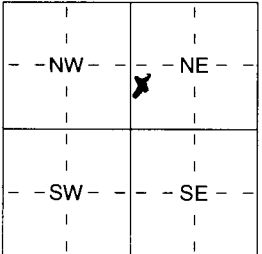


1 LOCATION OF WATER WELL: Fraction NW 1/4 SW 1/4 NE 1/4 Section Number 206 Township Number T 28 S Range Number R 2E E/W
 County: Sedgwick

Distance and direction from nearest town or city street address of well if located within city?

Between Salina Drive and Security fence North of Bldg 51 @ McConnell AFB

2 WATER WELL OWNER: Kansas Air National Guard
 RR#, St. Address, Box #: Deputy Base Civil Engineer Board of Agriculture, Division of Water Resources
 City, State, ZIP Code: 53260 Jayhawk Dr. McConnell AFB, KS 67221 Application Number:

3 LOCATE WELL'S LOCATION WITH AN "X" IN SECTION BOX: 289 DEPTH OF COMPLETED WELL 289 ft. ELEVATION: _____ ft.

 Depth(s) Groundwater Encountered: 1 _____ ft. 2 _____ ft. 3 _____ ft.
 WELL'S STATIC WATER LEVEL: 999 ft. below land surface measured on mo/day/yr _____
 Pump test data: Well water was _____ ft. after _____ hours pumping _____ gpm
 Est. Yield _____ gpm: Well water was _____ ft. after _____ hours pumping _____ gpm
 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 Other (Specify below)
 2 Irrigation 4 Industrial 7 Domestic (lawn & garden) Monitoring well Geothermal
 Was a chemical/bacteriological sample submitted to Department? Yes _____ No ; If yes, mo/day/yrs sample was submitted _____
 Water Well Disinfected? Yes _____ No _____

5 TYPE OF BLANK CASING USED: 5 Wrought iron 8 Concrete tile CASING JOINTS: Glued _____ Clamped _____
 1 Steel 3 RMP (SR) 6 Asbestos-Cement Other (specify below) Poly Geolooop Welded _____
 2 PVC 4 ABS 7 Fiberglass Threaded _____
 Blank casing diameter _____ in. to _____ ft., Dia _____ in. to _____ ft., Dia _____ in. to _____ ft.
 Casing height above land surface _____ in., weight _____ lbs./ft. Wall thickness or gauge No. _____
 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) _____ ft.
 SCREEN-PERFORATED INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft.
 GRAVEL PACK INTERVALS: From _____ ft. to _____ ft., From _____ ft. to _____ ft.

6 GROUT MATERIAL: 1 Neat cement 2 Cement grout Bentonite Other Bentonite/Sand Mix
 Grout Intervals: From 289 ft. to 0 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 Other (specify below)
 3 Watertight sewer lines 6 Seepage pit 9 Feedyard 13 Insecticide storage Road way
 Direction from well? South How many feet? 50

FROM	TO	LITHOLOGIC LOG	FROM	TO	PLUGGING INTERVALS
0	5	Topsoil/Clay	315	0	200lbs. 30/70 Sand Grout mix
5	20	Yellow and gray clay w/ red			50 lbs. Geothermal grout
20	40	Olive green clay			25 gal. water
40	55	Dark gray clay with a show of gravel			
55	70	Dark gry clay w/ some shale			
70	100	Dark gry w/ show of yellow red			
100	145	Gray shale and caliche			
145	195	Gray shale and caliche w/ gray clay			
195	220	Gray shale and caliche			
220	235	Gray shale and caliche w/red shale			
235	291	gray shale and much caliche			
291	315	Gray shale			

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7 CONTRACTOR'S OR LANDOWNER'S CERTIFICATION: This water well was constructed, (2) reconstructed, or (3) plugged under my jurisdiction and was completed on (mo/day/year) 10/21/04 and this record is true to the best of my knowledge and belief. Kansas Water Well Contractor's Licence No. 665 This Water Well Record was completed on (mo/day/yr) 11-8-04 under the business name of Pratt Well Environmental by (signature) [Signature]



Drilling Log #2

(Continuation)

Company Name McCConnell Air Force Base		Project Number		Date 10/18/04	
County Sedgwick		Location Building 51		Page 1	
T.S. Number		Range Fraction R E/W 1/4 1/4 1/4		Total Footage 315'	
Drilling Type	Hole Size	Type of Well	Casing Size	Screen Size	Static Water Level
Mud Rotary	5-5/8"	Geothermal			
Drilling Company Pratt Well Environmental Divison			Driller(s) McCaskey/Brant		
Rig # E4			Type of Samples Screen Samples		
Gravel Pack Size			Customer Contact Customer Phone# Galen Streich		

Depth (feet)	Description	Run/Time	Remarks/ Water Levels
5	Topsoil/Clay		
10			
15	Yellow and Gray Clay		
20	Yellow and Gray Clay with a show of Red		
25	Olive Green Clay		
30			
35			
40	Green with dark gray clay		
45	Dark gray		
50	Dark gray with a show of Olive Green		
55	Dark gray with a show of gravel		
60			
65			

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Drilling Log #2

(Continuation)

Company Name McConnell Air Force Base		Project Number		Date 10/18/04	
County Sedgwick		Location Building 51		Page 2	
T.S. Number		Range Fraction R E/W 1/4 1/4 1/4		Total Footage 315'	
Drilling Type	Hole Size	Type of Well	Casing Size	Screen Size	Static Water Level
Mud Rotary	5-5/8"	Geothermal			
Drilling Company Pratt Well Environmental Divison			Driller(s) McCaskey/Brant		
Rig # E4			Type of Samples Screen Samples		
Gravel Pack Size			Customer Contact Customer Phone# Galen Streich		

Depth (feet)	Description	Run/Time	Remarks/ Water Levels
70	Dark gray with shale		
75	Dark gray with a show of gravel		
80	Dark gray with a show of yellow and red		
85			
90			
95			
100	Dark gray with a show of yellow and red and shale		
105	Gray shale and caliche		
110	Light gray shale and caliche		
115			
120	Darker shale and caliche		
125			
130	light gray shale and caliche		



Drilling Log #2

(Continuation)

Company Name McConnell Air Force Base		Project Number			Date 10/18/04	
County Sedgwick		Location Building 51			Page 3	
T.S. Number		Range Fraction R E/W 1/4 1/4 1/4			Total Footage 315'	
Drilling Type	Hole Size	Type of Well	Casing Size	Screen Size	Static Water Level	
Mud Rotary	5-5/8"	Geothermal				
Drilling Company Pratt Well Environmental Divison			Driller(s) McCaskey/Brant			
Rig # E4			Type of Samples Screen Samples			
Gravel Pack Size			Customer Contact Customer Phone# Galen Streich			

Depth (feet)	Description	Run/Time	Remarks/ Water Levels
135	Light gray shale and caliche		
140			
145			
150	Light gray shale and caliche With a show of gray clay		
155	Light gray shale and caliche		
160			
165			
170			
175			
180			
185			
190			
195	Light gray shale and caliche with a show of gray clay		



Drilling Log #2

(Continuation)

Company Name McConnell Air Force Base		Project Number			Date 10/18/04	
County Sedgwick		Location Building 51			Page 4	
T.S. Number		Range Fraction R E/W 1/4 1/4 1/4			Total Footage 315'	
Drilling Type	Hole Size	Type of Well	Casing Size	Screen Size	Static Water Level	
Mud Rotary	5-5/8"	Geothermal				
Drilling Company Pratt Well Environmental Divison			Driller(s) McCaskey/Brant			
Rig # E4			Type of Samples Screen Samples			
Gravel Pack Size			Customer Contact Galen Streich			

Depth (feet)	Description	Run/Time	Remarks/Water Levels
200	Light gray shale and caliche with a show of gray clay		
205			
210	Gray shale and caliche		
215			
220	Gray shale		
225			
230			
235	Light gray shale and caliche with a show of red shale		
240			
245	Dark gray shale		
250	Light gray shale and much caliche		
255			
260			



Drilling Log #2

(Continuation)

Company Name McConnell Air Force Base		Project Number		Date 10/18/04	
County Sedgwick		Location Building 51		Page 5	
T.S. Number		Range Fraction		Total Footage 315'	
		R	E/W	1/4	1/4
Drilling Type	Hole Size	Type of Well	Casing Size	Screen Size	Static Water Level
Mud Rotary	5-5/8"	Geothermal			
Drilling Company Pratt Well Environmental Divison			Driller(s) McCaskey/Brant		
Rig # E 4			Type of Sample Screen Samples		
Gravel Pack Size			Customer Contact Customer Phone# Galen Streich		

Depth (feet)	Description	Run/Time	Remarks/Water Levels
265	Light gray and much caliche		
270			
275			
280	Gray shale		
285			
290		291'	Bottom of HEAT Loop
295			
300			
305			
310			
315			