

#702

MORR  
WELL

OBSERVATION WELL

Well Record

STATE ENGINEER  
Salem, Oregon

STATE WELL NO. 4N/27-18 P(1)  
COUNTY MORROW  
APPLICATION NO. G. 3008  
MORR 667 PERMIT-5-2827

OWNER: UMATILLA ARMY DEPOT

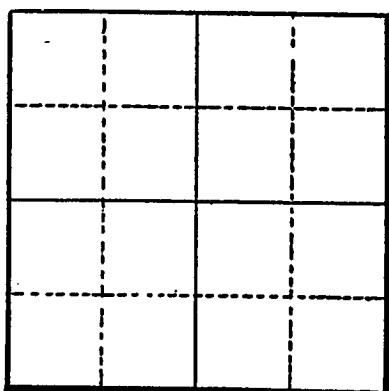
MAILING ADDRESS: ORDNANCE

LOCATION OF WELL: Owner's No. #5

CITY AND STATE:

SE 1/4 SW 1/4 Sec. 18 T. 4 N. S. R. 27 W., W.M.

Bearing and distance from section or subdivision corner 795' N + 1750' E from SW  
corner Sec. 18



Section 18

Altitude at well

TYPE OF WELL: DRILLED Date Constructed 1950

Depth drilled 618' Depth cased

CASING RECORD:

16" to 12"

FINISH:

AQUIFERS:

BASALT

WATER LEVEL:

151' (12-15-64)

PUMPING EQUIPMENT: Type \_\_\_\_\_ H.P. \_\_\_\_\_  
Capacity \_\_\_\_\_ G.P.M.

WELL TESTS:  
Drawdown 2 ft. after \_\_\_\_\_ hours 575 G.P.M.  
Drawdown \_\_\_\_\_ ft. after \_\_\_\_\_ hours \_\_\_\_\_ G.P.M.

USE OF WATER FIRE PROTECTION Temp. \_\_\_\_\_ °F., 19

SOURCE OF INFORMATION FIELD INSP.

DRILLER or DIGGER R. J. STRASSER

ADDITIONAL DATA:  
Log  Water Level Measurements  Chemical Analysis \_\_\_\_\_ Aquifer Test \_\_\_\_\_

REMARKS:



STATE ENGINEER  
Salem, Oregon

State Well No. 4N/27-18P(1)

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County .....

Application No. ....

### Water Level Record

OWNER: Umatilla Army Depot

OWNER'S NO. 5

Description of measuring point: S. W. 1/4 Sec. 18 T4N R27E Morrow

Date	Water Level Feet (to Low) Land Surface	Water Level Feet (to Low) Land Surface	Remarks
Jan 54	114	Jul	117
Feb	114	Aug	118
Mar	114	Sep	119
Apr	114	Oct	117
May	114	Nov	117
Jun	114	Dec	116
Jul	115	Jan 56	115
Aug	117	Feb	115
Sep	116	Mar	115
Oct	116	Apr	115
Nov	115	May	115
Dec	115	Jun-	116
Jan 55	--	Jul	117
Feb	115	Aug	118
Mar	115	Sep	118
Apr	115	Oct	119
May	115	Nov	118
Jun	116	Dec	117

REMARKS: Records unavailable from September 1951 thru December 1953.

STATE ENGINEER  
Salem, Oregon

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State Well No. ....  
County .....  
Application No. ....

### Water Level Record

OWNER: **Umatilla Army Depot**

OWNER'S NO. **5**

Description of measuring point: **S. W.  $\frac{1}{4}$  Sec. 18 T4N R27E Morrow**

Date	Water Level Feet <small>(above or below Land Surface)</small>	Date	Water Level Feet <small>(above or below Land Surface)</small>	Remarks
Jan 57	116	Jul	114	
Feb	115	Aug	115	
Mar	115	Sep	116	
Apr	116	Oct	116	
May	116	Nov	115	
Jun	115	Dec	114	
Jul	117	Jan 59	113	
Aug	118	Feb	113	
Sep	119	Mar	113	
Oct	119	Apr	113	
Nov	117	May	115	
Dec	116	Jun	116	
Jan 58	115	Jul	117	
Feb	115	Aug	118	
Mar	113	Sep	117	
Apr	113	Oct	115	
May	113	Nov	115	
Jun	113	Dec	113	

REMARKS: .....

STATE ENGINEER  
Salem, Oregon

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State Well No. ....

County .....

Application No. ....

### Water Level Record

OWNER: Umatilla Army Depot

OWNER'S NO. 5

Description of measuring point: S. W.  $\frac{1}{4}$  Sec. 18 T4N R27E Morrow

Date	Water Level Feet (Below) Land Surface	Date	Water Level Feet (Below) Land Surface	Remarks
Jan 60	113	Jul	130	
Feb	112	Aug	133	
Mar	112	Sep	133	
Apr	112	Oct	127	
May	115	Nov	124	
Jun	117	Dec	123	
Jul	119	Jan 62	121	
Aug	121	Feb	118	
Sep	123	Mar	118	
Oct	123	Apr	122	
Nov	119	May	130	
Dec	117	Jun	133	
Jan 61	116	Jul	137	
Feb	114	Aug	140	
Mar	113	Sep	140	
Apr	118	Oct	136	
May	123	Nov	130	
Jun	126	Dec	126	

REMARKS: .....

STATE ENGINEER  
Salem, Oregon

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State Well No. ....

County .....

Application No. ....

### Water Level Record

OWNER: **Umatilla Army Depot**

OWNER'S NO. **5**

Description of measuring point: **S. W.  $\frac{1}{4}$  Sec. 18 T4N R27E Morrow**

Date	Water Level Feet (below) Land Surface	Water Level Feet (below) Land Surface	Remarks
<b>Jan 63</b>	<b>124</b>	<b>Jul</b>	<b>Under Repair</b>
<b>Feb</b>	<b>122</b>	<b>Aug</b>	" "
<b>Mar</b>	<b>120</b>	<b>Sep</b>	" "
<b>Apr</b>	<b>124</b>	<b>Oct</b>	" "
<b>May</b>	<b>133</b>	<b>Nov</b>	<b>156</b>
<b>Jun</b>	<b>140</b>	<b>Dec</b>	<b>Power Outage</b>
<b>Jul</b>	<b>144</b>	<b>Jan 65</b>	<b>147</b>
<b>Aug</b>	<b>147</b>	<b>Feb</b>	<b>145</b>
<b>Sep</b>	<b>145</b>	<b>Mar</b>	<b>142</b>
<b>Oct</b>	<b>141</b>	<b>Apr</b>	<b>150</b>
<b>Nov</b>	<b>139</b>	<b>May</b>	<b>159</b>
<b>Dec</b>	<b>135</b>		
<b>Jan 64</b>	<b>131</b>		
<b>Feb</b>	<b>128</b>		
<b>Mar</b>	<b>129</b>		
<b>Apr</b>	<b>136</b>		
<b>May</b>	<b>146</b>		
<b>Jun</b>			<b>Under Repair</b>

REMARKS: .....

4N/2 7- 18P(1)

Static 200.00 # 5

40.60  
159.40 - 158.40 below LSD.

Aug 11, 1964

Bottom of copper tube is  
Electric top reading 4'

Depth	Clicks Per Minute
220	3
250	0
300	0
350	0
400	0
450	0
500	0
550	0
600	0

No Movement

Deep well current meter test