



TEST HOLE REPORT

Layne-Western Company, Inc.

21-30-24C  
P

Contract Name City of Girard, Kansas  
 Job No. A-075-N Date \_\_\_\_\_  
 City Girard, State Kansas

TEST HOLE  
 No. \_\_\_\_\_

Driller P. Harris

Test Hole Location Crawford County; Sec. 21, T.30S, R.24E, NE $\frac{1}{4}$ , NE $\frac{1}{4}$ , SE $\frac{1}{4}$ , SW $\frac{1}{4}$

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
0'0"	18'0"			Gray black shale, tr. coal, gray limestone
18'0"	19'0"			Limestone stringers
19'0"	35'0"			Gray clay, black shale
35'0"	125'0"			Gray black shale, gray clay
125'0"	360'0"			Black gray shale, gray clay, gray limestone, soft
360'0"	430'0"			Light green-gray limestone, dolomite, green-
				black shale, light-dark gray chert
430'0"	445'0"			Light gray-brown dolomite, light -dark gray chert
				tr. black gray shale, pyrite
445'0"	480'0"			Brown-gray dolomite
480'0"	505'0"			Brown-gray dolomite, light gray chert
505'0"	535'0"			Brown-gray dolomite, light gray, blue chert
535'0"	545'0"			Dark gray dolomite, dark-light gray chert
545'0"	570'0"			Same
570'0"	585'0"			Light-dark gray dolomite, dark gray chert, tr. white limestone

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



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Test Hole Location 21-30-24E Distance and Direction from Permanent Landmark or Previous Test Hole

TEST LOG

Table with columns: FROM, TO, MARSH FUNNEL VISCOSITY SECONDS, MUD PIT LOSS INCHES, Static Water Level Measured, Hours After Completion, FORMATION. Rows describe geological layers from 35'0" to 800'0" depth.

NOTES: Size of Pit X X DEEP



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Driller P. Harris

Test Hole Location 21-30<sup>S</sup>-24<sup>E</sup>

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

TEST HOLE No. \_\_\_\_\_

TEST LOG

FROM	TO	MARSH FUNNEL VISCOSITY SECONDS	MUD PIT LOSS INCHES	Static Water Level _____ Measured _____ Hours After Completion
				FORMATION
70' 0"	835' 0"			Light-dark gray dolomite tr. gray chert
835' 0"	840' 0"			Light gray dolomite, light-dark gray-white chert
840' 0"	845' 0"			Light brown sandy dolomite
845' 0"	850' 0"			Light gray dolomite, white limestone
850' 0"	875' 0"			Light, dark gray dolomite, chert
875' 0"	890' 0"			Light gray dolomite (sandy) white gray chert
890' 0"	895' 0"			Dark gray dolomite
895' 0"	925' 0"			Dark gray dolomite (sandy) tr. chert
925' 0"	930' 0"			Brown dolomite, white chert
930' 0"	935' 0"			Light gray dolomite white limestone
935' 0"	945' 0"			Gray sand, dolomite, white chert
945' 0"	975' 0"			Dark-light gray dolomite, chert
975' 0"	980' 0"			Brown sandy dolomite
980' 0"	985' 0"			Light gray dolomite

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



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City Girard, .. State KANSAS

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FROM	TO	MARSH FUNNEL VISCOSITY SECONDS	MUD PIT LOSS INCHES	Static Water Level _____ Measured
				_____ Hours After Completion
				FORMATION
85'0"	990'0"			Dark gray dolomite, white sand
990'0"	1110'0"			Dark gray dolomite, green dolomite, limestone, white chert
1110'0"	1125'0"			Gray sand, green gray white limestone, dolomite
1125'0"	1130'0"			White sand, limestone
1130'0"	1160'0"			Gray-white sand, gray dolomite
1160'0"	1165'0"			Gray dolomite

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