

WATER WELL REPORT
STATE OF OREGON

RECEIVED

APR 5 1991

still not complete

State Well No.

State Permit No.

No camera

(1) OWNER:

WATER RESOURCES DEPT
Name Marybrooke Corporation - OREGON
Address Ashwood Star Route
City Madras State Ore. 97741

(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 ☐ Domestic ☐ Industrial ☐ Municipal ☐
Rotary Mud ☐ Dig ☐ Irrigation ☒ Test Well ☐ Other ☐
Cable ☐ Bored ☐ Thermal ☐ Withdrawal ☐ Reinjection ☐

(4) PROPOSED USE (check):

(5) CASING INSTALLED:

Steel ☒ Plastic ☐
Threaded ☐ Welded ☒

" Diam. from ft. to ft. Gauge
" Diam. from ft. to ft. Gauge

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(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?

Yield: gal/min. with ft. drawdown after hrs.

Air test gal/min. with drill stem at ft. hrs.

Boiler test gal/min. with ft. drawdown after hrs.

Artesian flow L.P.M.

Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes ☐ No ☒

Well seal-- Material used

V ft.

U ft.

D ft.

N ft.

H ft.

..... ft.

W HP Depth ft.

W ft. 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

Gravel placed from ft. to ft.

(10) LOCATION OF WELL:

County Jefferson Driller's well number
T. 11S R. 15E W. 4
Tax lot # Lot Blk Subdivision

Address at well location:

(11) WATER LEVEL: Completed well.

Depth at which water was first found

Static level ft. below land surface. Date

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing

Depth drilled ft. Depth of completed well 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
Top Soil, Clay	0	22	
Brown Claystone	22	30	
Green Claystone	30	35	
Red Claystone	35	45	
Clay Conglomerate	45	50	
Green Claystone	50	70	
Lt. Yellow Claystone	70	72	
Red Rock	72	79	
Red & Gold Rock, Broken	79	95	
Red & Gold Rock, Fractured	95	110	
Green Claystone	110	170	
Red Claystone	170	190	
Green Claystone	190	270	
Grey Rock	270	290	
Claystone	290	324	
Green Claystone, Soil	324	328	
Grey & Black Speckl. Rock, Break.	328	333	
Hard Rock, Green-Grey-Black	333	355	
Hard Rock, Grey-Speckled	355	400	
Hard Lava	400	440	
Hard Rock, Green-Speckled	440	545	

Work started 5-6 19 81 Completed 19

Date well drilling machine moved off of well 6-19 19 82

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) Date 19.....

(Drilling Machine Operator)

Drilling Machine Operator's License No. 1395

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 O'Kell, Buckner, Well Drilling, Inc.

(Person, firm or corporation) (Type or print)

Address 1684 N.E. Nagus Way, Redmond, Ore. 97756

(Signed) (Water Well Contractor)

Contractor's License No. Date 1st of 20



WATER WELL REPORT STATE OF OREGON

APR 5 1991

State Well No.

State Permit No.

(1) OWNER:

Name Marybrooke Corporation
Address Ashwood Star Route
City Madras State ORE. 97741

WATER RESOURCES DE. JEFFERSON SALEM, OREGON

(10) LOCATION OF WELL:

County Jefferson Driller's well number
T. 11S R. 15E W.M.

(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 ☒ Test Well ☐ Other ☐
Thermal ☐ Withdrawal ☐ ReInjection ☐

(5) CASING INSTALLED:

Steel ☐ Plastic ☐
Threaded ☐ Welded ☐

" Diam. from ft. to ft. Gauge

" Diam. from ft. to ft. Gauge

LINER INSTALLED:

" Diam. from ft. to ft. Gauge

(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?

Yield: gal./min. with ft. drawdown after hrs.

Air test gal./min. with drill stem at ft. hrs.

Boiler 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

Well sealed from land surface to ft.

Diameter of well bore to bottom of seal in.

Diameter of well bore below seal in.

Number of sacks of cement used in well seal sacks

How was cement grout placed?

Was pump installed? 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:

Gravel placed from ft. to ft.

Tax Lot # Lot Blk Subdivision
Address at well location:

(11) WATER LEVEL: Completed well.

Depth at which water was first found ft.

Static level ft. below land surface. Date

Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing

Depth drilled ft. Depth of completed well 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
Grey Rock	545	620	
Hard Rock, Dark Green	620	759	
Mild Grey Rock, Broken	759	762	w/b
Mild Grey Rock, Solid	762	770	
Red & Green Claystone	770	790	
Green Claystone, Soft	790	810	
Grey & Red Rock, Mild	810	855	
Dark Green Rock, Hard	855	860	
Black Rock-White Agate	860	885	
Lgt. Green & Red Rock, Mild	885	900	
Lgt. Green Claystone	900	930	
Grey Rock, Mild	930	940	
Black Rock-Agate	940	965	
Grey Claystone	965	975	
Grey & Blk. Rock, Fractured	975	987	
Solid Black Rock, Mild	987	1038	
Blue-Green Rock, Mild	1038	1042	
Lgt. Green Rock, Mild	1042	1050	
Lgt. Grey Rock, Mild	1050	1082	
Green Claystone, Soft	1082	1135	
Black & Grey Rock, Mild	1135	1138	

Work started 19 Completed 19

Date well drilling machine moved off of well 19

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) J. C. Palmer Date 19.....

(Drilling Machine Operator)

Drilling Machine Operator's License No. 1395

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 (Person, firm or corporation) (Type or print)

Address

(Signed) (Water Well Contractor)

Contractor's License No. Date 19.....

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State Well No.

State Permit No.

Gravel placed from ft. to ft.

page 3 of 20

JEFF 51250

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: (4) PROPOSED USE (check):

Rotary ☒ Driven ☐ Domestic ☐ Industrial ☐ Municipal ☐
Cable ☐ Jetted ☐ Irrigation ☒ Test Well ☐ Other ☐
Dug ☐ Bored ☐

(5) CASING INSTALLED:

Threaded ☐ Welded ☒

16" Diam. From 7.2 ft. to 58 ft. Gage 250

" Diam. From ft. to ft. Gage

" Diam. From ft. to ft. Gage

(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?

Yield: gal./min. with ft. drawdown after hrs.

" " " "

" " " "

Boiler test gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m.

Temperature of water Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Well seal—Material used

Well sealed from land surface to ft.

Diameter of well bore to bottom of seal 20" - 20' 350

Diameter of well bore below seal 16" to 58' (12" 340)

Number of sacks of cement used in well seal 8" - 1420 sacks

How was cement grout placed? 3 3/4" 1120-1240

(12) WELL LOG:

Diameter of well below casing 12

Depth drilled 1260

ft. Depth of completed well

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
top soil, CLAY	0	22	
CLAY STONE BROWN	22	30	
CLAY STONE GREEN	30	35	
CLAY STONE RED	35	45	
CLAY CONGLOMERATE	45	50	w/B
CLAY STONE GREEN	50	70	
CLAY STONE light yellow	70	72	
Red Rock	72	79	
Red & Gold Rock BAKEN	79	75	w/B
Red & Gold Rock FRAC.	75	110	
CLAY STONE GREEN	110	170	
CLAY STONE RED	170	190	
" " GREEN	190	290	
GRAY ROCK	270	290	
CLAY STONE	290	324	
CLAY STONE GREEN (SOFT)	324	328	
GRAY & BLK speckled Rck	328	333	w/B
BAKEN			
Rock. GRAY - BLENK	333	355	
GRAY Rock speckled HARD	355	400	
HARD LAVA	400	440	
GRAY speckled Rck HARD	440	545	
GRAY ROCK	545	620	
DARK GRAY Rck HARD	620	759	
GRAY ROCK BAKEN - MILD	759	762	w/B
GRAY ROCK solid mild	762	770	
Red & GRAY CLYSTONE	770	790	
GRAY CLYSTONE SOFT	790	810	
Work started	19	Completed	19
Date well drilling machine moved off of well			19

(10) LOCATION OF WELL:

County

Driller's well number

1/4

1/4 Section

T.

R.

W.M.

Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found

ft.

Static level

ft. below land surface. Date

Artesian pressure

lbs. per square inch. Date