

STATE OF OREGON
WATER WELL REPORT

(as required by ORS 537.765)

SS OK- 6/15/84

WATER RESOURCES DEPT
PLEASE TYPE OR PRINT IN INK
SALEM, OREGON

RECEIVED
MAR 3480
JUL 19 1984

65/16-29 dl

(for official use only)

(1) OWNER:

Name Mallories Dairy Inc.
Address P.O. Box 168
City Silverton, State Or.

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary Air ☒ Driven ☐
Rotary Mud ☐ Dug ☐
Cable ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☒ Thermal: ☐
Other: ☐ Withdrawal ☐ Reinjection ☐
Piezometric ☐ Grounding ☐ Test ☐

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☒
8" Diam. from +1 ft. to 125 ft. Gauge .250
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

no Steel ☐ Plastic ☐
Threaded ☐ Welded ☐
" Diam. from ft. to ft. Gauge

(6) PERFORATIONS:

Perforated? ☐ Yes ☒ No
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 Johnson
Type Stainlees Model No. 304
Diam. 8" tele Slot Size 25 Set from 138 ft. to 144 ft.
Diam. 8" tele Slot Size 12 Set from 125 ft. to 130 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?
gal./min. with ft. drawdown after hrs.
Air test 200 gal./min. with drill stem at 120 ft. 4 hrs.
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m.
Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes ☒ No ☐
Well seal—Material used Bentonite
Well sealed from land surface to 40 ft.
Diameter of well bore to bottom of seal 12" in.
Diameter of well bore below seal 8" in.
Amount of sealing material 6 bent. 50# sacks ☐ pounds ☐
How was cement grout placed? bent was pumped from bottom of bore up to surface

Was pump installed? no Type HP Depth ft.
Was a drive shoe used? ☒ Yes ☐ No Plugs Size: location 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: ft.
Gravel placed from ft. to ft.

(10) LOCATION OF WELL by legal description:

County Marion SE 1/4 SE 1/4 of Section 29 of
Township 6S, Range 1W, WM.
(Township is North or South) (Range is East or West)
Tax Lot Lot Block Subdivision
MAILING ADDRESS OF WELL (or nearest address) NA

(11) WATER LEVEL OF COMPLETED WELL:

Depth at which water was first found 125 ft.
Static level 46' ft. below land surface. Date 6-14-84
Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing 0
Depth drilled 149 ft. Depth of completed well 147 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
Soil med brown	0	2	
Clay med-soft brown	2	22	
Clay soft grey	22	29	
Clay sandy grey	29	44	
Clay sticky grey	44	46	
Conglomerate med cemented	46	88	
Conglomerate large grey	88	114	
Clay sticky blue	114	120	
Claystn hard blue	120	125	
Sand, med-course grey	125	127	H20
Conglomerate med-large	127	138	H20
Sand, fine grey	138	144	H20
Clay sticky grey	144	149	

Date work started 602-84 /completed 6-14-84
Date well drilling machine moved off of well 6-14-84 19

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] _____ Date _____, 19 _____

(bonded) Water Well Constructor Certification:

Bond _____ Issued by: Union Indemnity
(number) (Surety Company Name)
On behalf of West Coast Drilling Co. Inc.
(type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:

(Signed) _____ (Water Well Constructor)

(Dated) 6-16-84

NOTICE TO WATER WELL CONSTRUCTOR
The original and first copy of this report
are to be filed with the

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

SP*46866-690

378-8455

June 15, 1984

Chuck Stadell
West Coast Drilling, Inc.
220 Academy Street
Mt. Angel, OR 97362

Dear Mr. Stadell:

This letter will serve as approval of the Special Standards you requested June 14 to seal the Mallories Dairy Well with bentonite. Call if you have any questions.

Sincerely,

DANIEL KENNEDY
Administrator
Administrative Services Division

DKswpc
3142C

4723
W
SM
MARI 3480

Phone 845-6824

MARI 3480



220 Academy Street
Mt. Angel, Oregon 97362

WEST COAST DRILLING, Inc.

June 14, 1984

Dan Kennedy
Water Resources Dept.
555 13th St. NE
Salem, Or. 97310

RECEIVED

JUN 15 1984

**WATER RESOURCES DEPT
SALEM, OREGON**

RE: special standards-bentonite seal

Dear Mr. Kennedy;

Please find listed below our request for special standards to seal a 8" screened irrigation well, in anticipation of pulling the screen at a later date and deepen well to the basalts.

Well owner is Mallories Dairy, Silverton Or. located in the SE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Sec. 29, T6S R1W marion county.

Well depth of 147' with 8" SS screen from 125' to 147', yield air test of 200gpm. 12" hole from land surface to 40'.

Sincerely:

WEST COAST DRILLING

A handwritten signature in cursive script, appearing to read 'Chuck Stadeli', written over the typed name.

Chuck Stadeli VP

Log in
7/19/84