7½' Osage Quad
431644 0924838 - 01
098 - 17W - 26 ADBC
1980 - field located by D. Karstin

#16641

IOWA GEOLOGICAL SURVEY
In Cooperation with U.S. Geological Survey
RECORD OF WELL

Location:

Town: OSAGE (NE) (SW) County MITCHELL

PJH location 5th & Park Street SENWSENE

NE NE Sec. 26, T. 98, N., R. 17 (W) ~~(E)~~ Twp.

Well name and number

Owner OSAGE CITY WELL (1969) Address OSAGE, IOWA

Tenant Address

Contractor LAYNE-WESTERN CO. Address AMES, IOWA

SUBLET CONTRACT TO

Drillers GEO SHOWVER - FREDERICKSBURG, IOWA

Drilling dates JUNE-AUG. 1969

Well data:

topo 1163'

Altitudes: Drilling curb ____ feet; Land surface ____ feet 1168'

Determined by

Topographic position

Total depth: Reported 650' feet; Measured 650' feet

Drilling method CABLE TOOLS

Hole and casing data 195' OF 20" CSG. 0-195'

19" OPEN HOLE 195'-650'

Original depth to water ____ ft. above / below Date

Source of data

Sources of water: Principal _____
Others _____

PRODUCTION DATA

Date _____

Static water level 71'-5"

Pumping water level 200'

Yield (g.p.m.) 800

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA PLS-833-834

Well No. #16641 Sample range 3-650 No. of samples 128

No. of dupls. and cond. 128 FAIR Washed range 165-650

Samples prepared by LOUETT Date 8/31/64

Logged by NORTHUP Date AUG. 1964

Correlations by _____ Date _____

Osage City Well

NE NE sec. 26, T 98 N., R 17 W

Elevation 1,168'

Formation Record:

Pleistocene 0-10'
Top Cedar Valley 10'
Top Maquoketa 355' (Maquoketa is all dolomite with minor amounts of chert)

Top Galena 420'
Top Decorah-Platteville 635'
Total Depth 650' in Decorah-Platteville

Casing Record:

195' of 20" casing
19" open hole 195'-650' (Total depth)

SWL 71'5"
PL 200' @ 800 gpm.

Well was acidized with 4,000 gallons muriatic acid.