

HISTORY OF WELL

Well drilled in January 1960
Test pumped 24 hours 20 Jan. 1960
180 G.P.M. w/ 24 ft drawdown 1st 7 hrs.
147 G.P.M. w/ 21 ft drawdown last 17 hrs.
Well reamed out for 8" casing 22 Jan.
Well grouted 26 Jan. Part of grout
leaked into well and had to
be regrouted.
Well built by George Showver of
Fredericksburg, Iowa.
Contract for Pump, Motor, Pump
house, Mains & Automatic Con-
trols let to Loyne Western Co.
Ames, Iowa, 22 April 1960.
Pump & motor set 8 July 1960.
Pump pulled water below pump
suction. Showver pulled pump &
motor & found conc. chunks at
-202 ft. level. Pump & motor was
reset but water level still
dropped, apparently due to
plugging by shale when hole
was reamed, or grout, or
both. After several weeks of
pumping the well could be pumped
at 150 G.P.M.
John Cahoy of Fredericksburg lowered
pump 10 ft. on 6 Oct. 1960. It was
planned to lower it 30' but it
caught on the well & wouldn't
go down without forcing. At this
time well produced 150 G.P.M.
w/ water level at top bowls.
Frank Flores made final alarm
adjustments 14 Jan. 1961
Well produced 160 G.P.M. w/ water
level 8 ft. above bowls on 17
Jan. 1961

1/4" plastic air
line ends
at top bowls

224 Galena Limerock

PROFILE OF

NEW WELL

SPILLVILLE IOWA

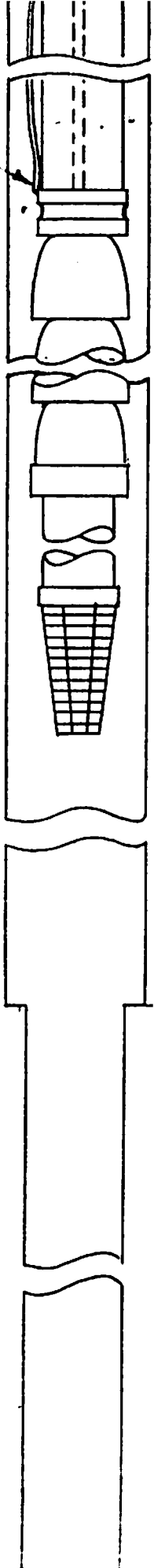
26 JANUARY 1960

L. P. ERDMAN, P.E. - CONSULTING ENGINEER
DECORAH IOWA

- 363

Shale

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Static head above ground (discharge
 to overflow tower) 126'
 Friction head in mains 14'
 Pumping level below pump base 152'
 Total pumping head @ 160 G.P.M. 292'

