

STATE ENGINEER
Salem, Oregon

UMAT
4279

Well Record

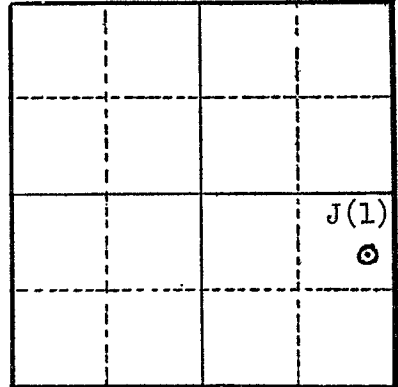
STATE WELL NO. 6N/35-17J(1)
COUNTY Umatilla
APPLICATION NO. U- 719

OWNER: Frank M. Lockwood
MAILING ADDRESS: Rt. 1

LOCATION OF WELL: Owner's No. _____
CITY AND STATE: Waitsbury, Washington

NE 1/4 SE 1/4 Sec. 17 T. 6 N. R. 35 E., W.M.

Bearing and distance from section or subdivision
corner S.5°47'W. 1592.7' thence N.56°59'W. 59'
to well, beginning at NE cor. of lot 2
NE 1/4 sec. 17



Section 17

Altitude at well _____

TYPE OF WELL: Drilled Date Constructed _____

Depth drilled 456' Depth cased 387'

CASING RECORD:

16 inch hole from 0 to 375 feet; 10 inch to 456 feet
10 inch casing set to 387 feet

FINISH:

Perforated except for 20 feet at top & 4 feet at bottom.
Gravel packed from 15 to 375 feet. Used 25 yards of 1/2" crushed stone.

AQUIFERS:

WATER LEVEL:

PUMPING EQUIPMENT: Type _____ H.P. _____
Capacity _____ G.P.M.

WELL TESTS:

Drawdown _____ ft. after _____ hours 290 G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Irrigation Temp. _____ °F. _____, 19

SOURCE OF INFORMATION Drillers report U- 640

DRILLER or DIGGER George Scott

ADDITIONAL DATA:

Log Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

GEO. E. SCOTT

Well Contractor

6N/35-17J(1)

Portland, Oregon,

May 23rd, 1954

Log of Well on Lockwood Ranch

Formations:

9' clay
 9' to 77' Gravel mixed with some clay
 77' to 310' Some gravel mixed with mostly clay
 310' to 313 Yellow clay
 313' to 365 " " some gravel
 365' to 384 " " some large gravel
 384' to 384 Mixture of gravel and clay
 384' to 375 White sticky clay caving
 375' to 386 Dark bluish clay, sticky small amount of gravel
 386' to 402 Yellow clay
 402' to 456 Yellow clay hole caving

Total depth 456 feet

Size hole drilled;

16" to 375 feet
 10" to 456 "

Casing used;

387' 2" of 10" I.D. pipe . All slotted except 30 feet
 at top and 4 ft. at bottom

Gravel packed around 10" pipe from 375 ft. up to 15ft. of
 top using 25 yards of 1/3" crushed stone and cemented to
 top of foundation.

First test 220 gals. per min

Second Test

Pump
 10 feet suction and screen
 8 ft. 3" Bowls
 290 ft. of 5" Column
 Total 308 ft 3" pump in well

Well pumped 290 gals. per min at close of days pumping