

DRILLER'S TEST LOG

Township 24 Range 9

[illegible]



THE DUPRAY-PETERSON LABORATORY

PHONE MOHAWK 5-5661

19 NORTH WALNUT

BOX 866

HUTCHINSON, KANSAS 67501



REPORT ON Irrigation Water EXAMINATION

NAME Darling Drilling Co. ADDRESS 1211 W. 4th, Hutchinson, Kans.

SOURCE OF SAMPLE Gene Horton TIME COLLECTED _____

DATE COLLECTED 8-3-64 DATE RECEIVED 8-3-64 DATE REPORTED 8-3-64

BACTERIOLOGICAL EXAMINATION

STANDARD PLATE COUNT AS BACTERIA PER ML. IN _____ HRS.

COLI-FORM COUNT (MPN) PER 100 ML. BY FERMENTATION.

PRESUMPTIVE TEST	10 ml.	1.0 ml.	0.1 ml.	0.01 ml.	0.001 ml.
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NO. OF TUBES	_____	_____	_____	_____	_____
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CONFIRMATION TEST	_____	_____	_____	_____	_____
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MOST PROBABLE NUMBER OF COLI-FORM (MPN) PER 100 ML. _____

COLI-FORM COUNT PER ML. IN 24 HRS. BY AGAR METHOD _____

BACTERIOLOGICAL CONDITION _____

CHEMICAL ANALYSES

ELEC. CONDUCTIVITY 575 Micro Mhos/cm. NITRATE AS NO₃ _____ p.p.m.

% SOLUBLE SODIUM 54 % pH _____

TOTAL HARDNESS (CaCO₃) 7.6 gr./gal. CALCIUM ION _____ p.p.m.

CHLORIDES _____ p.p.m. MAGNESIUM ION _____ p.p.m.

SODIUM CHLORIDE (Salt) 255.0 p.p.m. PHENOL. ALK. CaCO₃ _____ p.p.m.

RESIDUAL CHLORINE _____ p.p.m. TOTAL ALK. CaCO₃ _____ p.p.m.

TOTAL IRON _____ p.p.m. SULFATES _____ p.p.m.

IRRIGATION QUALITY Excellent to good _____

REMARKS:

DUPRAY-PETERSON LABORATORY

By Paul C. Peterson

(over for information)