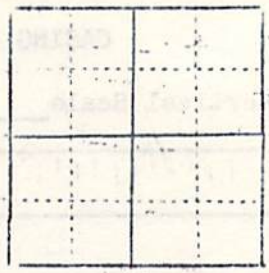
IOWA GEOLOGICAL SURVEY
In Cooperation with U. S. Geological Survey

5557

RECORD OF WELL



Location:

Town: Lamont (N E / S W) :County Buchanan

NW NW NE sec. 23 T 90 N.,R. 7 E. W. Twp.

Well name and number Lamont Town Well

Owner _____ Address _____

Tenant _____ Address _____

Contractor Hoeg & Ames Address _____

Drillers _____

Drilling dates July 1952

Well data:

Elevations: Drilling curb _____ feet; Land surface 1043' feet

Determined by Altimeter (T.G. Kling) Summer 1966

Topographic position _____

Total depth: Reported 160 feet, Measured _____ feet

Drilling method _____

Hole and casing data 12" to 25'; 8" pipe driven to 84'; top 25' cemented

Original depth to water 11 ft. above / (below) _____ Date _____

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

Sources of water: Principal _____; Others _____

Production data: Date

Static depth to water 11 Measuring point

Pumping level 26 at 100 g.p.m.

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

Pump data: Type pump Turbine Column Dia. Length

Cylinder or bowls: Dia. Length Suction pipe

Power Electric motor Airline

Estimated rate of production: g.p.m. for hrs. a day

Use of water

WATER ANALYSES (in parts per million)

Date samples				
Sampled by				
Total solids				
Insoluble matter				
Alkalinity (Meo)				
Alkalinity (Phn)				
pH				
$Fe_2O_3+Mn_2O_3+Al_2O_3$				
Alkali as sodium				
Calcium				
Magnesium				
Iron (unfiltered)				
Manganese				
Nitrate				
Fluoride				
Chloride				
Sulfate				
Bicarbonate				
Hardness (ppm)				
Hardness (gpg)				

Remarks

Laboratory data: Sample storage location CL7-8

Sample range 0-160 No. spls. 32 No. dupls. & Cond. 32 Good

Spls. prepared by DeRoma Washed range 80-160 by DeRoma

Driller's log and cond.

Insoluble residues: Prepared by Studied by Strip log

Microscopic study strip log 8/20/52

Gen. log Correl. by Northup

SINCE 1934

Winslow Drilling Co.

Industrial, Municipal, Farm and Home
Cable Tool and Rotary Well Drilling
5 TO 30 INCH
PHONE. DAV. (319) 391-5740
P.O. BOX 162. WALCOTT. IOWA. R.R. 1 52773

For City of Lamont Located at Lamont, Iowa

Make, Kind and Size of Power

Bowl No. Size Stages

Column Setting Ft. Size Shaft Size

Static Level Before Pumping 304' After Pumping Temperature

Date	Time	Engine R.P.M.	G.P.M.	Pumping Level	Draw Down	Air Gauge	Remarks
9-4-85	7:30		150	310'			
	7:35		150	310'			
	7:40		150	310'			
	7:45		150	310'			
	7:50		150	310'			
	7:55		150	310'			
	8:00		150	310'			
	8:05		150	310'			
	8:10		150	310'			
	8:15		150	310'			
	8:20		150	310'			
	8:25		150	310'			
	8:30		150	310'			
	9:00		150	311'			
	9:30		150	312'			
	10:00		150	312'			
	10:30		150	312'			
	11:00		150	312'			
	11:30		150	313'			
	12:00		150	313'			
	1:00		150	313'			

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Make, Kind and Size of Power

Bowl No. Size Stages

Column Setting Ft. Size Shaft Size

Static Level Before Pumping After Pumping Temperature

Date	Time	Engine R.P.M.	G.P.M.	Pumping Level	Draw Down	Air Gauge	Remarks
9-4-85	2:00		150	314'			
	3:00		150	314'			
	3:30		150	314'			
	3:35			310'			RECOVERY
	4:00			308'			
	4:30			308'			

Test done by The Northway Corporation