

UMAT  
4178

# Well Record

STATE WELL NO. 6N/34-35D(1)  
COUNTY UMATILLA  
APPLICATION NO. U-294

OWNER: Dorothy Kelly Cockburn

MAILING  
ADDRESS: \_\_\_\_\_

LOCATION OF WELL: Owner's No. \_\_\_\_\_

CITY AND  
STATE: \_\_\_\_\_

NW 1/4 NW 1/4 Sec. \_\_\_\_\_ T. \_\_\_\_\_ N. \_\_\_\_\_ E. \_\_\_\_\_  
S, R. \_\_\_\_\_ W., W.M.

Bearing and distance from section or subdivision  
corner 746' S. & 23' E. of NW corner of Sec. 35


Altitude at well \_\_\_\_\_

TYPE OF WELL: Drilled Date Constructed Sept. '47 - Mar '48

Depth drilled 702 Depth cased 60

Section 35

### CASING RECORD:

18 and 14 inch - set to 60 feet

### FINISH:

### AQUIFERS:

### WATER LEVEL:

PUMPING EQUIPMENT: Type \_\_\_\_\_

Capacity \_\_\_\_\_ G.P.M.

H.P. \_\_\_\_\_

### WELL TESTS:

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

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

USE OF WATER Irrigation Temp. \_\_\_\_\_ °F. \_\_\_\_\_, 19.

SOURCE OF INFORMATION U-294, U.S.G.S. Report

DRILLER or DIGGER A. A. Durand & Son

### ADDITIONAL DATA:

Log  Water Level Measurements \_\_\_\_\_ Chemical Analysis \_\_\_\_\_ Aquifer Test \_\_\_\_\_

### REMARKS:

STATE ENGINEER  
Salem, Oregon

State Well No. 6N/34-35D(1)  
County Umatilla  
Application No. U-294

## Well Log

Owner: Dorothy Kelly Cookburn Owner's No. \_\_\_\_\_  
Driller: A. A. Durand & Son Date Drilled Sept. 17, Mar. '48

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Soil and yellow clay	0	11	11
Gravel, cemented	11	20	9
Rock and boulders	20	21	1
Gravel, cemented	21	37	16
Rock, water bearing	37	38	1
Basalt, brown	38	48	10
Gravel	48	51	3
Gravel and clay	51	58	7
Gravel, cemented	58	75	17
Basalt, brown	75	90	15
Basalt, brown, hard	90	102	12
Basalt, crevice	102	106	4
Basalt, honey combed, water bearing	106	108	2
Basalt, brown, hard	108	120	12
Gravel, gray, cemented	120	125	5
Clay, blue and gravel	125	140	15
Basalt, brown, water bearing	140	160	20
Basalt, hard, gray	160	168	8
Basalt, gray	168	178	10
Basalt, gray, soft	178	200	22
Basalt, broken, brown	200	220	20
Basalt, blue	220	255	35
Basalt, brown honeycombed	255	260	5
Basalt, blue	260	270	10



9-189  
(Oct. 1938)

DEC 19 1963

NOTEBOOK SHEET

Name Newcomb, Sava & Turner Date Dec. 17, 1963

Current metering deep wells near  
Milton - Freshwater

Marion Cockburn well 6/34-35D1

Well flowing 5 gpm (est) over 14-inch  
flange at land surface

Depth (ft below land surface)	Crkts/min	Vel (ft/sec)	Flow (gpm)
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50 0

100 0

200 0

300 0

400 0

500 0

540 entered smaller hole, or pipe, or offset

550 0

600 0

650 0

666 passed pipe, hole offset, or anchor

690 0

699± on bottom

Conclusion:

No water moving in well, except  
the 5 gpm over flow, at  
this time and hydraulic  
condition.

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