

STATE ENGINEER
Salem, Oregon

UMAT
5238

Well Record

STATE WELL NO. 6^N/36-31L(1)
COUNTY UMATILLA
APPLICATION NO. U-2

OWNER: Milton Nursery Co.

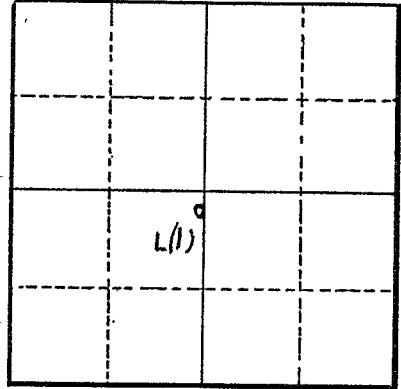
MAILING ADDRESS: AA

LOCATION OF WELL: Owner's No. _____

CITY AND STATE: Milton Oregon

NE 1/4 SW 1/4 Sec. 31 T. 6 N. S., R. 36 W., W.M.

Bearing and distance from section or subdivision corner _____



Altitude at well _____

TYPE OF WELL: Drilled Date Constructed 1927

Depth drilled 2000 Depth cased 527

Section 3)

CASING RECORD:

- ~~6-inch~~
- 12-inch, set to 39 ft
- 10-inch set to 207 ft
- 8-inch to 348 ft, 6-inch set from 417 to 527 ft

FINISH:

AQUIFERS:

BASALT

WATER LEVEL: 115 feet below L.S.D. 1928

PUMPING EQUIPMENT: Type Turbine H.P. 40
Capacity 800 G.P.M.

WELL TESTS:

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

USE OF WATER Irr. 40 acres Temp. _____ °F. _____, 19____

SOURCE OF INFORMATION

DRILLER or DIGGER AA Durand

ADDITIONAL DATA:

Log Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

STATE ENGINEER
Salem, Oregon

State Well No. 6N/36-31L(6)
County UMATILLA
Application No. U-2

Well Log

Owner: Milton Nursery Co. Owner's No. _____

Driller: A.A. Diamond & Son Date Drilled 1927

CHARACTER OF MATERIAL	(Feet below 'and surface)		Thickness (feet)
	From	To	
Soil	0	20	20
Gravel, water bearing from 140 to 165 ft	20	200	180
Basalt	200	417	217
Shale	417	434	17
Basalt, grey, with black basalt, no water	434	712	278
Basalt, black, water bearing	712	715	3
Basalt, grey, no water	715	900	185
Basalt, black, with streaks of red	900	914	14
Basalt, grey, no water	914	1120	206
Basalt, black, water bearing	1120	1122	2
Basalt, grey, no water	1122	1390	268
Basalt, black, with fine white water washed gravel	1390	1393	3
Basalt, grey	1393	1850	457
Basalt, black, water bearing	1850	1856	6
Basalt, grey, no water	1856	1940	84
Basalt, black water bearing	1940	1944	4
Basalt, grey, water bearing, principal aquifer	1944	2000	56

409 of Milton Nursery No 11461

Dug Jan 1 1928 - 1930

20 ft soil.
80 ft gravel
Basalt rock at 200 ft
Basalt rock to 417 ft
Shale 17 ft

12" Casing - 39 ft

DRILLER A. DURANT

10' Casing 207 ft

Finished Well

Water level 115 ft.

Water bearing rock
14 ft to 165 ft

8" Casing 348 ft

Grey and black
basalt rock

shale 17 ft

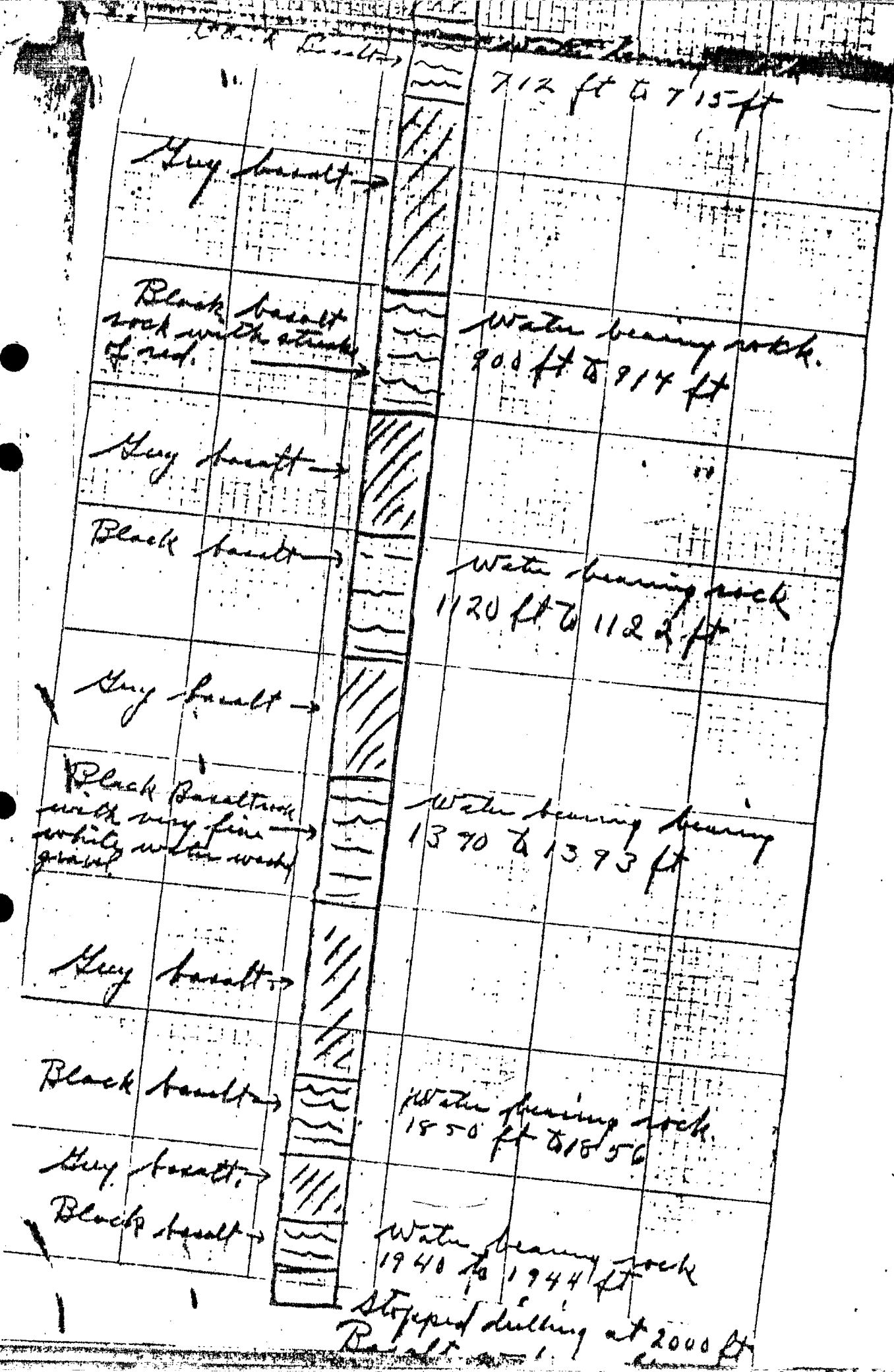
6 1/2" Casing liner 120 ft

liner from 417 to 537 ft

Grey basalt with
black basalt rock
bearing no water

black Basalt

Water bearing rock



Milton Nursery Well #1

12-17-79 TV analysis

top of 12" casing
top of 10" casing

bottom of 12" @ unknown
depth (39' by old log)

static in 1970

Start perforations in 10" to bottom
also getting pitted

Water seeping in
water squirting in

bottom of 10" casing (water running in around bottom)

← open hole (upper portion appears consolidated
below 308' is layered with boulders)

← cavity
top of 8" liner

static water level

8" liner is badly pitted - getting
worse as go deeper

top of fill in well

10/21/80

Static is 310'
Depth is 333'

0
50
100
114
128
150
164
175
200
202
250
259
300
291
350
333'

Unknown