

STATE ENGINEER  
Salem, Oregon

MORR  
1719

OBSERVATION WELL  
Well Record

STATE WELL NO. 4N/27-5B(1)  
COUNTY Morrow  
APPLICATION NO. U-571

Umatilla Ord. Depot  
OWNER: U.S. Corps of Engineers

MAILING ADDRESS: Walla Walla District

LOCATION OF WELL: Owner's No. 6

CITY AND STATE: Walla Walla, Washington

NW 1/4 NE 1/4 Sec. 5 T. 4 N. R. 27 E., W.M.

Bearing and distance from section or subdivision corner Approx. 2800 ft. E. & 100 ft. S. from

NW corner of Sec. 5, T. 4 N., R. 27 E.

		81	

Section 5

Altitude at well Top of casing 544.7 ft.

TYPE OF WELL: drilled Date Constructed 7/9/54

Depth drilled 710 Depth cased

CASING RECORD: 16 inch casing

FINISH:

AQUIFERS: Basalt rock & (cinders) from 141 to 710 ft.  
(cinders from 698 to 710 ft.)

WATER LEVEL: 80 ft. below land surface

PUMPING EQUIPMENT: Type turbine 6 stage H.P. 10  
Capacity 100 G.P.M.

WELL TESTS:  
Drawdown 69 ft. after hours pumping 1089 G.P.M.  
Drawdown 24 ft. after hours pumping 599 G.P.M.

USE OF WATER Fire, dom., maint. Temp. °F., 19

SOURCE OF INFORMATION Permit U-571

DRILLER or DIGGER Courtney Bach

ADDITIONAL DATA:  
Log  Water Level Measurements Chemical Analysis Aquifer Test

REMARKS:



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State Well No. 4N/27-5B(4)

County \_\_\_\_\_

Application No. \_\_\_\_\_

## Water Level Record

OWNER: Umatilla Army Depot OWNER'S NO. 6

Description of measuring point: N. E.  $\frac{1}{4}$  Sec 5 T4N R27E Morrow

Date	Water Level Feet (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
Oct 55	73		Apr	69	
Nov	72		May	69	
Dec	72		Jun	70	
Jan 56	70		Jul	72	
Feb	70		Aug	73	
Mar	70		Sep	73	
Apr	70		Oct	72	
May	71		Nov	72	
Jun	71		Dec	71	
Jul	72		Jan 58	70	
Aug	73		Feb	70	
Sep	73		Mar	68.5	
Oct	74		Apr	68	
Nov	72		May	68	
Dec	71		Jun	69	
Jan 57	71		Jul	69	
Feb	70		Aug	70	
Mar	69		Sep	71	

REMARKS: In service October 1955

### Water Level Record

OWNER: Umatilla Army Depot OWNER'S NO. 6

Description of measuring point: N. E. 1/4 Sec. 5 T4N R27E Morrow

Date	Water Level Feet (below) Land Surface	Remarks	Date	Water Level Feet (above) (below) Land Surface	Remarks
Oct 58	70		Apr	67	
Nov	69		May	69	
Dec	68		Jun	71	
Jan 59	68		Jul	73	
Feb	69		Aug	76	
Mar	67		Sep	78	
Apr	67		Oct	76	
May	69		Nov	75	
Jun	70		Dec	72	
Jul	72		Jan 61	70	
Aug	73		Feb	69	
Sep	72		Mar	68	
Oct	70		Apr	73	
Nov	70		May	77	
Dec	68		Jun	82	
Jan 60	67		Jul	86	
Feb	67		Aug	89	
Mar	67		Sep	88	

REMARKS:

STATE ENGINEER  
Salem, Oregon

State Well No. ....

County .....

Application No. 1 .....

# Water Level Record

OWNER: Umatilla Army Depot

OWNER'S NO. 6

Description of measuring point: N. E. 1/4 Sec. 5 T4N R27E Morrow

Date	Water Level Feet (below) Land Surface	Remarks	Date	Water Level Feet (above) Land Surface	Remarks
Oct 61	84		Apr	83	
Nov	79		May	92	
Dec	77		Jun	96	
Jan 62	76		Jul	102	
Feb	74		Aug	106	
Mar	73		Sep	104	
Apr	77		Oct	99	
May	87		Nov	97	
Jun	91		Dec	93	
Jul	95		Jan 62	89	
Aug	98		Feb	87	
Sep	98		Mar	88	
Oct	95		Apr	94	
Nov	88		May	103	
Dec	85		Jun	108	
Jan 63	83		Jul	111	
Feb	81		Aug	114	
Mar	79		Sep	115	

REMARKS: .....



County

Application No.

### Water Level Record

OWNER: Umatilla Army Depot

OWNER'S NO. 7

Description of measuring point: N. W. 1/4 Sec 5 T1N R27E Morrow

Date	Water Level Feet (below) Land Surface	Remarks	Date	Water Level Feet (above) Land Surface	Remarks
Sep 62	95		Mar	86	
Oct	93		Apr	94	
Nov	86		May	101	
Dec	83		Jun	106	
Jan 63	81		Jul	110	
Feb	79		Aug	111	
Mar	78		Sep	113	
Apr	82		Oct	108	
May	90		Nov	102	
Jun	95		Dec	98	
Jul	99		Jan 65	91	
Aug	103		Feb	86	
Sep	102		Mar	85	
Oct	97		Apr	93	
Nov	95		May	102	
Dec	91				
Jan 64	87				
Feb	85				

REMARKS: In service September 1962