

WATER WELL CONTRACTOR
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filed with the

WATER WELL REPORT

STATE OF OREGON

(Please type or print)

MAR 23 1977

State Well No. 4N/29E-260d

State Permit No. _____

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

Do not write above this line

Page 1 WATER RESOURCES DEPT.

UMAT
2918

(1) OWNER:

Name Mills Milk Farm Inc.
Address Rt 1 Box 58
Starfield, Oregon 97875

(2) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
10" Diam. from 0 ft. to 4.5 ft. Gage 250
8" Diam. from 0 ft. to 17.8 ft. Gage 250

(6) PERFORATIONS:

Perforated? Yes No.
Type of perforator used _____
Size of perforations in. by in.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.
_____ perforations from _____ ft. to _____ ft.

(7) SCREENS:

Well screen installed? Yes No
Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom?
Flow: 800 gal./min. with 175 ft. drawdown after 2 hrs.
800 " 184 " 5 "
" 800 " 189 " 7 "
Bailer test gal./min. with ft. drawdown after hrs.
_____ _____ _____ _____
Artesian flow 280 g.p.m.
Temperature of water _____ Depth artesian flow encountered 260 ft.

(9) CONSTRUCTION:

Well seal—Material used Cement, pressure grouted
Well sealed from land surface to 185 ft.
Diameter of well bore to bottom of seal 14" to 45' in 10" to 183'
Diameter of well bore below seal 10 in.
Number of sacks of cement used in well seal 50 sacks
Number of sacks of bentonite used in well seal _____ sacks
Brand name of bentonite _____
Number of pounds of bentonite per 100 gallons
of water _____ lbs./100 gals.
Was a drive shoe used? Yes No Plugs 10' Size: location 183 ft.
Did any strata contain unusable water? Yes No
Type of water? _____ depth of strata _____
Method of sealing strata off _____
Was well gravel packed? Yes No Size of gravel: _____
Gravel placed from _____ ft. to _____ ft.

(10) LOCATION OF WELL:

County Umatilla Driller's well number _____
SE 1/4 N.E 1/4 Section 26 T. 47N. R. 29E. W.M.
Bearing and distance from section or subdivision corner _____

(11) WATER LEVEL: Completed well.

Depth at which water was first found 133 ft.
Static level Surface ft. below land surface. Date 2/24/77
Artesian pressure 4 lbs. per square inch. Date 2/24/77

(12) WELL LOG:

Diameter of well below casing 10"
Depth drilled 745 ft. Depth of completed well 745 ft.
Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

MATERIAL	From	To	SWL
<u>Topsone</u>	<u>0</u>	<u>10</u>	
<u>Claystone + gravel</u>	<u>10</u>	<u>18</u>	
<u>Gravel</u>	<u>18</u>	<u>32</u>	
<u>Rock, brown + white claystone</u>	<u>32</u>	<u>65</u>	
<u>Basalt, black</u>	<u>65</u>	<u>103</u>	
<u>Rock, soft, dark brown</u>	<u>103</u>	<u>113</u>	
<u>Rock, broken, dark brown</u>	<u>113</u>	<u>119</u>	
<u>Basalt</u>	<u>119</u>	<u>133</u>	
<u>Rock, med black + blue claystone</u>	<u>133</u>	<u>160</u>	<u>W.B.</u>
<u>Basalt</u>	<u>160</u>	<u>260</u>	
<u>Basalt + blue claystone</u>	<u>260</u>	<u>265</u>	<u>W.B.</u>
<u>Basalt</u>	<u>265</u>	<u>385</u>	
<u>Basalt, + green claystone</u>	<u>385</u>	<u>397</u>	<u>W.B.</u>
<u>Basalt, black</u>	<u>397</u>	<u>480</u>	
<u>Basalt, gray</u>	<u>480</u>	<u>560</u>	
<u>Basalt, black + green claystone</u>	<u>560</u>	<u>585</u>	<u>W.B.</u>
<u>Basalt, black</u>	<u>585</u>	<u>610</u>	
<u>Basalt, black + green claystone</u>	<u>610</u>	<u>630</u>	
<u>Basalt, black</u>	<u>630</u>	<u>660</u>	

Work started 1-17 1977 Completed 2-24 1977
Date well drilling machine moved off of well 2-24 1977

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] James T. Leitch Date 2/24, 1977
(Drilling Machine Operator)
Drilling Machine Operator's License No. 665

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name TROY GRIFFIN (Type or print)
(Person, firm or corporation)
Address 900 HERMISTON AVE. HERMISTON ORE
[Signed] Troy Griffin
(Water Well Contractor)
Contractor's License No. 65 Date 2-24, 1977

