

7 1/2 Cresco NE Quad
432254N - 0920709-01
99-11W-23 BCBB
1980 field located by D. Karsten

#17075

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

Location:

Town: CRESCO (NE) County HOWARD
(SW)
NW Sec. 23, T. 99, N., R. 11 (E) (W) Twp.

Well name and number

Owner CRESCO CITY WELL (1965) Address CRESCO, IOWA

Tenant _____ Address _____

Contractor HOEG & AMES, INC. Address LINCOLN, IOWA

Drillers _____

Drilling dates OCT 13, 1964 - JUNE 9, 1965

Well data:

Altitudes: Drilling curb _____ feet; Land surface _____ feet 1301' EST.

Determined by _____

Topographic position _____

Total depth: Reported 1195 feet; Measured _____ feet

Drilling method CABLE TOOLS

Hole and casing data _____

Original depth to water _____ ft. above _____ below _____ Date _____

Source of data _____

Sources of water: Principal PRairie du CHIEN - JORDAN - ST. LAWRENCE
Others _____

PRODUCTION DATA

Date	<u>6/9/65</u>	
Static water level	<u>331.5'</u>	
Pumping water level	<u>355'</u>	<u>371.8'</u>
Yield (g.p.m.)	<u>521</u>	<u>1000</u>
Measuring point	_____	_____
Duration of pumping	<u>31 Hours</u>	
Specific capacity	_____	_____

LABORATORY DATA

Well No. # 17075 Sample range 0-1145 No. of samples 230
No. of dupls. and cond. 230 FAIR Washed range 10-1145
Samples prepared by Bud & John Date 3/17/65
Logged by NORTHUP Date 1964-65
Correlations by _____ Date 1964-65



MEMBER

Phone 515 473-2707

HOEG & AMES, Inc.

WELL CONTRACTORS

WELL SUPPLIES

LINCOLN, IOWA

58452



RECORD OF WELL

Owner City of Cresco, Iowa.

Address Cresco, Iowa.

Tenant _____

Address _____

Location In the City of Cresco, Iowa. Howard County.

Started the Well October 23, 1964.

Finished the Well June 21, 1965.

Total Depth 1145 ft. Size of Well 14" to 465'8", 12" to 1145'

Static Water Level 331.5 ft.

Draw-down 23.5 feet, pumping 521 Gal. P.M.

Casing record on page with formation record.

foot of _____ inch pipe installed

foot of _____ inch casing installed

Driller A. K. Scott, for Hoeg & Ames, Inc.

Remarks 14" O.D. casing to 465'8", and 12" I.D. casing
from 465'8" to 700' cement grouted in 24" hole to
85', 21.5" hole from 85' to 260', 19.5" hole from
260' to 661', and 17.5" hole from 661' to 700'.

FORMATION

Formation record next page.



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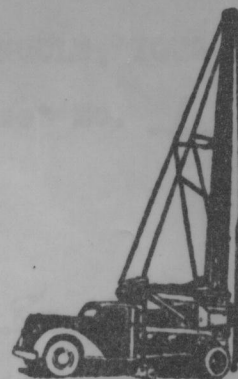
WELL SUPPLIES

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LINCOLN, IOWA

50452

June 23, 1965.



New Municipal Well at Cresco, Iowa.

Casing Record.

85 ft. of 22" O.D. pipe
131 ft. of 20" O.D. pipe
186 ft. of 18" O.D. pipe
234'4" of 12" I.D. pipe
467'8" of 14" O.D. pipe

Drillers Log of Formations Encountered.

0'	to	6'	-	Soil and fill dirt.
6'	to	15'	-	Yellow clay and rock.
15'	to	42'	-	Yellow broken limestone.
42'	to	80'	-	Gray and brown Dolomite, some blue shale.
80'	to	120'	-	Gray and brown Dolomite - hard.
120'	to	149'	-	Brown Dolomite.
149'	to	158'	-	Blue sandy shale.
158'	to	173'	-	Hard shale.
173'	to	235'	-	Brown and gray limestone.
235'	to	240'	-	Shale and brown limestone.
240'	to	280'	-	Brown and gray limestone.
280'	to	290'	-	Brown shale.
290'	to	500'	-	Gray and Brown limestone.
500'	to	525'	-	Gray and brown limestone, some shale.
525'	to	552'	-	Light brown shale.
552'	to	577'	-	Hard gray limestone.
577'	to	584'	-	Glenwood shale.
584'	to	659'	-	St. Peter Sandstone - hard.
659'	to	661'	-	Gray Dolomite.
661'	to	667'	-	Dolomite, some shale.
667'	to	700'	-	Brown and gray Dolomite.
700'	to	750'	-	Dolomite, sandy.
750'	to	755'	-	Sandstone.
755'	to	775'	-	Gray Dolomite, very sandy.
775'	to	810'	-	Gray Dolomite, sandy.
810'	to	970'	-	Gray Dolomite, cherty.
970'	to	982'	-	Medium hard Sandstone.
982'	to	1001'	-	Hard Sandstone.
1001'	to	1006'	-	Medium hard sandstone.
1006'	to	1060'	-	Medium hard sandstone.
1060'	to	1078'	-	Medium hard sandstone, floating in hole
1078'	to	1135'	-	Gray and brown Dolomite .
1135'	to	1145'	-	Gray Dolomite.

Total Depth - 1145 feet.