

STATE ENGINEER
Salem, Oregon

MARK 9.6.13

Well Record

STATE WELL NO. 8/2W-5.N.D
COUNTY Marion
APPLICATION NO. GR-692

OWNER: Oregon State Hospital

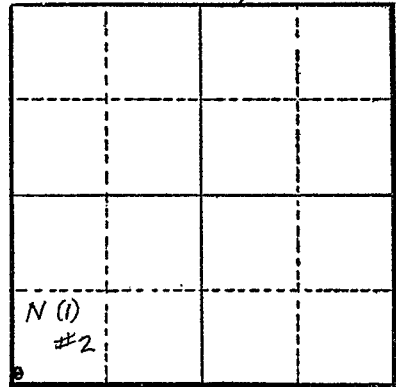
MAILING ADDRESS: Station A.

LOCATION OF WELL: Owner's No. #2

CITY AND STATE: Salem, Oregon

SW 1/4 SW 1/4 Sec. 5 T. 8 S., R. 2 W., W.M.

Bearing and distance from section or subdivision corner 5119' S. & 5252' W. of NE corner section 5.



Altitude at well 233 feet

TYPE OF WELL: Drilled Date Constructed 1937

Depth drilled 160 ft. Depth cased 160 ft.

CASING RECORD:

10 in. from 0 to 160 feet

FINISH:

AQUIFERS:

WATER LEVEL:

15 feet

PUMPING EQUIPMENT: Type WH. style 1018097 - Pomona turbine H.P. 15
Capacity 150 G.P.M. 6 in.

WELL TESTS:

Drawdown ft. after hours G.P.M.
Drawdown ft. after hours G.P.M.

USE OF WATER Domestic Temp. °F., 19

SOURCE OF INFORMATION GR- 692

DRILLER or DIGGER

ADDITIONAL DATA:

Log Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:

1505pm
295.70M

EUGENE DIETZEN CO.
NEW J. S. A.

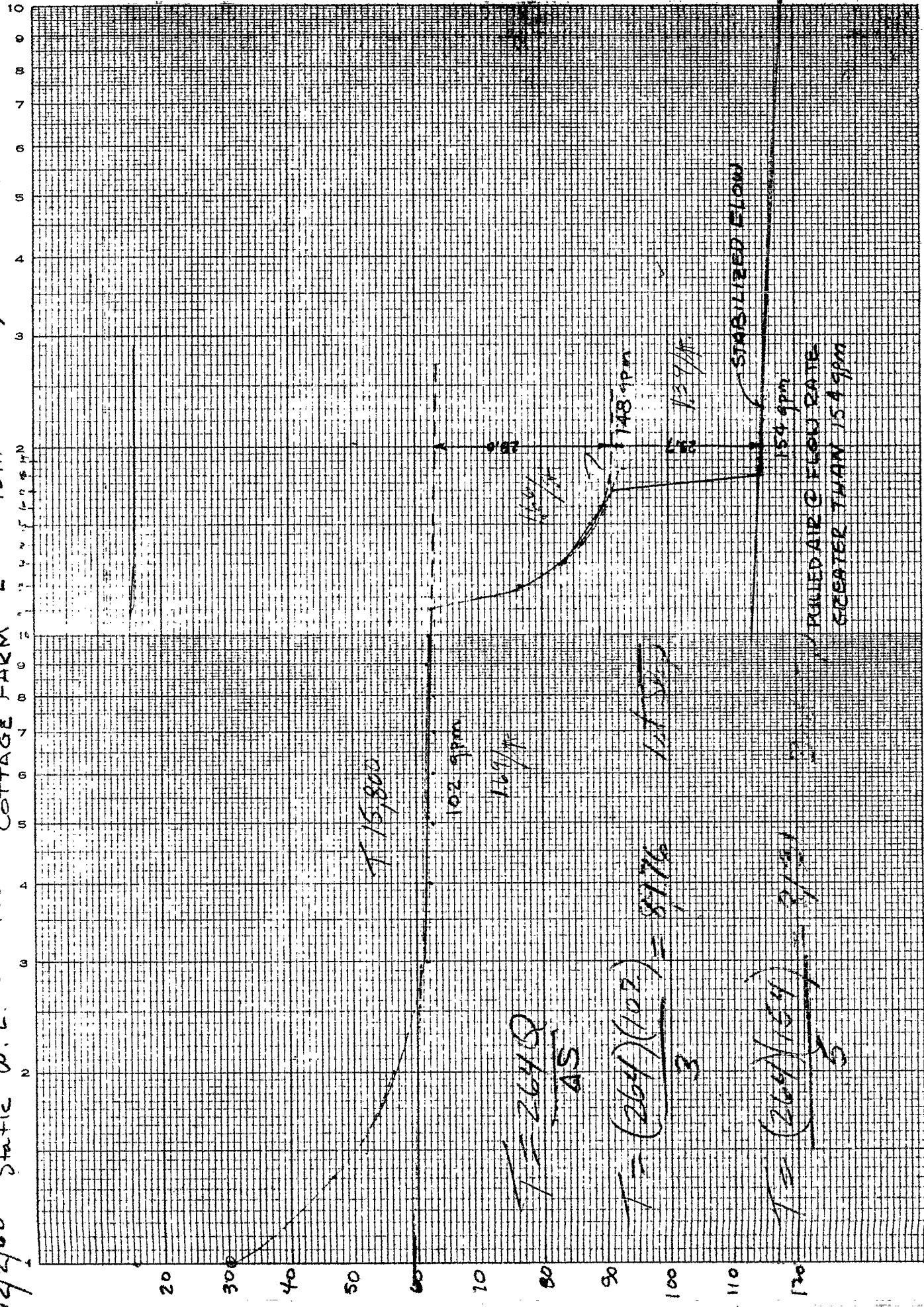
8/2W-5N(1)

- 15HP

COTTAGE FARM #2

13.85

12/2/60 Static W.L. -



T 15,800

102 gpm

1.69 / W

$$T = \frac{264Q}{AS}$$

$$T = \frac{(264)(102)}{3} = 8776$$

$$T = \frac{(264)(154)}{5} = 8121$$

STABILIZED FLOW

APPLIED AIR @ FLOW RATE GREATER THAN 154 gpm

8/2W-5K(1)

COTTAGE FARM #4 - 40 HP

12/7/60 Static W.L. - 18.3

NSH 19

105.9 ftm

$$T = \frac{264 Q}{A S}$$

$$\text{1st step } \frac{(264)(105)}{101} = 16300$$

$$\text{2nd step } \frac{(264)(182)}{70} = 6,870$$

$$\text{3rd step } \frac{(264)(270)}{30} = 2,370$$

364

19.0

182.9 ftm

2.46

65.2

270 ftm

270 ftm

STABILIZED STRESS

270 ftm

300 ftm
400 ftm

10 20 30 40 50 60 70 80 90 100 110 120

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