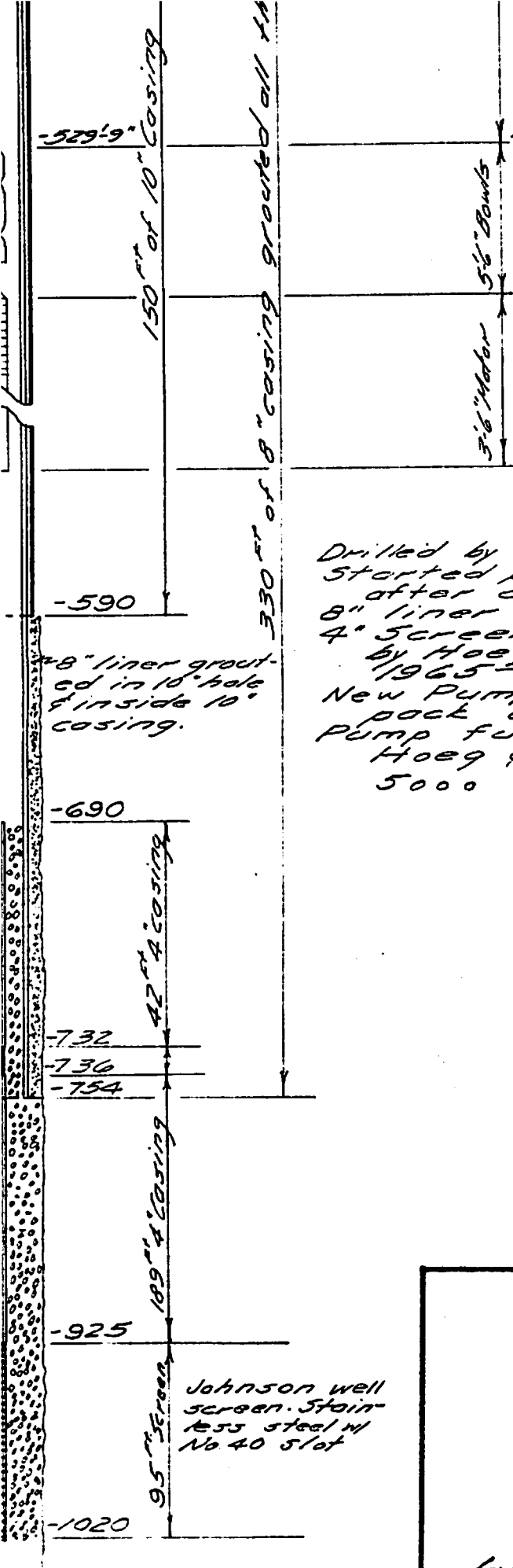


10 Stage Jacuzzi Pump w/ 6" bowls

Motor 3 ph., 60 cycle, 440 V. submersible by Franklin Elec. Co., Inc.

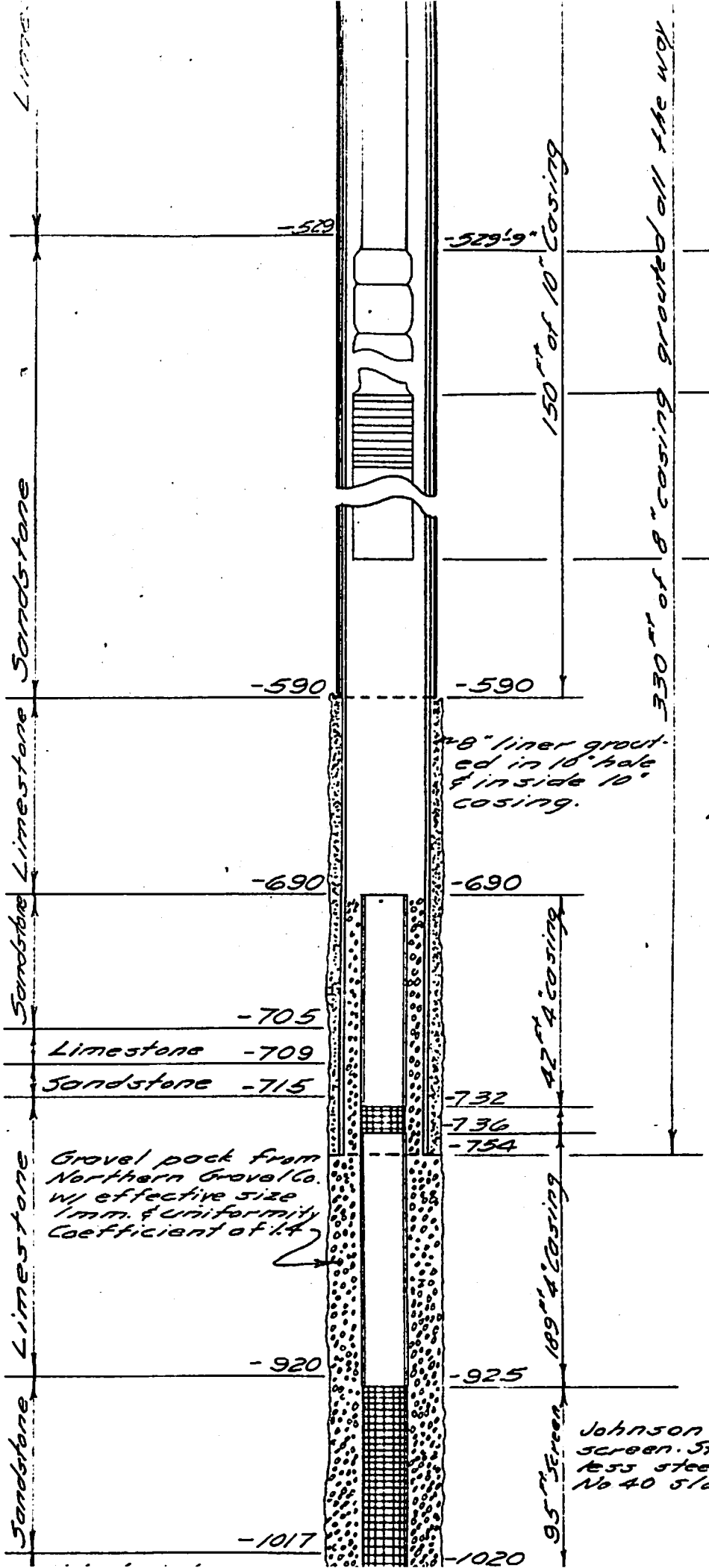
HISTORY OF WELL

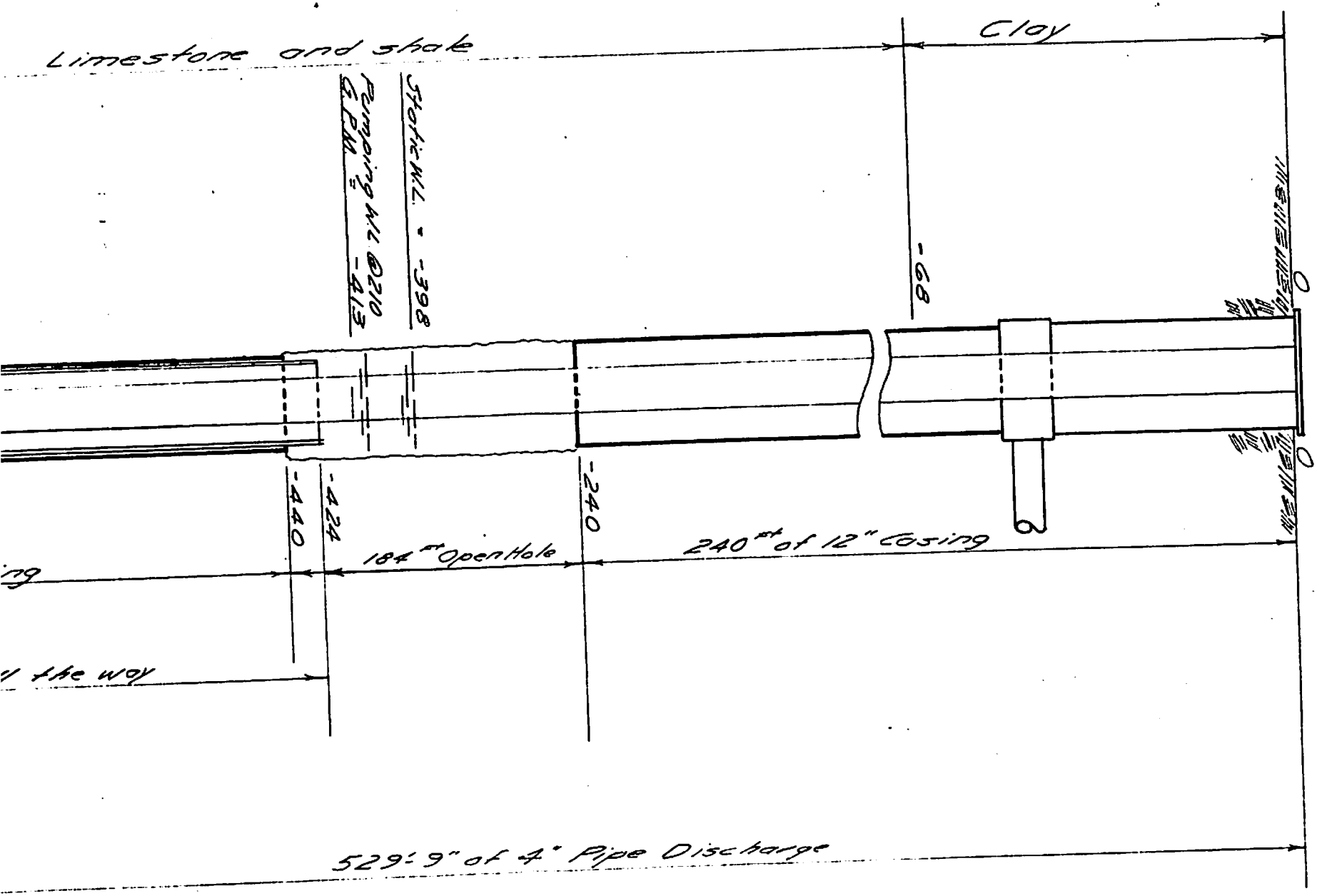
Drilled by THorpe Well Co. in 1962
Started pumping sand approx 6 months after completion.
8" liner added by Thorpe in 1963
4" Screen and gravel pack installed by Hoeg and Ames in fall and winter 1965-1966
New Pump and motor installed when gravel pack completed on Feb. 5, 1966.
Pump furnished by Louis Whitney set by Hoeg & Ames.
5000 Gal. Acid used in 1963

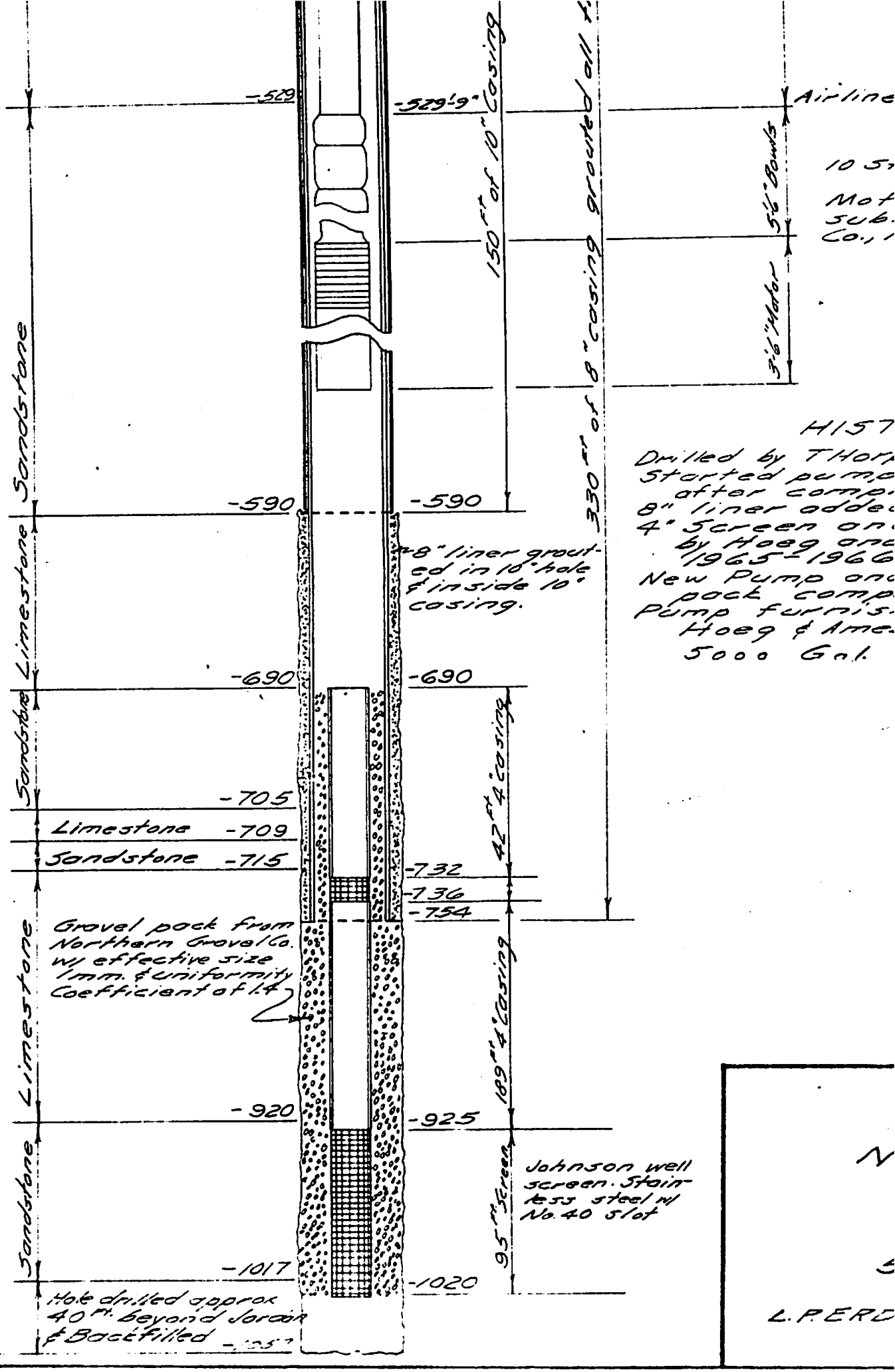
PROFILE OF NEW WELL OSSIAN, IOWA

5 FEBRUARY 1966

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


Limestone
-529
Sandstone
-590
Limestone
-690
Sandstone
-705
Limestone -709
Sandstone -715
Limestone
-920
Sandstone
-1017
-529'9" Casing
150 ft or 10" Casing
330 ft or 8" casing grouted all the way
-590
8" liner grouted in 10" hole & inside 10" casing.
-690
42 ft 4" casing
-732
-736
-754
Gravel pack from Northern Gravel Co. w/ effective size 1mm. & uniformity Coefficient of 1.4
189 ft 4" Casing
-925
95 ft Screen
Johnson well screen. Stainless steel w/ No 40 slot
-1020
Airline en
10 Stage
Motor
Submer
Co., Inc.
5'6" Bowls
3'6" Motor
HISTOR
Drilled by THorpe
Started pumping
after complet
8" liner added
4" screen and
by Hoeg and
1965-1966
New Pump and m
pack complete
Pump furnished
Hoeg & Ames.
5000 Gal. Ac
P
NEW
O
5 F


Limestone and shale
Clay
Static W.L. = -398
Pumping W.L. @ 210 G.P.M. = -413
-60
Ground Surface
-440
-424
-240
184' Open Hole
240' of 12" Casing
ing
the way
529.9" of 4" Pipe Discharge


-529
-529'9" Casing
Sandstone
-590
-590
Limestone
8" liner grouted in 10" hole & inside 10" casing.
-690
-690
Sandstone
-705
Limestone -709
Sandstone -715
-732
-736
-754
Gravel pack from Northern Gravel Co. w/ effective size 1mm. & uniformity coefficient of 1.4
-920
-925
Limestone
Sandstone
-1017
-1020
Hole drilled approx 40 Ft. Beyond Jordan & Backfilled
150 Ft of 10" Casing
330 Ft of 8" Casing grouted all
42 Ft 4" Casing
189 Ft 4" Casing
95 Ft Screen
Johnson well screen. Stainless steel w/ No. 40 slot
Airline
5½" Bowls
3'6" Motor
HIST
Drilled by THom
Started pump
after comp
8" liner adde
4" screen on
by Hoeg and
1965-1966
New Pump and
pack comp
Pump furnis
Hoeg & Ame
5000 Gal.
L. PERO