



Phone 515 473-2707

# HOEG & AMES, Inc.

WELL CONTRACTORS

WELL SUPPLIES

\*\*\*

LINCOLN, IOWA

68482

*Survey Copy*



## RECORD OF WELL

Owner Iowa State Conservation Commission  
Address East 7th and Court Streets,  
Des Moines, Iowa. 50308  
Tenant Springbrook State Park  
Address \_\_\_\_\_  
Location At Springbrook State Park, in Section 4,  
T-80-N., R-31-W, Victory Township, Guthrie County,  
Iowa.  
Started the Well June 23, 1966  
Finished the Well July 5, 1966  
Total Depth 86 ft. Size of Well 8"  
Static Water Level 66 ft.  
Draw-down 10 ft. feet, pumping 18 Gal. P.M.  
66 feet of 8" I.D. inch pipe installed  
\_\_\_\_\_ feet of \_\_\_\_\_ inch casing installed  
Driller Wayne Wraga, Sr., for Hoeg & Ames, Inc.  
Remarks Drilled 12" hole to 86 ft. Set 20' X 8"  
Johnson Stainless Steel Screen, 25 slot, with 4'  
of 7" O.D. pipe screwed on top, in bottom and gravel  
packed it. Set 66' of 8" I.D. pipe, and cemented it in 12" hole.

FORMATION  
0' to 30' - Yellow clay.  
30' to 50' - Gray clay.  
50' to 56' - Sand and gravel.  
56' to 60' - Gray clay.  
60' to 86' - Sandstone.

Total Depth - 86 feet.



WELL PRODUCTION TEST DATA SHEETJob Springbrook State ParkDate Tested July 5, 1966Location Sec 4, Victory Twp.,  
Guthrie County, Iowa.Tested by Wayne Wrage, Sr. for  
Hoeg & Ames, Inc.Diameter of Well 8" ✓Pump Used Stroke pumpDepth of Well 86 ft.

Driver \_\_\_\_\_

Length of Airline 84 ft.Col. & Shaft 84 ft. of pump pipeStatic W. L. 66 ft.

Bowls \_\_\_\_\_

Orifice Size \_\_\_\_\_

Mfr. \_\_\_\_\_

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW- DOWN	REMARKS
1:30 P.M.				66'		Started Pump
1:32		22	84'		18'	Water sandy
1:42		22	82'		16'	Water sandy
1:52		22	82'		16'	Water sandy
2:09		22	82'		16'	Water clearing
2:17		22	82'		16'	Water clearing
2:30		22	82'		16'	Water clear
2:45		22	82'		16'	Water clear
3:00		22	82'		16'	Water clear
3:15		22	80'		14'	Water clear
3:30		22	80'		14'	Water clear
4:00		22	80'		14'	Water clear
4:30		22	80'		14'	Shut pump off
4:45			70'			Started pump
5:00		24	84'		18'	Water clear
5:15		24	84'		18'	Water clear
5:30		24	84'		18'	Water clear



WELL PRODUCTION TEST DATA SHEET

Job Springbrook State Park Date Tested July 5, 1966  
 Location \_\_\_\_\_ Tested by \_\_\_\_\_  
 Diameter of Well \_\_\_\_\_ Pump Used \_\_\_\_\_  
 Depth of Well \_\_\_\_\_ Driver \_\_\_\_\_  
 Length of Airline \_\_\_\_\_ Col. & Shaft \_\_\_\_\_  
 Static W. L. \_\_\_\_\_ Bowls \_\_\_\_\_  
 Orifice Size \_\_\_\_\_ Mfr. \_\_\_\_\_

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW- DOWN	REMARKS
5:45 P.M.		24	84'		18'	Water clear
						July 6, 1966
7:30 A.M.				66'		Started Pump
7:30	(strong)	18	70'		4'	Pumping just a little sand but water clear
7:45		18	72'		6'	Water clear
8:00		18	74'		8'	Water clear
8:15		18	74'		8'	A little sand coming Water clear
8:30		18	74'		8'	Water clear
8:45		18	74'		8'	Water clear
9:00		18	74'		8'	Water clear
9:02		30	80'		14'	Speeded up pump Pumping sand
9:15		30	80'		14'	Very little sand Water clear
9:30		30	80'		14'	Water clear
9:45		30	80'		14'	Water clear
10:00		30	80'		14'	Water clear
10:15		30	80'		14'	Water clear
10:30		30	80'		14'	Water clear Shut pump off



HOBG & AMES, Inc.

LINCOLN, IOWA

Sheet No. 3

## WELL PRODUCTION TEST DATA SHEET

Job Springbrook State Park Date Tested July 5 & 6, 1966

Location \_\_\_\_\_ Tested by \_\_\_\_\_

Diameter of Well \_\_\_\_\_ Pump Used \_\_\_\_\_

Depth of Well	Driver
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Length of Airline \_\_\_\_\_ Col. & Shaft \_\_\_\_\_

Statio W. L. \_\_\_\_\_ Bowls

Orifice Size \_\_\_\_\_ Wt. \_\_\_\_\_

[illegible]