57 pm 12 today

29295 miles 176.31 Hrs

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

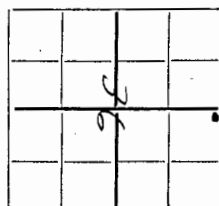
County ----- Date ----- Static Water Level -----

Topo. Sheet ----- Elev. ----- Depth ----- Yield -----

Location Site #48

1 1/2 miles west of Isabel

Formation Record



Ft. From To		Description	
K	0	2	tan sandy clay
	2	9	light tan clay block 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 dark tan
			trace caliche, zones 2.5 mm -> 1 mm
			gray sandy clay
			sand gray tan clay
1	17	17.4	(sand/gravel) 17.4 mm grayish tan clay traces
			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 .25 -> .5 mm
			Trace clay - white + tan
	62	68	same?
			some cobbles
	68	73	clay yellow dark tan
			6" sand + caliche 1 mm
	73	76.5	sand 1-2 mm with clay + caliche

Owner _____

$\frac{1}{4}$ ----- $\frac{1}{4}$ sec. ----- $\frac{1}{4}$ sec. ----- T. ----- R.

T. R.

County ----- Date '-----

Static Water Level -----

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

Depth	Yield
10	10
20	20
30	30
40	40
50	50
60	60
70	70
80	80
90	90
100	100

Location -----

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Formation Record

ft.	From	To	Description
5	116.2	119	clay + Colubr + fine sand
	79	92	clay - no Colubr tan
6	92	94	sand 99H house
7	94	109	(111) roof sand (11-2 mm) $\odot$ alternating with thin $\frac{1}{2}$ ft lenses of tan clay
			$\bullet$ cobble zone $\odot$ 94' 100' 104
	109	121	high station $\odot$ 548 gaus
8	121	124	some lots of sample must have been lying in the clay with sand from
9	124	139	clay with texture of fine sand (tan) + Pink
	139	151	sand/gravel (1-4mm) - left
0	151	154	fine sand + clay (3)
1	154	169	sand/gravel cobbles
	169	175	same
	175	178	clay with calcite (pink)
2	178	184	red bed
3	184	199	"
			1 cap 5' screen 187 coss
			case to 192 (2)
			top ground @ 184
			case 184 $\rightarrow$
			28 sacks

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

Well # TD = 175

CID = 167

5' screen

1 cap

collar

Gravel 167-157

start 157-75

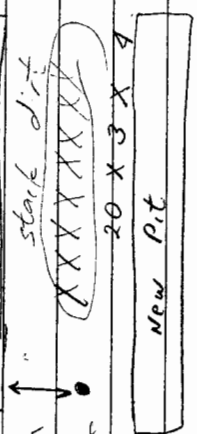
28 sacks

10 g 25'

backfilled

start 12 oct

Fin 13 oct



293

3

2961

1.1

0220

042

3

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

County 1 Date 1 Static Water Level 1

Topo. Sheet 1 Elev. 1 Depth 1 Yield 1

Location 200' N. S.E. N. 1/2 Sec. 4

2 west Ca 10

Formation Record

Ft.	From	To	Description
19	0	1	Well #3
			drilled first for water supply
			TD = 64'
			CO = 56'
			5' screen covered to 22
			5' blank sand/gravel
			8 gel
21	0	1	Hole #1
			0 - 1 brown top soil
1	5	13	sand/gravel 1 1/2 - 3 mm pebbles up to 0.5 cm
5	13	13	silty clay, gray, sandy (1 mm) dark gray
13	22 1/2	22 1/2	clay dark gray some gray streaks shells some
			very plastic - no sand appear in large sample
			little or no silt large but sample shows
			appears 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 cobbles/pebbles
38	40	40	sand (1/2 mm) and clay gray 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	drilled
67	72	clay, tanish gray	possible caliche streak
72	74	sand 1/2 mm QA	1/2 - 2 mm
74	75	sand 1 mm QA	
75	79	sand and clay mix	QA 1/2 mm, light tan
79	83	clay, light 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 -----

Static Water Level -----

Topo. Sheet -----

Depth -----

Location -----

Yield -----

Formation Record

Ft.	From	To	Description
110	115		weathered red bed
115	139		unweathered red bed
			evaporites / calcite?
			TD = 139
			CD = 121
			5' screen
			gravel - 121 -> 113
			cement 113 ->
			sacks 14 + 14
			hole #2
			TD 97 97'
			CD 99
			Screen 5' mill slot
			blank 89' - 5" SDR 21
			200 PSI
			gravel 99 - 84
			grout neat cement
			84' - 22'
			more