

4510

9-26-69
EP 1-26-TM

STATE		COUNTY		LATITUDE							LONGITUDE							SEQ NO
				DEG		MIN		SEC		N or S	DEG		MIN		SEC			
1	2	3	4	5	6	7	8	9	10		11	12	13	14	15	16	17	18
1	9	2	0	4	1	4	0	2	1	N	0	9	3	1	5	3	9	2

IOWA DISTRICT WRD

WELL NO 79-21W-11 ABBB CO JASPER
OWNER PRAIRIE CITY ADDRESS PRAIRIE CITY
DRILLER LAYNE WESTERN DATE DRLD 9-1950
MAP _____
SOURCE OF DATA FILE
DESCRIPTION M. P. LSD FEET (ABOVE) (BELOW) LSD _____

WELL-DESCRIPTION CARD - BHYDROGEOLOGIC CARD - C[illegible]

CASING AND SCREEN (SIZE, TYPE, INTERVALS):

43' 10 1/2" of 16" #45 BIK steel esg
+ 6' 10 1/2" - 37' ; 10' of 16" screen

CODED BY Mac SD DATE 10-9-74

PUNCHED BY Davis DATE 11-14-74

VERIFIED BY _____ DATE _____

SKETCH ON REVERSE: YES _____ NO _____

A 4x4 grid with a dot at (1, 3) and two vertical lines at (2, 2) and (2, 3).

WELL NO. 79-21W-11 ABEE

IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

W-4510

RECORD OF WELL

Location: $\frac{1}{2}$ mi. W. Colfax So. Hwy No. 6

Town: Prairie City (N E)
(S W): County Jasper

sec. 11 T 79 N., R. 21 W. Twp.

Well name and number Prairie City Town well (1950)

Owner [Signature] Address _____

Tenant _____ Address _____

Contractor Layne - L&T - Term Co Address _____

Drillers _____

Drilling dates Sept 1950

Well data:

Elevations: Drilling curb 795.5 feet: Land surface 788.12 feet

Determined by _____

Topographic position _____

Total depth: Reported _____ feet, Measured _____ feet

Drilling method _____

Hole and casing data 43' 10 1/2" of 16" 45# Black Steel Casing from
+ 6' 10 1/2" to 37' 10' of 16" screen

Original depth to water 8.12 ~~7.12~~ above land surface ft. below _____ Date _____

Original elevation of water level _____ ft.; Source of data _____

Sources of water: Principal Gravel; Others _____

Production data:

Date _____

Static depth to water _____ Measuring point _____
Pumping level _____ at _____ g.p.m. _____

Specific capacity _____ g.p.m. per ft. drawdown; Temperature _____ °F.

Pump data: Type pump _____ Column Dia. _____ Length _____
 Cylinder or bowls: Dia. _____ Length _____ Suction pipe _____
 Power _____ Airline _____
 Estimated rate or productions: _____ g.p.m. for _____ hrs. a day
 Use of water _____

WATER ANALYSES (in parts per million)

Date samples	_____	_____	_____	_____
Samples by	_____	_____	_____	_____
Total solids	_____	_____	_____	_____
Insoluble matter	_____	_____	_____	_____
Alkalinity (Meo)	_____	_____	_____	_____
Alkalinity (Phn)	_____	_____	_____	_____
pH	_____	_____	_____	_____
Fe ₂ O ₃ + Mn ₂ O ₃ + Al ₂ O ₃	_____	_____	_____	_____
Alkali as sodium	_____	_____	_____	_____
Calcium	_____	_____	_____	_____
Magnesium	_____	_____	_____	_____
Iron (unfiltered)	_____	_____	_____	_____
Manganese	_____	_____	_____	_____
Nitrate	_____	_____	_____	_____
Fluoride	_____	_____	_____	_____
Chloride	_____	_____	_____	_____
Sulfate	_____	_____	_____	_____
Bicarbonate	_____	_____	_____	_____
Hardness (ppm)	_____	_____	_____	_____
Hardness (gpg)	_____	_____	_____	_____
Remarks	_____			

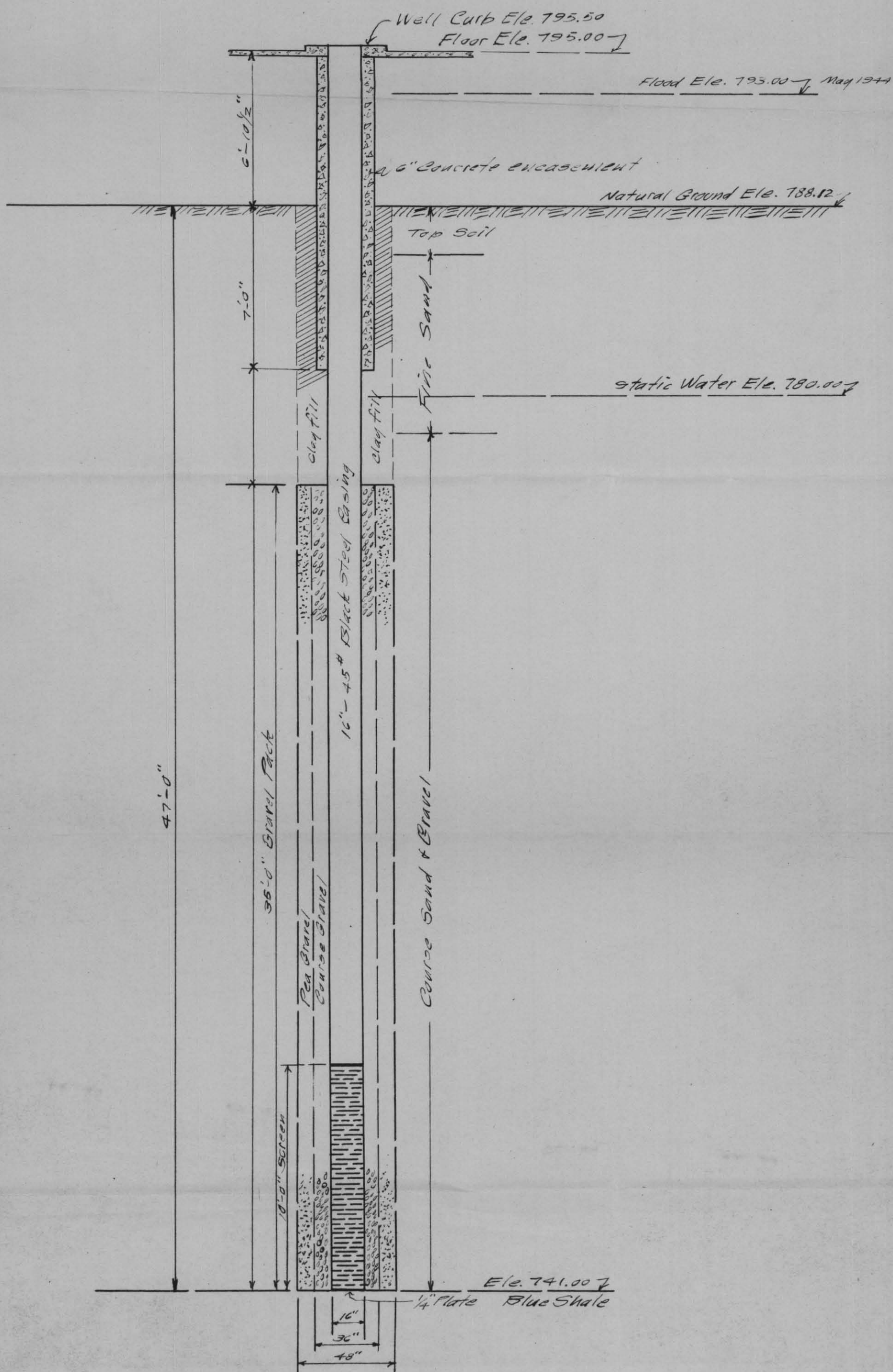
Laboratory data:

Sample storage location CH8-9Sample range 0-47 No. spls. 11 No. dupls. & cond. 11-GSpls. prepared by AWF Washed range 47 by AWF 10/23/50

Driller's log and cond. _____

Insoluble residues: Prepared by _____ Studied by _____ Strip log _____

Microscopic study 12-1-58 strip log SCAGen. log _____ Correl. by SCA



DOUBLE WALL
GRAVEL PACKED WELL
FOR
PRAIRIE CITY, IOWA

Located in Sec. 11-79-21 Jasper County, Ia.
approx. $\frac{1}{2}$ mi. West of Colfax, Ia. South Highway #6
Layne-Western Co. Ames, Ia. Contractors.
H. C. Patterson, Knoxville, Ia. Engineer.
Constructed Sept. 1950