



TEST HOLE REPORT

*Layne-Western Company, Inc.*

# 27140

Contract Name <u>Osceola County R.W.S.</u>	<p>TEST HOLE</p> <p>No. <u>TH 1-81</u></p>
Job No. <u>B-389</u> Date <u>5/7/81</u>	
City <u>May City</u> State <u>Iowa</u>	
Driller <u>Dean Heldt</u>	

Test Hole Location \_\_\_\_\_  
 Distance and Direction from Permanent Landmark or Previous Test Hole \_\_\_\_\_

TEST LOG

FROM	TO	MARSH FUNNEL VISCOSITY SECONDS	MUD PIT LOSS INCHES	Static Water Level _____ Measured _____ Hours After Completion	FORMATION
0	3				TOPSOIL
3	16				Medium-coarse brown SAND & GRAVEL
16	20				Medium-coarse gray SAND & GRAVEL
20	24				SAND & GRAVEL, COBBLES
24	30				Medium-coarse brown SAND & GRAVEL
30	32				BOULDERS, hole flowing (Set 8" casing to 42')
32	47				GLAY gray w/STONES
47	72				SAND & CLAY gray/GRAVEL
72	79				Sandy CLAY w/big GRAVEL, gray
79	115				SAND medium w/big GRAVEL, brown
115	128				TILL dark gray, hard
128	146				TILL w/LIMESTONE streaks, medium
146	153				TILL w/SHALE streaks, hard
153	155				TILL light gray, hard
155	178				Yellow brown TILL w/GRAVEL

NOTES: Size of Pit \_\_\_\_\_ X \_\_\_\_\_ X \_\_\_\_\_ DEEP









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		Driller <u>Dean Heldt</u>

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### TEST LOG

FROM	TO	MARSH FUNNEL VISCOSITY SECONDS	MUD PIT LOSS INCHES	FORMATION	Static Water Level _____ Measured _____ Hours After Completion
324	325			COAL	
325	330			Dark brown-black SHALE, soft	
330	378			Gray-light gray SHALE w/streaks ROCK	
378	390			Brown fine SANDSTONE w/SHALE streaks	
390	521			Brown SANDSTONE	
521	529			Gray brown SHALE	
529	558			Brown SANDSTONE	
558	560			SHALE	
560	569			Brown SANDSTONE	
569	575			Gray SHALE	
575	597			SANDSTONE w/SHALE streaks	
597	607			Gray SHALE	
				(Bottom of Boring)	
				4" PVC set to 607' w/bottom 100' slotted & gravel packed	

NOTES: Size of Pit \_\_\_\_\_ X \_\_\_\_\_ X \_\_\_\_\_ DEEP