



**IT CORPORATION**  
A Member of the IT Group

# Drilling Log

Monitoring Well **MW-14**

Project Beech Rotosonic Lithology Owner Beech Aircraft Corp.  
 Location Wichita, KS Proj. No. 040020143  
 Surface Elev. 1369.81 ft. Total Hole Depth 106 ft. Diameter 6.25 in.  
 Top of Casing 1369.65 ft. Water Level Initial \_\_\_\_\_ Static \_\_\_\_\_  
 Screen: Dia 2 in. Length 10 ft. Type/Size PVC mill slot/.010 in.  
 Casing: Dia 2 in. Length 93 ft. Type Sch 40 PVC  
 Fill Material 10-20 Colorado Silica Sand Rig/Core Rotosonic RD 150  
 Drill Co. North Star Drilling Method Rotosonic  
 Driller Zales Davidson Log By Stuart Klaus Date 3/4/94 Permit # 49585  
 Checked By P.Osborn/D.Smith License No. \_\_\_\_\_

See Site Map  
For Boring Location

COMMENTS:

Depth (ft.)	Well Completion	PID (ppm)	Sample ID	Blow Count/ % Recovery	Graphic Log	USCS Class.	Description (Color, Texture, Structure) Trace < 10%, Little 10% to 20%, Some 20% to 35%, And 35% to 50%
-2							
0							0.0-1.7' silty CLAY--with topsoil, and trace of sand, medium brown, moderately plastic, damp.
2		7.0		142%		CL	1.7-2.7' silty CLAY--reddish brown, very dense, highly plastic, damp.
4						CL	2.7-5.0' silty CLAY--olive with some reddish brown clay, very stiff, slightly plastic, dry.
6						CL	5.0-10.0' silty CLAY--olive with some reddish brown clay, very stiff, slightly plastic, dry, with little gypsum rocks (hard, weathered) present from 7.5-10.0'.
8		5.0		160%		CL	
10						CL	10.0-15.0' silty CLAY--olive with some reddish brown clay, hard, slightly plastic, dry, with 4" layer of weathered gypsum (10.9-11.2').
12		3.0		156%		CL	
14						CL	15.0-20.0' silty CLAY--with trace fine grained sand, olive, very stiff, slightly plastic, damp.
16						CL	
18		5.0		152%		CL	
20						CL	20.0-25.0' silty CLAY--olive, very stiff, slightly plastic, damp.
22		5.0		152%		CL	
24							



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24						CL	25.0-28.0 silty CLAY-olive, very stiff, slightly plastic, damp.
26						CL	
28		5.0		78%		gyp	28.0-30.0' broken GYPSUM-white to light gray, soft with hard layers.
30						shl	30.0-32.0' silty SHALE-olive to dark gray, very stiff, weathered.
32		5.0		115%		shl	32.0-34.0' silty SHALE-with trace gypsum, light gray to gray, dry.
34		7.0		115%		shl	34.0-35.0' silty SHALE-with little gypsum changing to some gypsum from 34.7-35.0', gray to white, dry.
36		3.0		360%		shl	35.0-40.0' SHALE and GYPSUM-interbedded small layers (2"), white to gray, dry.
38				36%			
40							40.0-43.5' silty SHALE-weathered with little gypsum, moist.
42						shl	
44				100%			43.5-44.5' SHALE and GYPSUM-dark gray to white, dry, laminated gypsum layers (<1").
46						gyp	44.5-47.0' broken GYPSUM-white, soft with hard layers (<1").
48						gyp	47.0-47.5' broken GYPSUM-white, soft with hard layers (<1").
50						shl	47.5-51.0' silty SHALE-with little gypsum (crystals and fibrous), medium to dark gray, dry.
52				135%			51.0-53.0' broken GYPSUM-white to light gray, hard, dry.
54						gyp	53.0-53.6' broken GYPSUM-white to light gray, hard, dry.
56						shl	53.6-64.0' silty SHALE-with trace gypsum (crystals and fibrous), dark gray to black.



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56							
58				102%			
60						shl	
62							
64							64.0-75.0' silty SHALE-with trace gypsum (crystals and fibrous), dark gray to black.
66							
68							
70				48%		shl	
72							
74							
76							75.0-85.0' broken GYPSUM-white to light gray, dry.
78							
80				34%		gyp	
82							
84							
86						gyp	85.0-88.0' broken GYPSUM-white to light gray, dry.
88						gyp	



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88							88.0-96.0' silty SHALE-with trace gypsum crystals, dark gray to black.
90				64%			
92						gyp	
94							
96						gyp	96.0-97.0' broken GYPSUM-white to light gray, hard, dry.
98							97.0-106.0' silty SHALE-with trace gypsum, black, weathered.
100							
102				66%		shl	
104							
106							END EXPLORATION @ 106.0'
108							
110							
112							
114							
116							
118							
120							